coloradomountaincollege

2005-06 CATALOG

www.coloradomtn.edu

colorado mountain college

05-06 catalog

CMC Locations

Steamboat Springs
Alpine Campus
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
Spring Valley Center**
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

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

**Timberline Campus
Chaffee County Center**
411 E. Main St.
PO Box 897
Buena Vista, CO 81211
(719) 395-8419

**Vail-Eagle Valley Campus
Eagle Center**
139 Broadway
PO Box 249
Eagle, CO 81631
(970) 328-6304

**Vail-Eagle Valley Campus
Edwards Center**
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

05-06 Academic Calendar

Fall 2005
Registration Begins
August 22-26, 2005

Classes Begin
August 29, 2005

Labor Day
September 5, 2005
(No classes)

Thanksgiving
November 23-25, 2005

Classes End
December 16, 2005

Graduation
December 17, 2005

Fall Grades Due*
December 21, 2005

Spring 2006
Registration Begins
January 9-13, 2006

Classes Begin
January16, 2006

Spring Break
varies by campus

Classes End
May 5, 2006

Graduation
May 6, 2006

Spring Grades Due*
May 10, 2006

* Grades are due for courses which end earlier in the semester within two working days after the last official class day.

cmc:
your success is
our goal

A Spring 2005 graduate, Farrell McCook is the first member of a Ute tribe to graduate from Colorado Mountain College. Farrell will receive a degree in Resort Management, which he intends to use to help his Northern Ute tribe develop tourism on their land in the Uintah Basin near Roosevelt, Utah. ➜

cmc: success
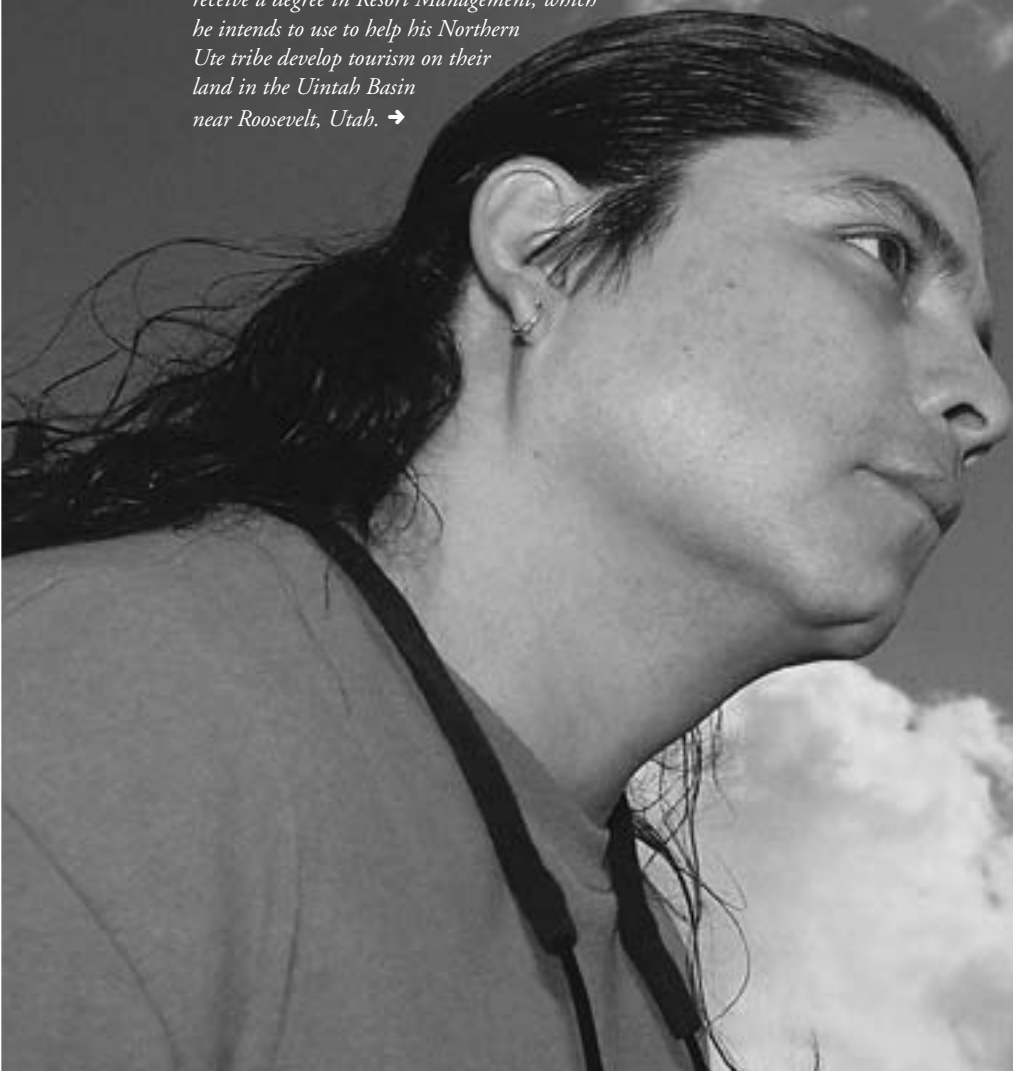
getting help   residential life   programs

Goals

Mission, Vision, and Values

Accreditation

Begin Your Four-Year Degree

Community Outreach and Partnerships

Contact Us

Experiential and International Learning

Faculty and Staff

Location, Location: Where We Are

Community Campuses

Residential Campuses

Start Your Career

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CMC: Your Success is our Goal

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 instructors 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.

College Goals

Colorado Mountain College exists for The Achievement of Educational and Professional Goals.

Priority Results (not in priority order):

1.1 Individuals Achieve Their Personal Learning Goals, as measured by:
   A. graduation rate moving from 19.3% to 23% by June, 2005; and moving to the 75% quartile by June, 2007;
   B. student satisfaction rate as measured by student evaluations, moving from 87% to 90% by June, 2005; with an ultimate goal of 95% by June, 2007;
   C. retention rate moving from 52% to 55% by June, 2005; and moving to the 75% quartile by June, 2007;
   D. participation rate moving from 11.8% to 14% by June, 2005; and moving to the top 10% of other similar, rural community colleges by June, 2007;
   E. ethnic minority student enrollments increasing as follows:

   Full-time enrollments increasing from 8.8% to 10% by June, 2005; and accurately reflecting the percentage of ethnic minorities in CMC's district by June, 2007, and

   Part-time enrollments increasing from 10.5% to 12% by June, 2005; and accurately reflecting the percentage of ethnic minorities in CMC's district by June, 2007.

1.2 Students (or individuals) have access to education that is affordable, as measured by:
   A. Total cost per full-time equivalent (FTE) student not to exceed 5% of the District median income for commuter students, and 25% of the District median income for residential students.
   And is efficiently delivered, as measured by:
   B. total cost divided by student FTE, which will not increase more than 5% per year for the next three years.

1.3 Community workforce needs are met, as measured by:
   A. the number of contracts CMC has with employers and the number of employees served by those courses outlined in the contracts*, with a goal of increasing contract training by 10% by 2005; and a survey developed and administered to current CMC district employers presently served by the College and CMC district employers not served by CMC, by Spring, 2005.
   The College recognizes that this measurement does not cover all workforce training, however, it is the best-defined cohort.

1.4 CMC is Recognized by our communities as a comprehensive Community College and key provider of quality post-secondary education, as measured by:
   A. community surveys to establish a baseline and a subsequent goal, with community survey instruments to be modified to address End 1.4 by June, 2005; and a minimum of 2 community surveys to be completed by June, 2006.

1.5 Taxpayers and students will benefit from a fiscally sound, united local district college, as measured by monitoring legislative issues that affect CMC.

Accreditation

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

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)

⬆ *Lots of personal attention.*

←

Student focus – fly fishing students evaluate natural patterns.

Approved by:
Colorado Commission on Higher Education
Community Colleges of Colorado
Colorado State Board of Nursing

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

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

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

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.

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↑ *Learn a new language!*

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.

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 in 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.

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 instructor 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 can earn their college degree through The Link and Wo/Men in Transition.

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

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 First Ascent Leadership. 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 info is available on the Colorado Mountain College World Wide Web site: 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.

Beginning Summer 2005, we will begin offering online registration and payment processing via the web site. Registration information and class listings and times will be made available in our class schedules.

Aspen Campus
0255 Sage Way
Aspen, CO 81611
Ph: (970) 925-7740
Fax: (970) 925-6045

Breckenridge Center
103 S. Harris St.
PO Box 2208
Breckenridge, CO 80424
Ph: (970) 453-6757
Fax: (970) 453-2209

Carbondale Lappala Center
(Roaring Fork Campus)
690 Colorado Avenue
Carbondale, CO 81623
Ph: (970) 963-2172
Fax: (970) 963-2325

Chaffee County Center
411 E. Main St.
PO Box 897
Buena Vista, CO 81211
Ph: (719) 395-8419
Fax: (719) 395-2173

Dillon Center
333 Fiedler Ave.
P.O. Box 1414
Dillon, CO 80435
Ph: (970) 468-5989
Fax: (970) 468-5018

Eagle Center
(Vail-Eagle Valley Campus)
139 Broadway
PO Box 249
Eagle, CO 81631
Ph: (970) 328-6304

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

Glenwood Springs Center
(Roaring Fork Campus)
1402 Blake Avenue
Glenwood Springs, CO 81601
Ph: (970) 945-7486
(970) 945-6240

Leadville -
Timberline Campus
901 South Hwy. 24
Leadville, CO 80461
Ph: (719) 486-2015
Fax: (719) 486-3212

Rifle Campus
703 Railroad Avenue
Rifle, CO 81650
Ph: (970) 625-1871
Fax: (970) 625-0649

Spring Valley Center
(Roaring Fork Campus)
3000 County Road 114
Glenwood Springs, CO 81601
Ph: (970) 945-7481
Fax: (970) 945-1227

Steamboat Springs -
Alpine Campus
1330 Bob Adams Dr.
Steamboat Springs, CO 80487
Ph: (970) 870-4444
Fax: (970) 870-0485

Central Admissions &
Administration
831 Grand Ave.
Glenwood Springs, CO 81601
Ph: 970-945-8691
Toll Free: 800-621-8559
Fax: (970) 947-8324

⬆ *Outside the traditional classroom.*

Experiential and International Learning

The GREAT outdoors.

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.
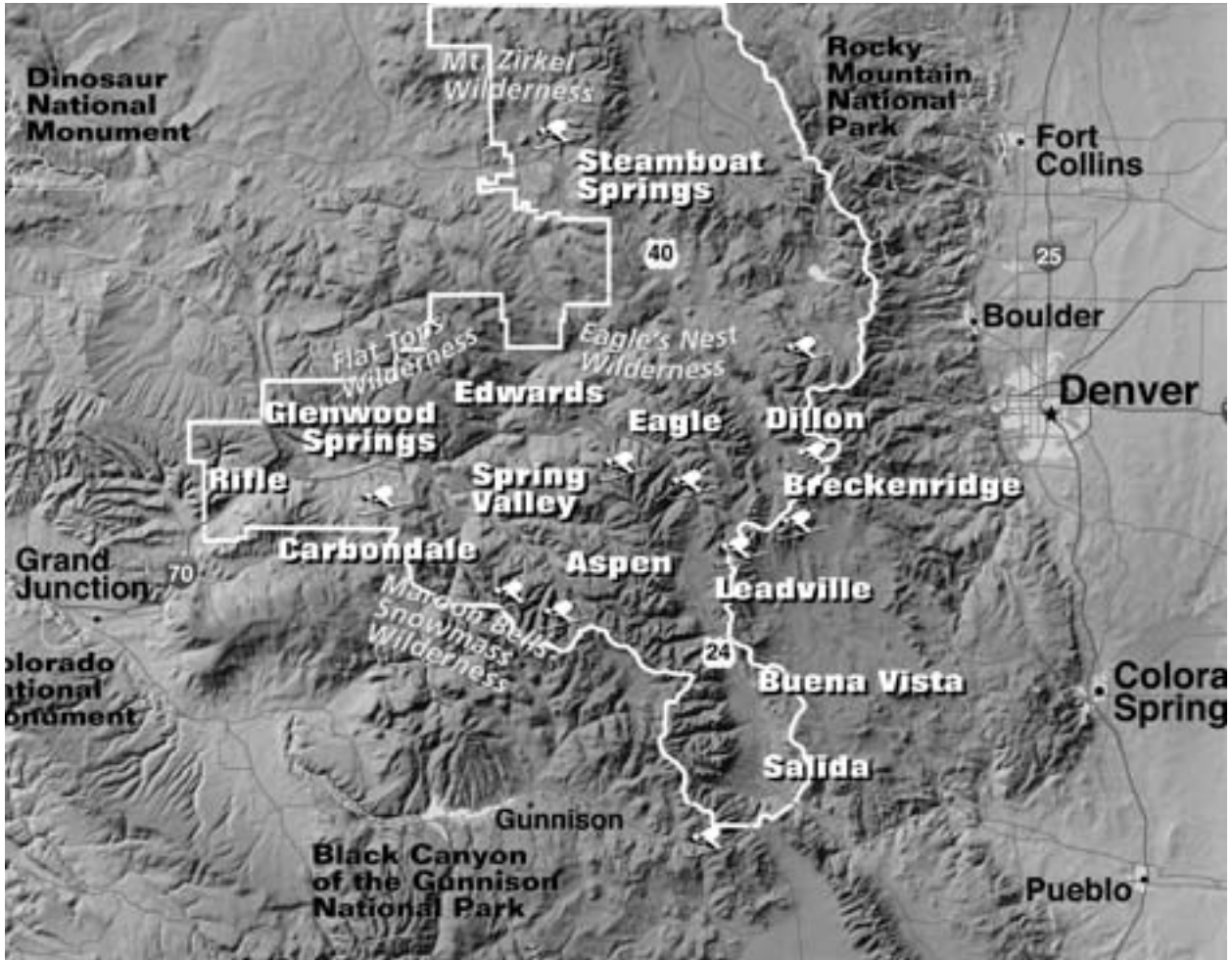
⬆ *This map details our 12,000 square mile service area.*

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

Then there are your fellow classmates. In the past 35 years, Colorado Mountain College students have come to us 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 and 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 instructors 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 12 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 instructor and classmates at several other Colorado Mountain College sites.

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

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

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 in 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. In January 2001, Aspen Campus began offering classes in a new, 34,000 square-foot building. Named for generous local donors, the 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

← *Aspen Campus.*

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 buildings' south wing, the dance studio includes large windows opening to views of the Elk Mountains 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.

Find out more on the Aspen Campus Web page: www. coloradomtn.edu/aspen/

Programs offered at Aspen campus are listed in the section entitled Where Our Programs are Offered.

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/

Programs offered at Rifle Campus are listed under Where Our Programs are Offered.

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 certificate. The campus also offers a variety of noncredit or 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,

↑ *Class outside, at 10,152 feet.*

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, classrooms, a studio 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/

Programs offered at Roaring Fork Campus are listed under Where Our Programs are Offered.

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.

←
*The Breckenridge Center
overlooks the Ten Mile Range.*

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/

Programs offered at the Summit Campus are listed under Where Our Programs are Offered.

Timberline Campus (Chaffee County Center). Driving south along the Arkansas River about 30 miles from the Timberline Leadville Campus, you'll find the Chaffee County 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 on the Chaffee County Center at: www.coloradomtn.edu/campus_tmb/chaffee

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 non-credit classes through Ed2Go. Though the Vail-Eagle Valley campus does not have residence halls, it does offer full degree and certificate programs.

Nursing students receive personal instruction

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/

Programs offered at Vail-Eagle Valley Campus are listed under Where Our Programs are Offered.

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, meal plans, and costs.

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 will 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, students can 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.

The two-year Associate in 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.

getting in:

admissions,
registration,
costs & grades

→
*After graduating from the
Culinary Arts program at Keystone
Resort, Brian Baker was hired to
work as sous chef at the
Ski Tip Lodge, a five-diamond
restaurant at Keystone.*

KEYSTONE RESORT
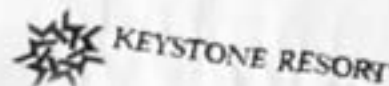
cmc: success   **getting in**   residential life   getting help   programs

Admissions

Registration

Grading System
and Options

Tuition and
Other Costs

Getting In: Admissions, Registration, Costs & Grades

The Getting In: Admissions, Registration, Costs, & Grades chapter contains practical information to make sure you get off to a solid start at CMC. This section describes how to determine your residency status and the associated tuition costs, how to apply for admission, register for classes, and receive grades.

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.

Your ideas and opinions count here.

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. a. 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.

b. 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 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 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 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. They must also submit the following documents:

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
On the World Wide Web: 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 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 residence 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 residency 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 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 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 accommodation.

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

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Peace and quiet to think and create.

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. Beginning Summer 2005, All Colorado Mountain College campuses will offer five registration options:

1. Mail

2. Fax

3. Phone

4. Webadvisor (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 postal patrons several weeks 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 using WebAdvisor.

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 Pre-Requisite 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 residency 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 approved 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 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 permanent 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	-

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Graphic Design includes traditional and digital techniques.

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 date by contacting the registration staff at your campus. Most courses offer the 3 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.

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) in the chart above.

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

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.

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. Starting in summer 2003, there is a special non-credit transcript available upon request.

"W"-Withdrawal: A "W" is assigned if the student officially drops from 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 instructors' 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 Registrar's Office prior to the end of the semester date printed in this catalog. Those grades which are not changed by the end of the semester will automatically become failing grades ("F").

"AU"- Audit: Students registered for a class through the audit option receive an "AU". 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 which 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 statistics. 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.

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.

Academic Forgiveness Policy . Occasionally, due to overwhelming and unavoidable circumstances, a student earns grades which are not representative of his/her abilities. Colorado Mountain College recognizes that grades can have both a positive and negative impact on a students educational objectives. In an effort to diminish the negative impact of these grades on the students' 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 opportunity (at Colorado Mountain College) for the student who earned poor grades because of unusual circumstances which 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.

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 2005-2006 academic year.

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 12-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

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.

	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).

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

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.

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

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.

➔ *Off to a solid start.*

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

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

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 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
and other services

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Holly Womack *combined her original art with computer-generated design to produce a professional-quality portfolio for her Graphic Design degree. She plans to use her talents in overseas missions work.*

cmc: success   **getting help**   ife   programs

Services: Financial Aid and Other Services

This section describes Colorado Mountain Colleges' 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 xtn 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.

Online Scholarship Application Process. One of the easiest and fastest ways to apply for all CMC Foundation Scholarships is to fill out a secure online application at: https://scholarships. coloradomtn. edu. This online application selects all of the necessary criteria and pre-qualifies you for the scholarships you are eligible for.

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 ben 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.

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.

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The hills are alive! Surrounded by geology.

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 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. 319. 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%

Pell Funds to be returned to the Department of Education by the institution $ 530. 13

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

Where the Money Is: Grant and Scholarship Summary Table. See the table below for a summary of all available grants and scholarships and associated campuses. For more information about scholarships, e-mail us at glewis@coloradomtn.edu, or see us on the web at: http://www.coloradomtn.edu/financial_aid/

	Scholarship Name	ALPINE CAMPUS	ASPEN CAMPUS	RIFLE CAMPUS	ROARING FORK	SUMMIT CAMPUS	TIMBERLINE CAMPUS-CHAFFEE COUNTY	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									•
	Beaver Creek Resort Company Culinary Arts Scholar							•		
	Breckenridge Associates Real Estate Company Scholarship Fund					•				
	Everett Bristol Family International Endowed Scholarship	•								
C	Calaway Scholars				•					
	Carbondale Union High School Alumnae Scholarship				•					
	Central Rockies Leadership Scholarship									•
	Central Services Staff Endowed Scholardship									•
	Certified Nursing Assistant Scholarship				•					
	Chaffee County Staff/Faculty Endowed Scholarship Fund						•			
	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	Daniels Fund Opportunity Award									•
	Judge and Mabelle Darrow Memorial Endowment Scholarship									•
	Danielle Nicole DeKeyser Memorial Scholarship				•					
	Stanley Dodson Scholarship Fund									•
F	Feinzig Scholars				•					
	Robert H. and 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	RIFLE CAMPUS	ROARING FORK	SUMMIT CAMPUS	TIMBERLINE CAMPUS-CHAFFEE COUNTY	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								•
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		•						
	Storm King 14 Memorial Endowed Scholarship							•	
	Summit Campus Dean's Scholarship				•				
	Summit Campus Health Sciences Scholarship				•				
	Summit Campus Staff/Faculty Endowed Scholarship Fund				•				
T	Pauline Taylor-Genova Nursing Scholarship		•						
	Timberline Campus Endowed Scholarship (Hix, Loewen, Bass and 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							•	
	Matthew Wells Memorial Scholarship	•							
	Jonathan Wright Memorial Endowed Scholarship		•						

getting help

Multi-Campus
Scholarships and
Grants, Loans
and Employment
Opportunities

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

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.

In addition to the scholarships funded by the Colorado General Assembly, Colorado Mountain College funds several grant 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 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.

Multi-Campus Scholarships

Colorado Mountain College Scholarship

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.

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.

Workstudy 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 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.

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 is required prior to enrollment. Individual accommodation will be determined from the documentation. With these accommodations, students are required to meet the academic standards of the college. Below is a list of contacts for services:
- Alpine Campus: Deb Farmer at (970) 870-4450
- Rifle and Roaring Fork Campuses: Ida Burnaman at (970) 947-8256
- Timberline and Eagle County Campuses: Sandi Conner at (719) 486-4200

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

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Monitoring water quality in the Arkansas River Valley.

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 http://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 an 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 American Medical Association* to *The Denver Post* to *Skiing Magazine*, from *Web Design in a Nutshell* to *Colorado's High Thirteeners: A Climbing and Hiking Guide*, 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 counseling and advising services 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 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.

⬆ *Physical and virtual libraries make it easy to find what you need.*

getting help

Developmental Education Program
Student Health and Accident Insurance and Facilities
Testing Services

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 and 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-under-prepared 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 the developmental placement level and/or place its participants into college level courses at the end of the program. For more information contact Tami Jenkins at (970)-870-4533.

Student Health and Accident Insurance and Facilities

Insurance Coverage for Fulltime 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 870-4495. Pat Rada-Sidinger, PA-C, MS is the Alpine Campus Physician's Assistant.

Spring Valley Center Health Facilities. The Roaring Fork Campus offers a full functioning clinic and personal counseling by a nurse practitioner. The first office visit is free and the Roaring Fork Student activity fee covers the cost of treatment, excluding appropriate insurance co-pays. Spring Valley offers a meningitis vaccine and flu shot. The flu vaccine is free with the Health Center fee. Margaret Franz is the FNP, and the Spring Valley Center health facilities are located in room. Call 947-8230 to schedule an appointment.

↑ *The Professional Photography studio at Spring Valley Campus.*

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.

Colorado Mountain College Summit Campus is an authorized testing center for the Miller Analogies Test (MAT).

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.

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

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

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.

4

residential life:
residential campuses, housing & food service

→

Noelle Brigden earned her Associate of Arts degree, then transferred to the University of Denver to earn her bachelor's and master's degrees simultaneously in International Studies. She enrolled in the DU honors program and received the Outstanding Senior in International Studies Award. She received a full fellowship to pursue her Ph.D. at Cornell University.

↓ residential life

Residential Campuses

Food Service Choices and Costs

Housing Choices and Costs

Housing Applications and Deposits

Residence Hall Hardware Requirements

Residential Life: Residential Campuses, Housing & Food Service

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.

The residence hall opened in 1997. Each 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/home.html

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 Carnival, Community Theater and the Steamboat Arts Council.

➜
Alpine Campus residence hall.

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

Programs offered at Alpine Campus are listed under Where Our Programs are Offered.

Roaring Fork Campus Spring Valley Center. 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 opened in 1998 as 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 worksta-tions. 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, tele-phone 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.

←
Roaring Fork Campus-Spring Valley residence hall interior.

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, enter-tainment 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/reshalls/res_svc.shtml

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 offered at Roaring Fork Campus-Spring Valley are listed under Where Our Pro-grams are Offered.

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 at Timberline campus opened in the fall of 1999. This facility 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.

Mountain View Residence Hall opened in the fall of 1997. Each 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.

➜
Timberline Campus new Discovery Academic Building.

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 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/reshalls/res_tmb.

Programs offered at Timberline Campus are listed under the section entitled Where Our Programs are Offered.

residental life

Food Service Choices
and Costs

Housing Choices and
Costs

Housing Applications
and Depositss

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.

2005-2006 Food Service Costs are as follows:

Campus	Meals	Cost
Alpine	19	$1,552
Roaring Fork Spring Valley	23	$1,652
Roaring Fork Spring Valley	19	$1,552
Roaring Fork Spring Valley	14	$1,452
Timberline	19	$1,552

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 opportunity to choose or specify your ideal roommate and living situation, possibly even a single room.*

* Subject to availability.

2005-2006 housing rates per semester for student housing at Alpine, Timberline and Spring Valley campuses are:

Occupancy	Costs
Single	$2,468
Double	$1,644

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.

← *Friends check snow conditions from a residence hall room.*

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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.
- Operating system OS9 or higher.
- 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.

Please note: Wireless connectivity is not currently available in the residence halls.

Darcy Trask transferred to the University
of Colorado where she graduated magna
cum laude. She is now Human Resources
Manager for TIC Construction with over
2000 employees nationwide. She was the
Colorado Mountain College Alumna of the Year.

cmc   getting in   getting help residential

programs

Planning Your Degree

Where our Programs
are Offered

Associate of Arts
Degrees

Associate of Science
Degrees

Associate of General
Studies Degrees

Occupational Programs

Certificate Programs

Programs: Certificates & Degrees

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

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

Where Our Programs are Offered

The table on page 45 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 4 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 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 almost all of the credits earned to one or more four-year schools which 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.

Personal education.

Where Our Programs are Offered

Colorado Mountain College Campuses	ALP	ASP	RF	RFL	SUM	TMB	VEV
Associate of Arts degree (AA)	•	•	•	•	•	•	•
Associate of Science degree (AS)	•		•	•	•	•	•
Associate of General Studies degree (AGS)	•	•	•	•	•	•	•
Art							
Creative Arts (CC)		•					
Graphic Design (AAS, C)			•				
Graphic Design for Internet (C)			•				
Visual Art (AA)	•	•			•		
Business							
Accounting (AAS, C)	•	•	▲•	•	•	•	•
Business (AA, AAS, C)	•	•	▲•	•	•	•	•
Golf Club Management (AAS)	•						
Office Administration (AAS,C)			•	•	•		
Real Estate (C)	•	•		•	•		•
Resort Management (AAS) (C)	•						
Ski & Snowboard Business (AAS, C)	•						
Construction/Trades							
Automotive Service Technology (C)							•
Electrician Apprenticeship (C)					▲	▲	•
Culinary Arts							
Culinary Arts (AAS)					•		•
Environmental Studies							
Natural Resource Management (AAS)						•	
Graphic Design & Photography							
Graphic Design (AAS, C)			•				
Graphic Design for Internet (C)			•				
Professional Photography (AAS)			•				
Information Technology & Web Development							
A+ Computer Technician (C)		•	•		•		•
CISCO Certified Network Associate (C)			•		•		
CISCO Certified Network Professional (C)			•				
Home Technology Integration (C)			•				
Information Security Specialist (C)	▲	▲	▲	▲	▲	▲	•
Information Technology (AAS)		•	•		•		•
Microcomputer Specialist (C)		•	•		•	•	•
Microsoft Office® Specialist (C)					•		•
Network + (C)		•					•
Web Application Developer (C)							•
Website Developer (C)							•

Colorado Mountain College Campuses	ALP	ASP	RF	RFL	SUM	TMB	VEV
Law Enforcement & Emergency Services							
CLETA: Colorado Law Enforcement Training Academy (C)			•			•	
Criminal Justice: Corrections Option (AAS); Law Enforcement Option (AAS)						•	
EMT-Paramedic (AAS, C)							•
Emergency Medical Technician (EMT) (C)	•	•	•	•	•	•	•
Fire Academy I (C)				•	•	•	•
Fire Academy II (C)						•	•
Fire Science Technology (AAS)					•		•
Nursing							
Nurse Aide Training (C) (CNA)	•		•	•		•	•
Practical Nursing (LPN) (C)			•				
Nursing: Associate Degree in Nursing (ADN) (AAS)			•				
Outdoor Studies							
Natural Resource Management (AAS)						•	
Outdoor Education (AA, CC)	•		•		•		•
Outdoor Recreation Leadership (AGS)						•	
Outdoor Semester in the Rockies (CC)						•	
Ski Area Operations (AAS)						•	
Sciences							
Biology (AS)	•		•				
Chemistry (AS)	•		•				
Community College Engineering (AAS)	•						
Physics (AS)	•						
Ski & Resort							
Golf Club Management	•						
Resort Management (AAS, C)	•						
Ropeway Maintenance Technician (C)	▲	▲			▲	•	▲
Ski & Snowboard Business (AAS, C)	•						
Ski Area Operations (AAS)						•	
Teaching							
Bilingual Elementary Education (AGS)			•				
Early Childhood Director or Group Leader (C)	•			•	•	•	•
Early Childhood Education (AAS)	•	▲	▲	•	•	•	•
Early Childhood Education (AA)	•	▲	▲	•	•	•	•
Elementary Education (AA)			•	•			
Outdoor Education (C)	•		•		•	•	•
Outdoor Recreation Leadership (AGS)						•	
Veterinary Technology							
Veterinary Technology (AAS, C)			•				
Animal Shelter Management (AAS, C)			•				

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

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➔
"Learning for Life" never ends.

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 degree, and that satisfy program-specific transfer agreements for the business, engineering, and elementary education programs.

General Education Philosophy. General education seeks to benefit 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.

Associate of Arts Degrees

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.

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.

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 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.

For those who do not complete the entire AA degree, courses marked by an asterisk (✽) will likely transfer, but it is not guaranteed. Please check the requirements of the receiving institution.

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

Specific course requirements are listed on the Associate of Arts checklist located in the Associate of Arts section.

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 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 35-37 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.

If you FINISH the AA with 35-37 state guaranteed general education course credits completed, the non-state guaranteed general courses will transfer under the 60+60 concept as well.

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 courses such as French will transfer. If you change your major between 2 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. 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

State Guaranteed General Education Requirements
(35-37 credits)

grade sem	course #			credit
Communication 6 credits.				
	🔒 ENG	121	English Composition I	3
	🔒 ENG	122	English Composition II	3

Mathematics 3 credits from the following courses

	🔒 MAT	120	Mathematics for the Liberal Arts	4
	🔒 MAT	121	College Algebra	4
	🔒 MAT	125	Survey of Calculus	4
	🔒 MAT	135	Introduction to Statistics	3
	🔒 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 with Lab	5
	🔒 BIO	112	General College Biology II with Lab	5
	🔒 CHE	101	Introduction to Chemistry I	5
	🔒 CHE	102	Introduction to Chemistry II	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
	🔒 PHY	111	Physics I: Algebra Based with Lab	5
	🔒 PHY	112	Physics II: Algebra Based 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
	🔒 MUS	120	Music Appreciation	3
	🔒 MUS	121	Intro to Music History I	3
	🔒 MUS	122	Intro 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
	🔒 HUM	121	Survey of Humanities I	3
	🔒 HUM	122	Survey of Humanities II	3
	🔒 HUM	123	Survey of Humanities III	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

Colorado Mountain College

✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | **www.coloradomtn.edu/advising** | **05-06 programs**

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

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
🔒	SOC	101	Introduction to Sociology I	3
🔒	SOC	102	Introduction to Sociology II	3

Colorado Mountain College Requirements

Colorado Mountain College Speech Requirement
 3 credits

✱	SPE	115	3

Wellness Requirements Transfer level:
PAC/PED/OUT/HSC/DAN/HWE100: 2 credits.

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, and marked with either a Lock for Guaranteed Transfer course or an asterisk (✱) in the Course Description section and CIS 115 or CIS 118 if required. No PAC or PED 100-249 or PED 275 courses allowed for this requirement:

grade/sem	course #	credit

Total Elective Credits (min.20) _____

Approved Transfer Credit

_____

_____

_____

_____

Total transfer credits allowed ___

Transfer Credits Approved by:

_____ *Date_____*

Total Credits Earned
State Guaranteed General Education Requirements (min. 35) ___
Public Speaking (SPE115) 3
Wellness Requirement (min. 2) ___
Electives (min. 20) ___
Total transfer credits allowed ___
Total credits toward Associate of Arts degree (min. 60) ___

Date Submitted Petition for Graduation on_____

⬆*Introduction to Literature.*

Colorado Mountain College

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 earns 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, students will enter with a junior standing in the school of business, and will only be required to take 60 more credits to earn the 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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

State Guaranteed Transfer Curriculum Requirements

grade	sem	course #			credit

English 6 credits

grade	sem				credit
		🔒 ENG	121	English Composition I	3
		🔒 ENG	122	English Composition II	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
🔒 MUS	120	Music Appreciation	3
🔒 MUS	121	Intro to Music History I	3
🔒 MUS	122	Intro to Music History II	3
🔒 THE	105	Intro to Theatre Arts	3
🔒 THE	211	Development of Theatre I	3
🔒 THE	212	Development of Theatre II	3

Literature (GT-AH2)

🔒 HUM	121	Survey of Humanities I	3
🔒 HUM	122	Survey of Humanities II	3
🔒 HUM	123	Survey of Humanities III	3
🔒 LIT	115	Intro to Literature I	3
🔒 LIT	201	Masterpieces of Literature I	3
🔒 LIT	202	Masterpieces of 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 with Lab	5
🔒 BIO	112	General College Biology II with Lab	5
🔒 CHE	101	Introduction to Chemistry I	5
🔒 CHE	102	Introduction to Chemistry II	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
🔒 PHY	111	Physics I: Algebra Based with Lab	5
🔒 PHY	112	Physics II: Algebra Based with Lab	5
🔒 PHY	211	Physics Calculus-Based I with Lab	5
🔒 PHY	212	Physics: Calculus-Based II with Lab	5

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

Economic & Political Systems (GT-SS1)

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

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Speech (Community College System Core Requirement)

✽ SPE	115	Public Speaking	3

Business Graduation Requirements

✽ ACC	121	Accounting Principles I	4
✽ ACC	122	Accounting Principles 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 transfer credits allowed ___

Transfer Credits Approved by:

_____ _Date_____

Total Credits Earned

State Guaranteed Transfer Requirements (min. 37) ___

Business Graduation Requirements (min.20) ___

Community College System Core Requirement (min. 3) ___

Total transfer credits allowed ___

Transfer Credits Approved by:

_____Date_____

Total credits toward Associate of Arts:

Business Emphasis degree (min. 60) ___

Date Submitted Petition for Graduation on_____

⬆ _Learning from each other makes it personal._

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05-06 programs | **www.coloradomtn.edu/advising** | ✽ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course

Colorado Mountain College

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 a 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 student's 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. Please see your advisor.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Requirements For All Early Childhood Education Students:

grade sem	course #	credit

English: 6 credits:

🔒 ENG 121 English Composition I	3
🔒 ENG 122 English Composition II	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 AND	✱ MAT 155 Integrated Math I	3
	✱ MAT 156 Integrated Math II	3

Science: 8-10 credits (2 lab based courses)

	🔒 GEY 111 Physical Geology I	4
OR	✱ BIO 105 Science of Biology	4
	🔒 BIO 111 General College Biology I with Lab	5
OR	✱ PHY 105 Conceptual Physics	4
OR	🔒 PHY 111 Physics I: Algebra-Based with Lab	5
OR	🔒 PHY 211 Physics: Calculus-Based I with Lab	5
OR	🔒 CHE 101 Introduction To Chemistry I	5
	🔒 CHE 111 General College Chemistry I	5

Social/Behavioral 9 credits

🔒 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)

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

Colorado Mountain College Speech Requirement
3 credits

✱ SPE 115 Public Speaking	3

Early Childhood Education Requirements:

✱ ECE	101	Intro to Early Childhood Education	3
ECE	102	Intro to Early Childhood LabTechniques	3
ECE	205	Nutrition, Health & Safety	3
ECE	238	Child Growth and Development	4
ECE	241	Administration: Human Relations for Early Childhood Education	3

Additional Credits Approved Electives determined by transferring institution	*6*
General Education Requirements	*35-37*
Education Graduation Requirements	*19*
Total Credits for Associate of Arts: Elementary Education	*60-62*

Date Submitted Petition for Graduation _____

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.

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✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | **www.coloradomtn.edu/advising** | **05-06 programs**

Colorado Mountain College

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 15 credits that will be required to complete the AA portion of this degree.

This program requires close coordination between the students and the 4-year college where they plan to finish. Students in this program must decide which 4-year college they plan to attend no later than the end of their first year at Colorado Mountain College. This allows the students both fall and spring semesters of their final year with CMC to complete the final 15 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 45.

Requirements For All Elementary Education Students:

grade	sem	course #		credit
Education 6 credits				
	✱	EDU 221	Introduction to Education	3
	✱	PSY 238	Child Development	3

grade	sem	course #		credit
English/Speech 9 credits				
	🔒	ENG 121	English Composition I	3
	🔒	ENG 122	English Composition II	3
	✱	SPE 115	Public Speaking	3

grade	sem	course #		credit
Mathematics: 6 credits (C or better)				
	✱	MAT 155	Integrated Math I	3
	✱	MAT 156	Integrated Math II	3

grade	sem	course #		credit
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

grade	sem	course #		credit
Social/Behavioral: 9 credits				
	🔒	GEO 105	World Regional Geography	3
	🔒	HIS 201	US History I	3
	🔒	POS 111	American Government	3

grade	sem	course #		credit
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 4-Year College	*15*
Credits listed above	*45-47*
Total Credits for Associate of Arts: Elementary Education	*60-62*

Date Submitted Petition for Graduation _____

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.

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Colorado Mountain College

| 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: Elementary Education 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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grade sem	course #			credit
Education: 3 credits (B or better)				
	✽ EDU	221	Intro 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	Intro to Theatre Arts	3

Foreign Language: 5 credits

	✽ SPA	111	Spanish I	5

Wellness Requirements
Transfer level PAC/PED/OUT/HSC/DAN/BIO 132: 2 credits.

Total credit requirements for Associate of General Studies Degree in Elementary Education (CMC-Mesa State Option)   **61-63**

Date Submitted Petition for Graduation _____

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.

Colorado Mountain College

✽ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | **www.coloradomtn.edu/advising** | **05-06 programs**

↓ **Associate of Arts: Outdoor Education** 1 of 2

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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

State Guaranteed General Education Transfer Requirements (36 min.)

grade sem   course #   credit

English 6 credits.

🔒	ENG	121	English Composition I	3
🔒	ENG	122	English Composition II	3

Mathematics 3 credits from the following courses:

🔒	MAT	120	Mathematics for the Liberal Arts	4
🔒	MAT	121	College Algebra	4
🔒	MAT	125	Survey of Calculus	4
🔒	MAT	135	Introduction to Statistics	3
🔒	MAT	201	Calculus I	5
🔒	MAT	202	Calculus II	5
	MAT		_____	3

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 with Lab	5
🔒	BIO	112	General College Biology II with Lab	5
🔒	CHE	101	Introduction to Chemistry I	5
🔒	CHE	102	Introduction to Chemistry II	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
🔒	PHY	111	Physics I: Algebra Based with Lab	5
🔒	PHY	112	Physics II: Algebra Based	5
🔒	PHY	211	Physics: Calculus-Based I	5
🔒	PHY	212	Physics: Calculus-Based 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

🔒	HUM	121	Survey of Humanities I	3
🔒	HUM	122	Survey of Humanities II	3
🔒	HUM	123	Survey of Humanities III	3
🔒	MUS	120	Music Appreciation	3
🔒	MUS	121	Music History I	3
🔒	MUS	122	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)

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

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

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
🔒	SOC	101	Introduction to Sociology I	3
🔒	SOC	102	Introduction to Sociology II	3

Colorado Mountain College Speech Requirement
3 credits

✱	SPE	115	Public Speaking	3

Wellness Requirements

Wellness Requirements Transfer level:
PAC/PED/OUT/HSC/DAN/HWE100: 2 credits.

Outdoor Education Leadership Requirements
9.5 credits

✽	HUM	137	Wilderness & the American Ethic	3
	HWE	103	Community First Aid and CPR	.5
✽	OUT	120	Orienteering	1
✽	OUT	187	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 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 and Practices	3
			Advised Elective (ANT, BIO, EDU, GEO, GEY,OUT)	3

Transfer level OUT/PED courses depending on student focus.

Total transfer credits allowed ___

Transfer Credits Approved by:

_____ *Date_____*

State Guaranteed General Education Requirements (min. 36) ____

Speech Requirement 3 credits ___

Wellness Requirements: (min. 2) ___

Outdoor Education Leadership Requirements (min 9.5) ___

Outdoor Education Orientation Requirements (min. 6) ___

Outdoor Education Electives (min. 4, maximum 7) ___

Total transfer credits allowed ___

Total credits toward Associate of Arts-Outdoor Education

Emphasis degree (min. 60.5) ___

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.

Date Submitted Petition for Graduation on: _____

↑*Experiential learning contributes to career success.*

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 45.

State Guaranteed General Education Curriculum Requirements:

grade sem   course #   credit

English 6 credits

🔒	ENG	121	English Composition I	3
🔒	ENG	122	English Composition II	3

Mathematics 3 credits from the following courses:

L	MAT	120	Math for Liberal Arts	4
🔒	MAT	121	College Algebra	4
🔒	MAT	125	Survey of Calculus	4
🔒	MAT	135	Introduction to Statistics	3
🔒	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	111	General College Biology I	5
🔒	BIO	112	General College Biology II	5
🔒	CHE	101	Intro to Chemistry I	5
🔒	CHE	102	Intro to Chemistry II	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
🔒	PHY	111	Physics I: Algebra Based	5
🔒	PHY	112	Physics II: Algebra Based	5
🔒	PHY	211	Physics I: Calculus Based	5
🔒	PHY	212	Physics II: Calculus Based	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

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

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	U.S. History I	3
🔒	HIS	202	U.S. History II	3

Economic & Political Systems (GT-SS1)

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

Geography (GT-SS2)

🔒	GEO	105	World 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
🔒	SOC	101	Introduction to Sociology	3
🔒	SOC	102	Introduction to Sociology II	3

Art Electives

✱	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

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Colorado Mountain College

⬆*Immerse yourself in the creative process.*

_____
_____
_____
_____
_____
_____

Total Elective Credits (min.20)   _____

Colorado Mountain College Requirements

Speech Requirement
3 credits

✽ SPE	115	3

Wellness Requirements
Transfer level PAC/PED/OUT/HSC/DAN/BIO 132: 2 credits.

_____
_____
_____
_____

TOTAL CREDITS EARNED

State Guaranteed Transfer Requirements (min. 35)   ___

Public Speaking SPE115   3

Art Electives (min. 20)   ___

Wellness Requirements (min. 2)   ___

Transfer Credits Allowed   ___

Total credits toward Associate of Arts:
Visual Arts Emphasis Degree (min. 60)   ___

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.

Date Submitted Petition for Graduation on: _____

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 scholarships. 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. 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 requirements are listed on the Associate of Science degree checklists.

↑ *At CMC "Learning for Life" is for everyone.*

STUDENT NAME	ADVISOR	DATE

Associate of Science The Associate of Science 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 Colorado Commission on Higher Education 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.

In addition to Speech and Wellness requirements, Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate computer proficiency via an examination administered by the college, or take CIS 115 or CIS 118. If you take the course, it will be applied to the elective credit within the degree.

General Option
State Guaranteed General Education Requirements
(36 credits minimum)

grade sem   course #   credit
Communications
2 courses (6 credit hours). Complete the following:

				credit
🔒	ENG	121	English Composition I	3
🔒	ENG	122	English Composition II	3

Mathematics
1 course (4 credit hours). Complete one of the following courses (GT-MA1). (Credits over 4 will be applied to the electives category):

🔒	MAT	121	College Algebra	4
🔒	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
🔒	MUS	120	Music Appreciation	3
🔒	MUS	121	Intro to Music History I	3
🔒	MUS	122	Introduction to Music History II	3
🔒	THE	105	Introduction to the Theatre Arts	3
🔒	THE	211	Development of Theatre I	3
🔒	THE	212	Development of Theatre II	3

Literature & Humanities (GT-AH2)

🔒	LIT	115	Intro to Literature I	3
🔒	LIT	201	Masterpieces of Literature I	3
🔒	LIT	202	Masterpieces of Literature II	3
🔒	HUM	121	Survey of Humanities I	3
🔒	HUM	122	Survey of Humanities II	3
🔒	HUM	123	Survey of Humanities III	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

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

Colorado Mountain College

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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
🔒	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* (GT-SC1). (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 with I Lab	5
🔒	BIO	112	General College Biology with II Lab	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
🔒	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 embedded within the regular class, please remember to sign up for one.

Colorado Mountain College Requirements

Speech Requirement 3 credits

✱	SPE	115	3

Wellness Requirements

Transfer level PAC/PED/OUT/HSC/DAN/HWE100 : 2 credits.

_____

_____

_____

Electives

You must complete an additional 19 credits in any of the Science or Mathematics disciplines (AST, BIO, CHE, GEY, MAT, PHY) numbered 100-299, marked with either a (🔒), General Transfer, or an asterisk (✱) in the Course Description section and CIS 115 or CIS 118 if required. No PAC or PED courses allowed for this requirement:

grade/sem course #   credit

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Total Elective Credits (min.19)   _____

Approved Transfer Credit

_____   _____

_____   _____

_____   _____

_____   _____

Total transfer credits allowed   _____

Transfer Credits Approved by:

_____ *Date* _____

Total Credits Earned

State Guaranteed General Education Requirements (min. 36) ___

Public Speaking (SPE115)   3

Wellness Requirement (min. 2)   ___

Electives (min. 19)   ___

Total transfer credits allowed   ___

Total credits toward Associate of Science degree (min. 60) ___

Date Submitted Petition for Graduation on_____

Signatures for Guaranteed Graduation Agreement

_____
Student

_____
CMC Advisor

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05-06 programs | www.coloradomtn.edu/advising | ✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course

Colorado Mountain College

STUDENT NAME	ADVISOR	DATE

Associate of Science: Biology Emphasis. The biology emphasis for the Associate of Science degree provides for a strong foundation in mathematics and science classes for students desiring a career in any of 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.

In addition to Speech and Wellness requirements, Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate computer proficiency via an examination administered by the college, or take CIS 115 or CIS 118. If you take the course, it will be applied to the elective credit within the degree.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

State Guaranteed General Education Requirements
(36 credits)

grade sem	course #			credit

Communication 2 courses (6 credit hours). Complete the following:

🔒 ENG	121	English Composition I (GT-CO1)	3
🔒 ENG	122	English Composition II (GT-CO2)	3

Mathematics 1 course (4 credit hours). Complete one of the following courses (GT-MA1). (Credits over 4 will be applied to the electives category):

🔒 MAT	121	College Algebra	4
🔒 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
	🔒 MUS	120	Music Appreciation	3
	🔒 MUS	121	Intro to Music History I	3
	🔒 MUS	122	Introduction to Music History II	3
	🔒 THE	105	Introduction to the Theatre Arts	3
	🔒 THE	211	Development of Theater I	3
	🔒 THE	212	Development of Theater II	3

Literature & Humanities (GT-AH2)

🔒 LIT	115	Introduction to Literature	3
🔒 LIT	201	Masterpieces of Literature I	3
🔒 LIT	202	Masterpieces of Literature II	3
🔒 HUM	121	Survey of Humanities I	3
🔒 HUM	122	Survey of Humanities II	3
🔒 HUM	123	Survey of Humanities III	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

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

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
🔒 SOC	101	Introduction to Sociology	3
🔒 SOC	102	Introduction to Sociology II	3

Physical & Life Sciences 2 laboratory-based courses* (GT-SC1). (8 credit hours). (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

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Colorado Mountain College

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↓ Associate of Science: Biology 2 of 2

Colorado Mountain College Requirements

Speech Requirement 3 credits

✽ SPE   115   3

Wellness Requirements
Transfer level PAC/PED/OUT/HSC/DAN/HWE100 : 2 credits.

Electives

You must complete an additional 19 credits in any of the Science or Mathematics disciplines (AST, BIO, CHE, GEY, MAT, PHY) numbered 100-299, marked with an (🔒), General Transfer, or an asterisk (✽) in the Course Description section and CIS 115 or CIS 118 if required. No PAC or PED courses allowed for this requirement.

grade/sem   course #   credit

Total Elective Credits (min.19)   _____

Approved Transfer Credit

_____   _____
_____   _____
_____   _____
_____   _____
_____   _____

Total transfer credits allowed   _____

Transfer Credits Approved by:

_____   *Date* _____

Total Credits Earned

State Guaranteed General Education Requirements (min. 36) ___

Public Speaking (SPE115)   3

Wellness Requirement (min. 2)   ___

Electives (min. 19)   ___

Total transfer credits allowed   ___

Total credits toward Associate of Science degree (min. 60) ___

Date Submitted Petition for Graduation on_____

Signatures for Guaranteed Graduation Agreement

_____
Student

_____
CMC Advisor

⬆ *Field and lab work complement your classroom learning.*

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Colorado Mountain College

STUDENT NAME | ADVISOR | DATE

Associate of Science: Chemistry Emphasis. This program combines general education requirements with a strong emphasis in math and science required for transfer into a chemistry program at a four-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 prerequisite 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.

In addition to speech and wellness requirements, Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate computer proficiency via an examination administered by the college, or take CIS 115 or CIS 118. If you take the course, it will be applied to the elective credit within the degree.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

State Guaranteed General Education Requirements
(36 credits)

grade	sem	course #			credit

Communication 2 courses (6 credit hours).
Complete the following:

					credit
	🔒	ENG	121	English Composition I (GT-CO1)	3
	🔒	ENG	122	English Composition II (GT-CO2)	3

Mathematics 1 course (4 credit hours). Complete one of the following courses (GT-MA1). (Credits over 4 will be applied to the electives category):

	🔒	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

🔒	MUS	120	Music Appreciation	3
🔒	MUS	121	Intro to Music History I	3
🔒	MUS	122	Introduction to Music History II	3
🔒	THE	105	Introduction to the 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	3
🔒	LIT	201	Masterpieces of Literature I	3
🔒	LIT	202	Masterpieces of Literature II	3
🔒	HUM	121	Survey of Humanities I	3
🔒	HUM	122	Survey of Humanities II	3
🔒	HUM	123	Survey of Humanities III	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

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

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
🔒	SOC	101	Introduction to Sociology	3
🔒	SOC	102	Introduction to Sociology II	3

Physical & Life Sciences 2 laboratory-based courses* (GT-SC1). (8 credit hours). (Credits over 8 will be applied to the electives category):

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

Colorado Mountain College

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Colorado Mountain College Requirements

Speech Requirement 3 credits

✱ SPE	115	3

Wellness Requirements
Transfer level PAC/PED/OUT/HSC/DAN/HWE100: 2 credits.

Electives

You must complete an additional 19 credits in any of the Science or Mathematics disciplines (BIO, CHE, GEY, MAT, PHY) numbered 100-299, marked with marked with an (🔒), General Transfer, or an asterisk (✱) in the Course Description section and CIS 115 or CIS 118 if required. No PAC or PED courses allowed for this requirement:

grade/sem	course #	credit

Total Elective Credits (min. 19) _____

Approved Transfer Credit

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Total transfer credits allowed _____
Transfer Credits Approved by:
_____ *Date* _____

Total Credits Earned

State Guaranteed General Education Requirements (min. 36) ___

Public Speaking (SPE115)   *3*

Wellness Requirement (min. 2)   ___

Electives (min. 19)   ___

Total transfer credits allowed   ___

Total credits toward Associate of Science degree (min. 60) ___

Date Submitted Petition for Graduation _____

Signatures for Guaranteed Graduation Agreement

_____
Student

_____
CMC Advisor

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⬆ *Choose from four different Associate of Science degrees.*

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 four-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 science, 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 prerequisite 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.

In addition to speech and wellness requirements, Colorado Mountain College requires its graduates to be proficient in computer use. To graduate, a student must demonstrate computer proficiency via an examination administered by the college, or take CIS 115 or CIS 118. If you take the course, it will be applied to the elective credit within the degree.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

State Guaranteed General Education Requirements
(36 credits)

grade	sem	course #			credit
Communication 2 courses (6 credit hours).					
Complete the following:					
		🔒 ENG	121	English Composition I (GT-CO1)	3
		🔒 ENG	122	English Composition II (GT-CO2)	3

Mathematics 1 course (4 credit hours). Complete one of the following courses (GT-MA1). (Credits over 4 will be applied to the electives category):

		🔒 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
	🔒 MUS	120	Music Appreciation	3
	🔒 MUS	121	Intro to Music History I	3
	🔒 MUS	122	Introduction to Music History II	3
	🔒 THE	105	Introduction to the 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	3
🔒 LIT	201	Masterpieces of Literature I	3
🔒 LIT	202	Masterpieces of Literature II	3
🔒 HUM	121	Survey of Humanities I	3
🔒 HUM	122	Survey of Humanities II	3
🔒 HUM	123	Survey of Humanities III	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

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

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
🔒 SOC	101	Introduction to Sociology	3
🔒 SOC	102	Introduction to Sociology II	3

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Colorado Mountain College

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Physical & Life Sciences 2 laboratory-based courses* (GT-SC1). (8 credit hours). (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

Colorado Mountain College Requirements

Speech Requirement 3 credits

✽	SPE	115	3

Wellness Requirements

Transfer level PAC/PED/OUT/HSC/DAN/HWE100: 2 credits.

Electives

You must complete an additional 19 credits in any of the Science or Mathematics disciplines (BIO, CHE, GEY, MAT, PHY) numbered 100-299, marked with marked with an (🔒), General Transfer, or an asterisk (✽) in the Course Description section and CIS 115 or CIS 118 if required. No PAC or PED courses allowed for this requirement.

grade/sem	course #	credit

Total Elective Credits (min. 19) _____

Approved Transfer Credit

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Total transfer credits allowed _____

Transfer Credits Approved by:

_____ Date _____

Total Credits Earned:

State Guaranteed General Education Requirements (min. 36) ___

Public Speaking (SPE115)   *3*

Wellness Requirement (min. 2)   ___

Electives (min. 19)   ___

Total transfer credits allowed   ___

Total credits toward Associate of Science degree (min. 60) ___

Date Submitted Petition for Graduation _____

Signatures for Guaranteed Graduation Agreement

_____
Student

_____
CMC Advisor

⬆ *Associate of all of the science options include lab components.*

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Colorado Mountain College

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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.

⬆*Students master the basics of English in English as a Second Language class.*

| STUDENT NAME | | ADVISOR | | DATE |

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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

General Education

English (3 credits)

grade sem	course #			credit
	🔒 ENG	121	English Composition I	3
	🔒 ENG	122	English Composition II	3

Mathematics/Science 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 with Lab	5
	🔒 BIO	112	General College Biology II with Lab	5
	🔒 CHE	101	Introduction to Chemistry I	5
	🔒 CHE	102	Introduction to Chemistry II	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	Mathematics for the Liberal Arts	4
	🔒 MAT	121	College Algebra	4
	🔒 MAT	125	Survey of Calculus	4
	🔒 MAT	135	Introduction to Statistics	3
	🔒 MAT	201	Calculus I	5
	🔒 MAT	202	Calculus II	5
	🔒 PHY	111	Physics I: Algebra Based with Lab	5
	🔒 PHY	112	Physics II: Algebra Based 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
	🔒 ECO	201	Principles of Macroeconomics	3
	🔒 ECO	202	Principles of Microeconomics	3
	🔒 GEO	105	World Regional 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
	🔒 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 I	3
	🔒 SOC	102	Introduction to Sociology II	3

Humanities 3 credits from the following courses:

	🔒 ART	110	Art Appreciation	3
	🔒 ART	111	Art History I	3
	🔒 ART	112	Art History II	3
	🔒 HUM	121	Survey of Humanities I	3
	🔒 HUM	122	Survey of Humanities II	3
	🔒 HUM	123	Survey of Humanities III	3
	🔒 LIT	115	Introduction to Literature	3
	🔒 LIT	201	Masterpieces of Literature I	3
	🔒 LIT	202	Masterpieces of Literature II	3
	🔒 MUS	120	Music Appreciation	3
	🔒 MUS	121	Music History I	3
	🔒 MUS	122	Music History II	3
	🔒 PHI	111	Introduction to Philosophy	3
	🔒 PHI	112	Ethics	3
	🔒 PHI	113	Logic	3
	🔒 THE	105	Introduction to Theatre Arts	3
	🔒 THE	211	Development of Theatre I	3
	🔒 THE	212	Development of Theatre II	3

Other Electives

(Minimum 25 credits) Selected from courses numbered 100-299. No PAC/PED 100-249 or PED 275 courses allowed for this requirement.

grade/sem	course #		credit

Total Elective Credits (min. 25) _____

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Speech Requirement 3 credits

✽ SPE 115   3

Wellness Requirements 2 credits

Transfer level PAC/PED/OUT/HSC/DAN

Approved Transfer Credit

Total transfer credits allowed   ___

Transfer Credits Approved by:

_____ *Date*_____

Total Credits Earned

General Education (min. 12)   ___

State Guarantee & Transfer Electives (min. 18)   ___

Other Electives (min. 25)   ___

Public Speaking Requirement (3 credits)   ___

Wellness Requirements: (min. 2)   ___

Total transfer credits allowed   ___

Total credits toward Associate of General Studies degree

(min. 60)

     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.

Date Submitted Petition for Graduation_____

Signatures for Guaranteed Graduation Agreement

_____

Student

_____

CMC Advisor

⬆*Computers networked across the mountains and to the world.*

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Colorado Mountain College

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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.
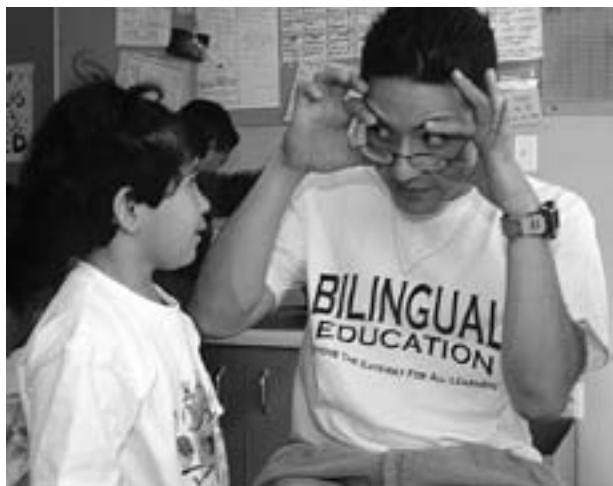
↑*Open your eyes to a bigger brighter world through education.*

Requirements For All Bilingual Elementary Education Students

grade sem	course #			credit
Education 15 credits				
	✻ 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 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

General Education (min. 38) ___

Elementary Education (min. 21) ___

Approved Transfer Credit

_____

_____

_____

_____

_____

Total transfer credits allowed ___

Transfer Credits Approved by:

_____ *Date_____*

Total credits toward Associate of General Studies:

Bilingual Elementary Education Emphasis degree (min. 60) ___

Date Submitted Petition for Graduation_____

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Colorado Mountain College

STUDENT NAME	ADVISOR	DATE

Associate of General Studies: Engineering The Community College Engineering Associate of General Studies 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 Boulders' 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 prerequisite 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

State Guaranteed General Education Requirements

Grade/sem	course #			credit

Required Mathematics 18 credits:

				credit
🔒	MAT	201	Calculus I	5
🔒	MAT	202	Calculus II	5
🔒	MAT	203	Calculus III	4
✱	MAT	266	Differential Equations w/ Linear Algebra	4

Required Science 18 credits:

				credit
🔒	PHY	211	Physics: Calculus-Based I with Lab	5
🔒	PHY	212	Physics: Calculus-Based II with Lab	5
✱	PHY	213	Physics III: Calculus Based	3
🔒	CHE	111	General College Chemistry I	5

Engineering Emphasis 18 credits

				credit
	CAD	101	Computer Aided Drafting I	3
✱	EGG	130	Intro 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

State Guaranteed General Education Requirements:

Required Social & Behavioral Sciences:

3 courses 9 credits:

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

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

Arts & Humanities:

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

Or

Social & Behavioral Sciences:

				credit
🔒	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
🔒	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)	___

Date Submitted Petition for Graduation _____

Colorado Mountain College

✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | **www.coloradomtn.edu/advising** | **05-06 programs**

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 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 Financial Aid and Scholarship and section for details.

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

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

State Guaranteed General Education Requirements

grade	sem	course #			credit

English 6 credits

	🔒 ENG	121	English Composition I		3
	🔒 ENG	122	English Composition II		3

Mathematics 3 credits from the following courses:

🔒 MAT	120	Mathematics for the Liberal Arts		4
🔒 MAT	121	College Algebra		4
🔒 MAT	125	Survey of Calculus		4
🔒 MAT	135	Introduction to Statistics		3
🔒 MAT	201	Calculus I		5
🔒 MAT	202	Calculus II		5
MAT				

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 with Lab		5
🔒 BIO	112	General College Biology II with Lab		5
🔒 CHE	101	Introduction to Chemistry I		5
🔒 CHE	102	Introduction to Chemistry II		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
🔒 PHY	111	Physics I: Algebra Based with Lab		5
🔒 PHY	112	Physics II: Algebra Based 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 9 credits from three of the following groups of courses (one must be history) (groups are delineated by typestyle):

🔒 ANT	101	Cultural Anthropology		3
🔒 ANT	111	Physical Anthropology		3
🔒 ECO	201	Principles of Macroeconomics		3
🔒 ECO	202	Principles of Microeconomics		3
🔒 GEO	105	World Regional 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
🔒 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 I		3
🔒 SOC	102	Introduction to Sociology II		3

Humanities 9 credits from three of the following groups of courses:

🔒 ART	110	Art Appreciation		3
🔒 ART	111	Art History I		3
🔒 ART	112	Art History II		3
🔒 HUM	121	Survey of Humanities I		3
🔒 HUM	122	Survey of Humanities II		3
🔒 HUM	123	Survey of Humanities III		3
🔒 LIT	115	Introduction to Literature I		3
🔒 LIT	201	Masterpieces of Literature I		3
🔒 LIT	202	Masterpieces of Literature II		3
🔒 MUS	120	Music Appreciation		3
🔒 MUS	121	Music History I		3
🔒 MUS	122	Music History II		3

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Colorado Mountain College

🔒 PHI	111	Introduction to Philosophy	3
🔒 PHI	112	Ethics	3
🔒 PHI	113	Logic	3
🔒 THE	105	Introduction to Theatre Arts	3
🔒 THE	211	Development of Theatre I	3
🔒 THE	212	Development of Theatre II	3

Colorado Mountain College Requirements

Speech Requirement 3 credits

✱ SPE	115		3

Wellness Requirements 2 credits
Transfer level PAC/PED/OUT/HSC/DAN

Criminal Justice Emphasis 27 credits

✱ CRJ	110	Intro 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

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↑ *If you'd like to "serve and protect," our Criminal Justice or CLETA programs may be for you.*

Total credits earned

General Education (min. 35) ___

Wellness Requirements: (min. 2) ___

Public Speaking Requirement (3) ___

Criminal Justice (min. 27) ___

Total transfer credits allowed ___

Total credits toward Associate of General Studies:

Criminal Justice emphasis (min. 67) ___

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.

Date Submitted Petition for Graduation _____

STUDENT NAME | ADVISOR | DATE

Associate of General Studies: Outdoor Recreation Leadership Emphasis. The Outdoor Recreation Leadership program at the Timberline Campus in Leadville combines the disciplines of a college education with outdoor and leadership skills. 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 are not only able to train others in a variety of outdoor recreation skill areas, but are also able to provide an environmentally conscious interpretation of the environments through which they travel. 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's Department of Natural Resources Recreation and Tourism and Western State College's Department of Recreation.

A strong academic core transfer curriculum is combined with a variety of recreation, physical activity and orientation courses. The Outdoor Recreation Leadership program emphasizes leadership training and provides a strong foundation in the 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.

The Outdoor Recreation Leadership program is academically challenging. Because of scheduling in a block system, applicants must fulfill preliminary requirements before enrolling in specific courses. You 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. Your placement scores may affect the sequence of courses in which you enroll and may extend the time required to complete this program. 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

First Semester

				Credits
🔒	ENG	121	English Composition I	3
✱	PER	100	Outdoor Recreation Principles & Practice	3
✱	OUT	120	Orienteering	1
✱	OUT	111	Mountain Orientation	2
	OUT	211	Outdoor Leadership Skills	2
	OUT		Skills 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		Skills Block	4
				17

Third Semester

✱	BIO	120	Introduction to Natural History	3
✱	BIO	222	General College Ecology	4
✱	OUT	113	Canyon Orientation	2
✱	HUM	137	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
✱	OUT	114	Snow Orientation	2
OR				
	OUT	220	Ocean Orientation	2
	OUT	295	Integrating Outdoor Leadership	1
✱			General Education Elective (See below)	3
				12-13

Summer Semester

✱	OUT	187	Internship: Outdoor Leadership	1
	OUT	287	Internship: Outdoor Leadership	2
				3

Required General Education Electives:

6-7 credits (Choose 2):

🔒	ANT	101	Cultural Anthropology	3
	SBM	115	Small Business Management	3
🔒	GEY	111	Physical Geology	4
✱	ANT	107	Introduction to Archaeology	3
✱	CIS	118	Intro to PC Applications	3

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.

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Outdoor Recreation Leadership Skills Block Electives
(see your advisor for scheduling the following skill block)

Kayak Touring (Fall only)

OUT	230	Kayak Touring Skill Block	4

Mountaineering (Fall Only)

OUT	232	Mountaineering Skill Block	4

Rock Climbing (spring only)

OUT	234	Rock Climbing Skill Block	4

Ice Climbing (Spring only)

OUT	126	Ice Climbing	1
OUT	135	Intermediate Ice Climbing	1
OUT	214	Expedition Leadership: Ice Climbing	2

Telemark Skiing (Spring only)

OUT	123	Telemark Skiing	1
OUT	134	Intermediate Telemark Skiing	1
OUT	215	Expedition Leadership: Telemark Skiing	2

White Water (spring only)

OUT	121	White Water Rafting	1
OUT	127	River Kayaking	1
OUT	204	Expedition Leadership: River Field Experience	2

↑*Adventure and discipline combine for highest achievements.*

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*

Date Submitted Petition for Graduation _____

Occupational Certificates and Degrees

Planning Your Career. Whatever direction you choose, the Occupational 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 2.0 ("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 201	Human Anatomy and Physiology I
BIO 202	Human Anatomy and Physiology II
BIO 230	Animal Anatomy and Physiology I
BIO 231	Animal Anatomy and Physiology I Lab
BIO 232	Animal Anatomy and Physiology II
BIO 233	Animal Anatomy and Physiology II Lab
BUS 217	Business Communications & Report Writing
CIS 118	Intro to PC Applications
ENG 105	Applied Communications
ENG 115	Technical English and Communication
ENG 131	Technical Writing I
MAT 106	Survey of Algebra
MAT 107	Career Math
MAT 108	Technical Math
PSY 106	Human Relations
PSY 211	Leadership Development
PSY 235	Human Growth & Development
SPE 115	Public Speaking

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.

Certificate 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.

⭡ *The world awaits…join us at CMC!*

Associate of Applied Science: Accounting

Certificate: Accounting

STUDENT NAME | ADVISOR | DATE

Associate of Applied Science Degree. 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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45. 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

				credits
✽	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	Principles of Accounting II	4
✽	BUS	217	Business Comm.& 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: Excel	3
				16

Third Semester

✽	BUS	216	Legal Environment of Business	3
✽	ACC	131	Income Tax	3
	ACC		Accounting Elective	4
	ACC		Accounting Elective	4
				14

Fourth Semester

✽	ACC	235	Computerized Accounting	3
✽	SPE	115	Public Speaking	3
	ACC		Accounting Elective	4
	ACC		Accounting Elective	4
				14

Minimum Credit Hours Required **60-61**

Minimum Contact Hours Required **900-915**

Date Submitted Petition for Graduation _____

Certificate. In one year, the Accounting Certificate program 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45. 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

				Credits
✽	ACC	121	Principles of Accounting I	4
🔒	ENG	121	English Composition I	3
	MAT	107	Career Math	(3)
🔒	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	Principles of Accounting II	4
✽	ACC	235	Computerized Accounting	3
✽	CIS	155	PC Spreadsheet Concepts: Excel	3
✽	BUS	217	Bus. Comm. & Report Writing	3
	ACC		Accounting Elective	3
	ACC		Accounting Elective	3
				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	Intro to Accounting Info Systems & eBusiness	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**

Date Submitted Petition for Graduation: _____

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Colorado Mountain College

STUDENT NAME	ADVISOR	DATE

Certificate. This program has been developed for the student with a background in animal care, management and/or medicine who 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 prerequisites 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

The 220-acre Veterinary Technology Farm at Spring Valley is home to the Colorado Animal Rescue Shelter and numerous animal species.

				Credits
	VET	105	Animal Handling and Restraint	2
	VET	189	Cooperative Work Experience	3
	VET	260	Veterinary Clinic Management	3
	ACC	101	Fundamentals of Accounting	3
	SBM	115	Small Business Management	3
OR				
	MAN	200	Human Resource 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 **19-21**

Minimum Contact Hours Required **367.5 - 397.5**

Date Submitted Petition for Graduation _____

Colorado Mountain College

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↓ Certificate: Automotive Service Technology 1 of 1

STUDENT NAME	ADVISOR	DATE

Certificate. 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 prerequisites for courses within this certificate. 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, 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

General Program Requirements

			Credits
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 and 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 and 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**

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Colorado Mountain College

Associate of Applied Science: Business

Certificate: Business

STUDENT NAME   ADVISOR   DATE

Associate of Applied Science Degree. 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 list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

First Semester

				Credits
✽	ACC	121	Accounting Principles I	4
✽	BUS	115	Introduction to Business	3
✽	CIS	118	Introduction to PC Applications	3
🔒	ENG	121	English Composition I	3
🔒	ECO	201	Principles of Macroeconomics	3
				16

Second Semester

✽	ACC	122	Principles of Accounting II	4
✽	BUS	217	Business Comm. & Report Writing	3
🔒	ECO	202	Principles of Microeconomics	3
✽	BUS	226	Business Statistics	3
	CIS	155	PC Spreadsheet Concepts: Software	2
				15

Third Semester

✽	BUS	216	Legal Environment of Business	3
	MAN	200	Human Resource Management I	3
✽	PSY	106	Human Relations	3
			Advised Electives (ACC, BUS, MAN, MAR, SBM)	3
				12-14

Fourth Semester

🔒	PHI	112	Ethics	3
✽	SPE	115	Public Speaking	3
			Advised Electives (ACC, BUS, MAN, MAR, SBM)	3
			Advised Electives (ACC, BUS, MAN, MAR, SBM)	3
			Advised Electives (ACC, BUS, MAN, MAR, SBM)	3
				15

Electives

	SBM	115	Small Business Management	3
	SBM	287	Cooperative Education	3
	SBM	151	Small Business Planning	3
	MAR	111	Principles of Sales	3
	MAR	117	Principles of Retailing	3
	MAR	220	Principles of Advertising	3
✽	ACC	231	Business Taxation	3
			Advised Elective (ACC, BUS, MAN, MAR, SBM)	3

Minimum Credit Hours Required **60**

Minimum Contact Hours Required **900**

Date Submitted Petition for Graduation_____

Certificate. 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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Required Courses

				Credits
✽	ACC	121	Principles of Accounting I	4
✽	ACC	122	Principles of Accounting II	4
✽	BUS	115	Intro 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 (Choose One)

✽	BUS	217	Business Comm. & Report Writing	3
✽	SPE	115	Public Speaking	3
				3

Business Electives (Choose Two)

	SBM	115	Small Business Management	3
	SBM	287	Cooperative Education	3
	SBM	151	Small Business Planning	3
	MAN	200	Human Resource Management I	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
				6

Minimum Credit Hours Required **38**

Minimum Contact Hours Required **570**

Date Submitted Petition for Graduation_____

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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 his or her 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).

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

↑ *The CLETA program, like all CMC programs, is experiential and hands-on.*

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Required Courses

			Credits
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**

Date Submitted Petition for Graduation _____

It is strongly recommended 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

Colorado Mountain College

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. The Criminal Justice degree program teaches the legal, technical and procedural skills required of professional corrections officers. The program is designed for students seeking entry-level skills and those currently employed in this field who want to upgrade their knowledge and skills.

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.

The Gavin D. Litwiller Scholarship in Law provides assistance for students who are pursuing careers in the judicial system. See the scholarship section for application information.

Graduates of the program will receive an Associate of Applied Science Degree in Criminal Justice.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Criminal Justice courses are described in the Course Description section. Student must meet all CLETA program requirements for the Law Enforcement option.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

First Semester

				Credits
✽	CRJ	110	Introduction to Criminal Justice	3
	CRJ	112	Procedural Criminal Law	3
🔒	ENG	121	English Composition I	3
✽	PSY	101	General Psychology	3
				12

Second Semester

				Credits
✽	CRJ	111	Substantive Criminal Law	3
✽	CRJ	220	Human Relations & Social Conflicts	3
🔒	ENG	122	English Composition II	3
	MAT	107	Career Math	3
🔒	PSY	102	General Psychology II	3
				15

Third Semester

				Credits
	CRJ	216	Juvenile Law and Procedures	3
	CRJ	130	Evidence and Courtroom Procedures	3
✽	CIS	118	Introduction to PC Applications	3
✽	SOC	101	Introduction to Sociology I	3
✽	SPE	115	Public Speaking	3
				15

CORRECTIONS Option:

Fourth Semester

			Credits
CRJ	215	Constitutional Rights of Inmates	3
CRJ	255	Organizational Management of Correctional Institutions	3
CRJ	146	Community Based Corrections	3
CRJ	249	Penology	3
CRJ	128	Civil Law	2
CRJ		Advised Electives	4
			18

Minimum Credit Hours Required	*60*
Minimum Contact Hours Required	*900*

Date Submitted Petition for Graduation _____

LAW ENFORCEMENT Option:

			Credits
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
			32

Minimum Credit Hours Required	**74**
Minimum Contact Hours Required	**1223**

Date Submitted Petition for Graduation _____

If you do not possess current certification in First Aid and infant/child CPR, the following course will also be required:

	Credits
HWE 103 Community First Aid & Safety	.5

⬆ *Corrections and Law Enforcement options are hands on.*

Associate of Applied Science: Culinary Arts

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. Career opportunities for professional chefs represent one of the fastest growing employment fields in the United States.

This program combines an Associate of Applied Science degree with a 4,000-hour, European-style, American Culinary Federation 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.

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 with The American Culinary Federation as an Apprentice Culinarian.

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 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 Culinarian certification toward becoming a Certified Executive Chef.

The Culinary Arts Institute Scholarship is available. See the scholarship section for application information.

You must demonstrate reading, writing, and math 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

↑ *Culinary Arts students learn presentation techniques at fine restaurants.*

Second Year

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
CIS	118	Introduction to PC Applications	3
			22

Third Year

🔒 ENG	121	English Composition	3
✱ SPE	115	Public Speaking	3
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
		Advised General Ed Elective	3
			22

Minimum Credit Hours Required	**66**
Minimum Contact Hours Required	**4817.5**

Date Submitted Petition for Graduation _____

First Year

			Credits
CUA	101	Food Safety Sanitation	2
CUA	121	Introduction to Food Production Principles & Practices	1
CUA	122	Introduction to Hot Foods	1
CUA	123	Introduction to Garde Manger	1
CUA	124	Vegetable Preparation and Breakfast Cookery	1
CUA	131S	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	126	Introduction to Soups and Sauces	1
CUA	242	Intermediate Garde Manger	1
CUA	251	Advanced Garde Manger: Hors d'oeuvres	1
MAT	107	Career Math	3
			22

Colorado Mountain College

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. The Early Childhood Education program enables students to meet the educational qualifications 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.

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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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

				Credits
✱	ECE	101	Intro to Early Childhood Education	3
	ECE	102	Intro to Early Childhood Lab Techniques	3
	ECE	111	Infant & Toddler Theory and Practice	3
	ECE	112	Intro 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
	ECE	205	Nutrition, Health and 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
		Any Advised Elective (min. 3 cr)	
		Any Advised Elective (min. 3 cr)	
			45

Minimum Credit Hours Required	*60*
Minimum Contact Hours Required	*990*

Date Submitted Petition for Graduation _____

⬇ Certificate: Early Childhood Education Director

Certificate. The Early Childhood 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Early Childhood Education: Director

				Credits
✱	ECE	101	Intro 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
✱	PSY	238	Child Growth and Development	4
	ECE	205	Nutrition, Health & Safety	3
	ECE	241	Administration: Human Relations for EC Professions	3
	ECE	240	Administration of Early Childhood Care and Education Programs	3

Minimum Credit Hours Required	**24**
Minimum Contact Hours Required	**405**

Date Submitted Petition for Graduation _____

↓ Certificate: Early Childhood Education Group Leader

↓ Certificate: Electrician

STUDENT NAME	ADVISOR	DATE

Certificate. The Early Childhood 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Early Childhood Education: Group Leader   Credits

✽	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
	ECE	220	Curriculum Development Methods & Techniques	3
✽	PSY	238	Child Growth and Development	4

Minimum Credit Hours Required	**15**
Minimum Contact Hours Required	**270**

Date Submitted Petition for Graduation _____

Certificate. The Electrician Apprenticeship program consists of 576 hours of classroom training, or 144 hours per year, and 8,000 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Year 1: Introduction to Electricity & Wiring I   Credits

ELC	121	Electricity and Wiring I	5
ELC	122	Electricity and Wiring II	5

Minimum Credit Hours Required	**10**
Minimum Contact Hours Required	**144**

Year 2: 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**

Year 3: 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**

Year 4: 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**

Totals:

Total Minimum Credit Hours Required	**40**
Total Minimum Contact Hours Required	**576**

Date Submitted Petition for Graduation _____

05-06 programs | www.coloradomtn.edu/advising | ✽ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course

Colorado Mountain College

| Certificate: EMT/EMS Basic | Certificate: EMT-Paramedic |

| STUDENT NAME | ADVISOR | DATE |

Certificate. 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

			Credits
EMS	125	EMT Basic	9
EMS	170	EMT Basic Clinical	1

Minimum Credit Hours Required	**10**
Minimum Contact Hours Required	**176**

Date Submitted Petition for Graduation _____

Certificate. The Emergency Medical Technician - Paramedic 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 students for the National Registry Paramedic Examination. Students are responsible for all associated costs, including: 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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Current prerequisites for EMT-Paramedic admission are:

			Credits
EMS	125	EMT-Basic	9
EMS	170	EMT-Basic Clinical	1
🔒 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		Provider C certification or equivalent	
			21

Paramedic Certificate Required Courses

EMS	225	Fundamentals of Paramedic Practice	3
EMS	226	Fund. 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	**50**
Minimum Contact Hours Required	**1297.5**

Date Submitted Petition for Graduation _____

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. 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 costs 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.

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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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

				Credits
🔒	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**

Date Submitted Petition for Graduation _____

⬆ *First aid and emergency care.*

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Colorado

⬇ Associate of Applied Science:
Fire Science Technology

⬇ Certificate:
Fire Academy I

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. The Fire Science Technology program 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 prerequisites for courses within this degree or certificate. 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, please see the Academic Placement and Testing section.

Graduates of the program will receive an Associate of Applied Science Degree in Fire Science Technology.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

Required Courses

			Credits
FST	102	Intro 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 I	3
FST	201	Instructional Methodology	3
FST	202	Firefighting Strategy & Tactic	3
FST	203	Fire Science Hydraulics	3
FST	204	Fire Codes & Ordinances	3
FST	205	Fire Cause and Determination	3
FST	206	Company Officer Supv. & Leadership	3
			36

General Education Requirements

✽ CIS	118	Introduction to PC Applications	3
🔒 CHE	101	Intro to Chemistry I	5
🔒 ENG	121	English Composition I	3
MAT	107	Career Math	3
✽ SPE	115	Public Speaking	3
🔒 PSY	101	General Psychology I	3
			20

Electives (Choose a minimum of 8 credits)

	FST	100	Firefighter I	5
	FST	151	Driver Operator	3
	FST	152	Wildland Firefighter	3
	EMS	125	EMT Basic	9
AND	EMS	170	EMT Basic Clinical	1
	FST	254	Hazardous Materials Technician	3

Minimum Credit Hours Required **64**

Minimum Contact Hours Required 975

Date Submitted Petition for Graduation_____

Certificate. The Fire Academy I 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 prerequisites for courses within this degree or certificate. 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, 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.

The Fire Academy I Certificate is offered at the Timberline-Chaffee County, Rifle, and Vail-Eagle Valley Campuses.

	EMS	125	EMT Basic	9
AND	EMS	170	EMT Basic Clinical	1
	FST	100	Fire Fighter I	9
	FST	107	Hazardous Materials Operations (Level I)	3

Minimum Credits Required **22**

Minimum Contact Hours Required **326**

Date Submitted Petition for Graduation_____

⬇ Certificate: Fire Academy II

Certificate. The Fire Academy II 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 prerequisites for courses within this degree or certificate. 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, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Fire Academy II.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

FST	101	Fire Fighter II	3
FST	254	Hazardous Materials Technician	3

Minimum Credits Required **6**

Minimum Contact Hours Required **90**

Date Submitted Petition for Graduation_____

STUDENT NAME   ADVISOR   DATE

Associate of Applied Science Degree. The Golf Club Management degree prepares 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 prerequisites for courses within this degree or certificate. Your proficiency may affect the sequence of courses in which you can enroll and may 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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 Communication & 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 Acctg.	3
			21

Advised Electives (21 credits)

GCM	187	Work Experience	6
GCM	240	Tournament Operations and the Rules of Golf	3
GCM	260	Club Fitting and Repairs	3
GCM	287	Cooperative Work Experience	6
HOS	219	Hospitality Law	3
HOS	226	Supervision in the Hospitality Industry	3
HOS	246	Marketing Hospitality Services	3
HOS	281	Resort Facilities Management and Design	3
✻ ACC	121	Accounting Principles I	4
✻ ACC	122	Accounting Principles II	4
		Advised Elective (GCM, HOS, SKB, HLT)	3

Minimum Credit Hours Required **60**
Minimum Contact Hours Required **900**

Date Submitted Petition for Graduation _____

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05-06 programs | www.coloradomtn.edu/advising | ✻ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course

Colorado Mountain College

STUDENT NAME   ADVISOR   DATE

Associate of Applied Science Degree. The Graphic Design Associate of Applied Science degree program prepares 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 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 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Following is a suggested sequence of courses. See your advisor to develop your own schedule.

First Semester

				Credits
	MGD	101	Introduction to Computer Graphics	3
	MAT	107	Career Math	3
OR				
🔒	MAT	121	College Algebra	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
	MGD	105	Typography & Layout	3
	MGD	111	Adobe Photoshop I	3
	MGD	112	Adobe Illustrator I	3
	MGD	207	Illustration I	3
✲	SPE	115	Public Speaking	3
				18

Third Semester

	MGD	133	Graphic Design I	3
	MGD	208	Illustration II	3
	MGD	213	Electronic Prepress	3
	PHO	205	Digital Photography I	3
🔒	ENG	121	English Composition I	3
✲	PSY	106	Human Relations	3
OR				
🔒	PSY	101	General Psychology I	3
				18

Fourth Semester

	MGD	203	Design & Concept	3
	MGD	233	Graphic Design II	3
	MGD	289	Capstone	3
✲	MAN	216	Small Business Management	3
OR				
✲	BUS	115	Introduction to Business	3

PLUS choose one of the following:

	MGD	141	Web Design I	3
	MGD	287	Cooperative Education	3
	MGD	212	Adobe Illustrator II	3
			Advised Elective (MGD, CWB, ART)	3
				15

Minimum Credit Hours Required   **66**
Minimum Contact Hours Required   **1397.5**

Date Submitted Petition for Graduation _____

⬆ *Spring Valley Campus offers both Mac and PC computer labs.*

Colorado Mountain College

Certificate: Graphic Design

Certificate: Graphic Design for the Internet

STUDENT NAME | ADVISOR | DATE

Certificate. The Graphic Design 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.

Requirements Credits

	MGD	101	Introduction to Computer Graphics	3
	MGD	105	Typography & Layout	3
	MGD	111	Adobe Photoshop I	3
	MGD	112	Adobe Illustrator I	3
	MGD	203	Design and Concept	3
	MGD	213	Electronic Pre-press	3
✴	MAN	216	Small Business Management	3
✴	ART	131	2-D Design	3
🔒	ENG	121	English Composition I	3
				15

Minimum Credit Hours Required **27**
Minimum Contact Hours Required **562.5**

Date Submitted Petition for Graduation_____

Certificate. The Graphic Design for Internet 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Requirements Credits

	MGD	101	Introduction to Computer Graphics	3
	MGD	111	Adobe Photoshop I	3
	MGD	112	Adobe Illustrator I	3
	MGD	118	Digital Color Theory	3
	MGD	141	Web Design I	3
	MDG	143	Web Motion Graphic Design I (Software)	3
	MGD	241	Web Design II	3
✴	ART	131	2-D Design	3
🔒	ENG	121	English Composition I	3

Minimum Credit Hours Required **27**
Minimum Contact Hours Required **585**

Date Submitted Petition for Graduation_____

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STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. The Information Technology 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+, Network+, Security+, HTI+, CCNA, and CCNP.

The AAS 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 Associate 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 AAS Degree.

You 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 you 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Information Technology AAS degree
Required General Education for all Areas of Emphasis
(Areas of Emphasis/Certificates are listed below the General Education Requirements)

				Credits
	🔒 ENG	121	English Composition I	3
OR	MAT	107	Career Math	3
	🔒 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	Intro 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 A.A.S. Degree:

A+ Computer Technician
CISCO Certified Network Professional (CCNA)
CISCO Certified Network Professional (CCNP)
Home Technology Integration
Information Security Specialist
Microsoft Office Specialist
Microcomputer Specialist
Network +
Web Application Developer
Web Site Developer Certificate

Certificate: A+ Computer Technician

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 list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Graduates of this program will be eligible to receive a Certificate of Occupational Proficiency in A+ Computer Technician.

				Credits
	CNG	121	Computer Technician I: A+	4
	CNG	122	Computer Technician II: A+	3

Minimum Credit Hours Required **7**

Minimum Contact Hours Required

94

Certificate:
CISCO Certified Network Associate

STUDENT NAME	ADVISOR	DATE

Certificate:
Home Technology Integration

Certificate. 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. Graduates of the program will receive a Certificate of Occupational Proficiency in CISCO Certified Network Associate. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

			Credits
CNG	260	CISCO Network Associate I	5
CNG	261	CISCO Network Associate II	5
CNG	262	CISCO Network Associate III	5
CNG	263	CISCO Network Associate IV	5

Minimum Credit Hours Required **20**

Minimum Contact Hours Required **300**

Certificate:
CISCO Certified Network Professional

Certificate. 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. Graduates of the program will receive a Certificate of Occupational Proficiency in CISCO Certified Network Professional. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

			Credits
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 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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

			Credits
CIS	128	Windows Complete	3
CNG	101	Introduction to Networking	3
CNG	264	Home Integration	5
			9

Minimum Credit Hours Required **9**

Minimum Contact Hours Required **202.5**

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↑ *Labs are fully equipped*

Colorado Mountain College

Certificate:
Information Security Specialist

STUDENT NAME   ADVISOR   DATE

Certificate. 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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

				Credits
	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

Certificate. The Microsoft Office® Specialist 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®.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

				Credits
	CIS	110	Introduction to the PC	1
OR				
✲	CIS	118	Introduction to PC Applications	3
✲	CIS	124	Introduction to Operating Systems	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**

Certificate:
Microcomputer Specialist

Certificate. The Microcomputer Specialist program teaches students how to use and manage microcomputers and common business application software in a networked environment. The certificate program will also teach system upgrading and networking techniques.

Microcomputers are the backbone for businesses of all sizes. As a result, there is growing demand for qualified specialists who can service these complex machines.

You must demonstrate college level proficiency in mathematical skills 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 the Academic Placement and Testing section. Graduates of this program will receive a Certificate of Occupational Proficiency in Microcomputer Specialist. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

				Credits
✲	CIS	115	Introduction to Information Systems	3
✲	CIS	124	Introduction to Operating Systems	3
	CIS	128	Windows Complete	3
	CIS	135	Complete PC Word Processing	3
	CIS	145	Complete PC Database	3
	CIS	155	PC Spreadsheet Concepts	3
	CNG	212	Managing a MS Windows Server Environment	4
	CWB	130	Complete Web Editing Tools	3

Minimum Credit Hours Required	**25**
Minimum Contact Hours Required	**375**

Certificate: Network+

Certificate. The Network+ Certificate provides students with a broad base of knowledge and competency in the functions of networking components, and provides you with knowledge and skills needed to install, configure and troubleshoot basic networking hardware, protocols and services. Students will gain technical ability in the areas of media and topologies, protocols and standards, network implementation, and network support. This certificate also covers new technologies such as wireless networking and gigabit Ethernet.

The Network+ Certificate prepares you for the CompTIA Network+ Certification exam. The CompTIA Network+ Certification is an international industry credential that validates the knowledge of networking professionals with at least nine months of experience in network support or administration or adequate academic training.

Graduates of the program will receive a Certificate of Occupational Proficiency in Network+. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

				Credits
	CNG	101	Introduction to Networking	3
	CNG	124	Networking I: Network +	3
	CNG	125	Networking II: Network +	3

Minimum Credit Hours Required	**9**
Minimum Contact Hours Required	**180**

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Certificate:
Web Application Developer

STUDENT NAME

Certificate. 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 receive a Certificate of Proficiency in Web Application Developer from Colorado Mountain College. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

				Credits
	MGD	141	Web Design I	3
	CWB	130	Complete 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

ADVISOR   DATE

Certificate. This Web Site Developer 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.

Graduates of the program will be receive a Certificate of Proficiency in Web Site Developer from Colorado Mountain College. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

				Credits
	MGD	141	Web Design I	3
	CWB	130	Complete Web Editing Tools	3
	CSC	119	Introduction to Programming	3
OR				
	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**

⬆ *Colorado Mountain College instructors share real-world experience.*

Colorado
Mountain
College

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. The Natural Resource Management degree helps students graduate 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 environmental site assessment, 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.

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 prerequisites for courses within this degree or certificate. 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, 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 of this catalog.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

⬆ *Let it grow, let it grow! Learn and work to protect the environment at the same time.*

First Semester

				Credits
🔒	ENG	121	English Composition I	3
	NRE	102	Intro to Natural Resources Management	3
✱	CIS	118	Introduction to PC Applications	3
🔒	BIO	111	General College Biology I with Lab	5
	NRM	115	Soils Science	3
				17

Second Semester

				Credits
✱	GEY	210	Hydrology	4
🔒	ENG	122	English Composition II	3
🔒	MAT	121	College Algebra	4
	GIS	100	Geographic Information Systems Fundamentals	1
OR				
	NRE	127	Field Monitoring Techniques	(2)
	HWM	215	Hazardous & Non-hazardous Waste Management II	3

Summer Semester

				Credits
	HWM	211	Hazardous Waste: Operations & Emergency Response	3
	NRE	287	Cooperative Work Experience Education	2
				5

Third Semester

				Credits
✱	BIO	222	General College Ecology	4
	ENT	141	Surveying I	4
🔒	CHE	111	General College Chemistry I	5
	NRE	227	Reclamation Site Monitoring	3
				16

Fourth Semester

				Credits
🔒	GEY	111	Physical Geology	4
	NRM	215	Environmental Site Assessment	1
	NRM	250	Environmental Law & the Permit Process	3
	NRM	140	Agricultural/Natural Resource Economics	3

Minimum Credit Hours Required	**64-65**
Minimum Contact Hours Required	**1193-1220**

Date Submitted Petition for Graduation _____

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✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | **www.coloradomtn.edu/advising** | **05-06 programs**

Colorado Mountain College

Associate of Applied Science: Nursing (LPN and ADN) 1 of 1

STUDENT NAME   ADVISOR   DATE

Associate of Applied Science. Students will develop skills 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 as 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 the 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.

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:

				Credits
🔒	BIO	111	General College Biology I with Lab	5
✱	BIO	201	Human Anatomy & Physiology I	4
✱	BIO	202	Human Anatomy & 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 their 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 of Applied Science 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 of Nursing (ADN) at Colorado Mountain College is approved by the Colorado State Board of Nursing.

To take courses with NUR prefixes (except 270s), students must be accepted into the nursing program and have permission of the Director of Nursing.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Below is the suggested sequence of courses. See your advisor to develop your own program.

First Semester   Credits

			Credits
NUR	215	Comprehensive Medical-Surgical Nursing	3
NUR	212	Comprehensive Medical-Surgical Nursing Clinical Experience	5.5
NUR	220	Comprehensive Concepts of Obstetrical and Pediatric Nursing Care	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	225	Nursing Care of Complex Obstetrical and Pediatric Clients and Families	3
NUR	222	Expanded Clinical Experience for Women, Children and Families	3
			11

Minimum Credit Hours Required   26
Minimum Contact Hours Required   600.5

LPN plus ADN curriculum
Minimum Credit Hours Required   **78**
Minimum Contact Hours Required   1755.5

Submitted Petition for Graduation _____

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Colorado Mountain College

STUDENT NAME	ADVISOR	DATE

Certificate. Colorado Mountain College offers a Certificate of Occupational Proficiency in Practical Nursing. Students will learn at the college level, which enables them 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.

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 are required to take a placement test prior to entering the nursing program and must demonstrate college level reading, writing and mathematics skills. The proficiency of the student may affect the sequencing of courses in which she/he can enroll and may also extend the time required to complete the program. For more details see 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 or from the CMC website. This admission packet must be completed and is usually due by mid-February for the following fall semester. You must be selected for admission to enroll in this program. 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 (except 270's), 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

To earn the Practical Nursing Certificate of Occupational Proficiency, you must complete the following general education courses with a "C" or higher. Because of workload, we strongly suggest you complete them before entering this program:

				Credits
🔒	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

In addition to the above general education courses, the following courses are required to obtain your Practical Nursing Certificate of Occupational Proficiency:

Fall Semester   Credits

	NUR	101	Fundamentals of Nursing: A	3
	NUR	102	Fundamentals of Nursing: B	2
	NUR	170	Clinical I	2
	NUR	121	Pharmacology	3
	NUR	115	Commonalities in Nursing	2
				12

Spring Semester

	NUR	171	Clinical II	5
	NUR	151	Medical Surgical Nursing I	3
	NUR	171	Maternal/Parent-Child Nursing	3
				11

Summer Semester

	NUR	172	Clinical III	4
	NUR	152	Medical Surgical Nursing II	2
	NUR	181	Socialization to Nursing	1
				7

Minimum Credit Hours Required (including prerequisites) **46**
Minimum Contact Hours Required (including prerequisites) **1065**

Date Submitted Petition for Graduation _____

Certificate: Nurse Aid

Certificate. The Nurse Aide 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 Nurse Aide and be eligible to take the state exam for CNA.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

			Credits
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 **120.0**

Date Submitted Petition for Graduation _____

Colorado Mountain College

✽ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | **www.coloradomtn.edu/advising** | **05-06 programs**

Associate of Applied Science: Office Administration 1 of 1

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. The Office Administration degree will give you skills to work in a wide variety of office environments. This program includes keyboarding skills, accounting, and 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 prerequisites for courses within this degree or certificate. 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, 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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
				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: (Software Package)	3
CIS	140	Microsoft Outlook	1
CIS	145	Complete PC Database	3
CIS	155	PC Spreadsheet Concepts: (Software Package)	3
CIS	165	Complete Presentation Graphics: (Software Package)	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 Internet	1
✽	ACC	125	Computerized Accounting	3
			Advised Electives (ACC, BUS, BTE, CIS, MOT)	8
				21

Option B: Business Office Transfer

✽	BUS	115	Introduction to Business	3
✽	BUS	216	Legal Environment of Business	3
✽	BUS	217	Business Communication & Report Writing	3
✽	ACC	121	Accounting Principles I	4
✽	ACC	122	Accounting Principles II	4
🔒	ECO	202	Principles of Microeconomics	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
OR	BTE	225	Administrative Office Management	3
	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
OR	BTE	225	Administrative Office Management	3
	MOT	110	Medical Office Administration	4
	MOT	102	Introduction to Medical Terminology	2
	MOT	112	Advanced Medical Terminology	2
			Advised Electives (ACC, BUS, BTE, CIS, MOT)	8
				21-22

Minimum Credit Hours Required	**60**
Minimum Contact Hours Required	**975-1005**

Date Submitted Petition for Graduation _____

05-06 programs | www.coloradomtn.edu/advising | ✽ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course

Colorado Mountain College

101

STUDENT NAME | ADVISOR | DATE

Certificate. Each Office Administration Certificate provides the job 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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 (Software Package)	3
	CIS	140	Microsoft Outlook	1
	CIS	145	Complete PC Database	3
	CIS	155	PC Spreadsheet Concepts: (Software Package)	3
	CIS	165	Complete Presentation Graphics: (Software Package)	3

Minimum Credit Hours Required	**27**
Minimum Contact Hours Required	**457.5**

Date Submitted Petition for Graduation_____

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 (Software Package)	3
	ACC	101	Fundamentals of Accounting	3
	ACC	115	Payroll Accounting	3
	BTE	225	Administrative Office Management	3
	CIS	130	Introduction to Internet	1

✱	ACC	125	Computerized Accounting	3
			Advised Electives (ACC, BTE, BUS, CIS, MOT)	3

Minimum Credit Hours Required	**30**
Minimum Contact Hours Required	**487.5**

Date Submitted Petition for Graduation_____

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 (Software Package)	3
	ACC	101	Fundamentals of Accounting	3
	ACC	115	Payroll Accounting	3
	BTE	128	Legal Terminology	1
	BTE	229	Legal Transcription	3
OR	BTE	225	Administrative Office Management	3
	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**

Date Submitted Petition for Graduation_____

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 (Software Package)	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
	MOT	102	Introduction to Medical Terminology	2
	MOT	112	Advanced Medical Terminology	2
			Advised Electives (ACC, BTE, BUS, CIS, MOT)	3

Minimum Credit Hours Required	**30-31**
Minimum Contact Hours Required	**442.5 – 457.5**

Date Submitted Petition for Graduation_____

Colorado Mountain College

✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | **www.coloradomtn.edu/advising** | **05-06 programs**

Associate of Applied Science: Professional Photography

STUDENT NAME | ADVISOR | DATE

Associate of Applied Science Degree. The Professional Photography program prepares students with basic technical, aesthetic and business skills necessary to enter photographic professions. Beginning in the 2005-2006 academic year the Professional Photography Program will be a digital technology based program. Students will be taught skills beginning with a strong foundation of the digital SLR camera and lenses, processing the files in the digital darkroom and the aesthetics of photographic image making. Studio lighting for portraiture and product photography as well as the use of the large format view camera will be included. The program is predominately digital, though film will be an option in some elective classes and will be employed in the large format and commercial photography classes.

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.

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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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

				Credits
	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 and 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**

Photography Electives are required (3 courses)	9
General Education Electives are required (1 course)	3

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Colorado Mountain College

Certificate: Real Estate

Certificate: Resort Management

STUDENT NAME | ADVISOR | DATE

Certificate. 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 first three Real Estate courses (REE 120, REE 121, and REE 122) 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 listed below to receive a Colorado Mountain College Certificate of Occupational Proficiency.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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
			11

Minimum Credit Hours Required **11**

Minimum Contact Hours Required **172**

Date Submitted Petition for Graduation_____

Certificate. The Resort Management Business 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 prerequisites for courses within this degree or certificate. 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, 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

Required Courses | | | | Credits
|---|---|---|---|
| HOS | 110 | Introduction to Hospitality | 3 |
| HOS | 140 | Front Office Procedures | 2 |
| HOS | 141 | 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 | 3 |
| HOS | 250 | Food, Beverage & Labor Cost Control | 3 |
| HWE | 112 | Medic First Aid | .5 |

Minimum Credit Hours Required **22.5**

Minimum Contact Hours Required **323**

Date Submitted Petition for Graduation_____

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. 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 prerequisites for courses within this degree or certificate. 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, 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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 Communication & 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	140	Front Office Procedures	2
HOS	141	Housekeeping Management	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	3
HOS	250	Food, Beverage & Labor Cost Control	3
			22

Advised Electives (choose at least 17)

	HOS	215	Training and Development	3
	HOS	219	Hospitality Law	3
	HOS	255	Human Resource Management	3
	HOS	281	Resort Facilities Management and Design	3
	HOS	287	Work Experience I	3
	HOS	289	Work Experience II	3
✱	ACC	121	Accounting Principles I	4
✱	ACC	122	Accounting Principles II	4
✱	BUS	216	Legal Environment of Business	3
🔒	ECO	201	Principles of Macroeconomics	3
🔒	ECO	202	Principles of Microeconomics	3
			Advised Elective (HOS, SKB, GCM)	1-3

Minimum Credit Hours Required	**60**
Minimum Contact Hours Required	*900*

⬆ *The resort and lodging business is growing.*

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05-06 programs | www.coloradomtn.edu/advising | ✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course

Colorado Mountain College

| STUDENT NAME | | ADVISOR | | DATE |

Certificate. 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) a registered apprentice working in an appropriate position for a company, which has an approved lift electrical 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 prerequisites for courses within this certificate. 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, 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. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45. 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.

Ropeway Mechanical Maintenance Technician

First Year

✽	CIS	118	Introduction to PC Applications	3
	HWE	112	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	106	Human Relations	3
	SAO	110	Ski Area Risk Management	3
	SAO	123	Ropeway Mechanical Maintenance Technician II	4
				10

Fourth Year

	SAO	124	Ropeway Mechanical Maintenance Technician IV	3

Minimum Credit Hours Required	**33.5**
Minimum Contact Hours Required	**503**

Date Submitted Petition for Graduation_____

Ropeway Electrical Maintenance Technician

First Year

✽	CIS	118	Introduction to PC Applications	3
	HWE	112	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 and Communication	3
✽	PSY	106	Human Relations	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 II	3
				6

Fourth Year

	SAO	224	Ropeway Electrical Maintenance Technician IV	4
				4

Minimum Credit Hours Required	**34.5**
Minimum Contact Hours Required	**518**

Date Submitted Petition for Graduation_____

✽ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | **www.coloradomtn.edu/advising** | **05-06 programs**

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. The Ski Area Operations 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 prerequisites for courses within this degree. 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, please see the Academic Placement and Testing section.

Graduates will receive an Associate of Applied Science Degree in Ski Area Operations. For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45. Following is a suggested sequence of courses. See your advisor to develop your own schedule.

First Semester

				Credits
	SAO	100	Introduction to Ski Area Operations	2
	HWE	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 Math	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	4
				13

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	6
				16

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	141	Snowmaking Operations	2
	SAO	142	Snowmaking Operations Lab	1
	SAO	151	Snow Vehicle Maintenance	2
	SAO	152	Snow Vehicle Maintenance Lab	1
				9

Patrolling

	SAO	161	Patrol Operations Lab	1
	EMS	125	EMT Basic	9
	EMS	170	EMT Basic Clinical	1
	HWE	126	Outdoor Emergency Care Refresher	.5
	OUT	160	Avalanche Level I	1
	OUT	260	Avalanche Level II	2
	SAO	155	Events Management	*3*
				17.5

Ropeway Operations and Maintenance

	SAO	107	Ropeway Operations Lab	1
	SAO	210	Ropeway Construction & Maintenance	3
	ENT	141	Surveying I	4
				8

Ski Resort Management

✽	ACC	121	Principles of Accounting I	4
✽	ACC	122	Principles of Accounting II	4
	MAN	116	Principles of Supervision	3
	MAN	200	Human Resource Management I	3
	NRM	250	Environmental Law & The Permit Process	3
🔒	ECO	202	Principles of Microeconomics	3
✽	BUS	226	Business Statistics	3
				24

Minimum Credit Hours Required	**60**
Minimum Contact Hours Required	**1130**

Date Submitted Petition for Graduation _____

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Colorado Mountain College

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. 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 prerequisites for courses within this degree or certificate. 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, 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.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

General Education Requirements

🔒	ENG	121	English Composition I	3
✳	SPE	115	Public Speaking	3
✳	CIS	118	Introduction to PC Applications	3
✳	BUS	217	Business Communication & Report Writing	3
			Advised General Education Elective	3
				15

Business Courses

✳	ACC	121	Accounting Principles I	4
✳	BUS	115	Introduction to Business	3
✳	BUS	216	Legal Environment of Business	3
✳	BUS	226	Business Statistics	3
🔒	ECO	201	Principles of Macroeconomics	3
🔒	ECO	202	Principles of Microeconomics	3
				19

Required Courses

	SKB	110	Bootfitting I	2
	SKB	111	Bootfitting II	2
	SKB	120	Ski & Board Repair & Tuning I	2
	SKB	121	Ski & Board Repair & Tuning II	1
	SKB	210	Ski & Board Product Design	3
	SKB	220	Ski & Board Rental & Repair Shop Management	2
	SKB	287	Work Experience	3
	SKB	288	Work Experience	3
				18

Advised Electives (Choose 8 credits)

✳	ACC	122	Accounting Principles II	4
	MAR	111	Principles of Sales	3
	MAR	117	Principles of Retailing	3
	SKB	289	Work Experience	15
	___	___	Foreign Language	5
			Advised General Education Elective	3
			Advised Elective (SKB, HOS, GCM)	3

Minimum Credit Hours Required **60**

Minimum Contact Hours Required **1132.5 – 1147.5**

Date Submitted Petition for graduation _____

⬇ Certificate: Ski & Snowboard Business

Certificate. The Ski & Snowboard Business Certificate program provides the student an opportunity to gain the skills necessary to find 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 prerequisites for courses within this degree or certificate. 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, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Ski and Snowboard Business.

Your advisor will help you develop a schedule that meets your needs.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

				Credits
	SKB	110	Bootfitting I	2
	SKB	111	Bootfitting II	2
	SKB	120	Ski & Board Repair & Tuning I	2
	SKB	121	Ski & Board Repair & Tuning II	1
	SKB	210	Ski & Board Product Design	3
	SKB	220	Ski & Board Rental & Repair Shop Management	2
	SKB	287	Work Experience	3
	SKB	288	Work Experience	3
				18

Minimum Credit Hours Required **18**

Minimum Contact Hours Required **502.5**

Date Submitted Petition for graduation _____

STUDENT NAME	ADVISOR	DATE

Associate of Applied Science Degree. The Veterinary Technology program provides specialty training, which enables you to assist a Doctor of Veterinary Medicine. You will gain practical experience in our large and small animal hospital and in veterinary clinical situations through work experience in a veterinary practice and at the 200-acre Veterinary Technology farm. This is a working farm that raises, buys and sells livestock to fund its operations. The college owns over 75 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. You must be scholastically qualified to enroll in college level English Composition and Intermediate Algebra, and you must be 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 regulations in addition to those of the College. Please contact the Central Office (1-800-621-8559) or Spring Valley (1-970-947-8276) Admissions Staff for details.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

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.

A minimum grade of "C" is required for 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 — Credits

	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 Lab	1
	VET	123	Clinical Pathology II	3
	VET	124	Clinical Pathology II Laboratory	2
	VET	224	Pharmacology	3
	VET	112	Animal Care II	1
	VET	102	Computer Applications for Veterinary Technicians	1
	VET		Veterinary Technician Mgmt 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

VET	126	Equine Management	1
VET	127	Equine Clinical Techniques	1
VET	132	Feline Management	1
VET	133	Canine 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**

Date Submitted Petition for Graduation _____

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Colorado Mountain College

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.

2005-2006 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.

⬆ *High speed internet in the library and residence hall makes it easy to collaborate.*

STUDENT NAME	ADVISOR	DATE

Certificate of Completion. This certificate 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 prerequisites for courses within this degree or certificate. 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, please 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 45.

Following is a suggested sequence of courses.

⬆*Field study in the mountains*

111

Humanities (min. 3 credits)

✻	HUM	137	Wilderness & the American Ethic	3
🔒	PHI	112	Ethics	3

American West Electives (min. 15 credits)

✻	ENG	175	Special Topics	3
✻	LIT	245	Literature of the American West	3
✻	LIT	248	Native American Literature	3
✻	HIS	210	Federal Indian Law	3
	NRM	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*

Date Submitted Petition for Graduation _____

05-06 programs | www.coloradomtn.edu/advising | ✻ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course

Colorado Mountain College

STUDENT NAME		ADVISOR		DATE

Certificate of Completion. The Creative Arts Certificate 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 prerequisites for courses within this degree or certificate. 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, please 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 45.

Humanities

General Education Electives (min. 6 credits)

🔒	ART	111	Art History I	3
🔒	ART	112	Art History II	3
🔒	HUM	121	Survey of Humanities I	3
🔒	HUM	122	Survey of Humanities II	3
🔒	HUM	123	Survey of Humanities III	3

Fine Art Electives (min. 15 credits)

🔒	ART	110	Art Appreciation	3
✱	ART	146	Stained Glass I	3
✱	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	___	Elective	3
✱	THE	___	Elective	3
🔒	PHI	___	Elective	3

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	Internship
OR		CIS		Computer Information Systems
		MGD		Any Graphics course

Any course with the following headings

ART		Fine Arts
MGD		Graphic Design
PHO		Creative Photography

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**

Date Submitted Petition for Graduation _____

112

STUDENT NAME	ADVISOR	DATE

Certificate of Completion. 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 prerequisites for courses within this degree or certificate. 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, please see the Academic Placement and Testing section.

Students also have the option to transfer credits into the career oriented Outdoor Recreation Leadership Program.

For a list of CMC campuses offering this program, please see the *Where Our Programs are Offered* table on page 45.

General Education Electives (min. 4 credits)

✽	BIO	105	Science of Biology	4
🔒	BIO	111	General College Biology with Lab	5
🔒	BIO	112	General College Biology II with Lab	5
🔒	GEY	111	Physical Geology	4

Humanities (min. 3 credits)

✽	HUM	137	Wilderness & the American Ethic	3
🔒	PHI	112	Ethics	3

Physical Activities and Outdoor Skills Electives
(min. 3 credits**)**

	OUT	119	Swiftwater Rescue Technician I	1
✽	OUT	120	Orienteering	1
✽	OUT	210	Survival Skills	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	173	Beginning Ice Climbing	1
✽	PED	179	Beginning Kayaking	1
✽	PED	180	Trekking I	1

Outdoor Education Electives (min. 2 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	222	General College Ecology	4
✽	GEO	120	Snow, Ice, Avalanche	2
✽	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

Recreation Electives (min. 1 credit)

✽	OUT	187	Internship: Outdoor Leadership	2
✽	OUT	287	Internship: Outdoor Leadership	1
✽	PSY	211	Leadership Development	3

First Aid Electives (min. .5 credit)

	HWE	112	Medic First Aid	.5
	HWE	103	Community First Aid & CPR	.5

Seminar

✽	OUT	275	Special Topics	1

Minimum Credit Hours Required	**20.5**
Minimum Contact Hours Required	**488**

Date Submitted Petition for Graduation_____

This program operates on public lands with special permits from the U.S. Forest Service and the Bureau of Land Management

113

STUDENT NAME | ADVISOR | DATE

Certificate of Completion. Outdoor Semester in the Rockies (OSR) 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.

As the age of high technology takes us into the twenty-first century, 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 humankind with knowledge of the natural environment. To achieve this balance, Outdoor Semester in the Rockies emphasizes three components: liberal arts, outdoor skills and personal growth.

Choose the fall or spring OSR program. Each incorporates the OSR philosophy, providing different experiences for the individual. You will spend most of the semester outdoors learning skills in mountaineering, rock climbing, desert survival and winter survival. At the same time you'll study subjects such as philosophy and science, using the outdoors as a classroom. 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, writing, and mathematics as prerequisites for courses within this degree or certificate. 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, 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. An agreement with Western State College in Gunnison, Colorado provides transfer of OSR credits into a bachelor's degree program at that institution.

These courses have also been received for transfer by other institutions.

Courses:	Credits
✽ OUT 111 Mountain Orientation	2
✽ OUT 113 Canyon Orientation	2
✽ OUT 114 Snow Orientation	2
✽ OUT 120 Orienteering	1
OUT 160 Level I Avalanche Seminar	1
✽ PED 150 Rock Climbing	1

OR	✽ ANT	101 Cultural Anthropology	3
		Advised General Education Elective	(3)
	✽ HUM	137 Wilderness & American Ethic	3
	✽ BIO	120 Introduction to Natural History	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.

⬆ *Reach your peak with the Outdoor Semester in the Rockies program.*

6

courses:
academic calendar,
policies & courses

*William Higgins earned his
Associate of Science degree,
then was accepted into Colorado
State University's demanding
Electrical Engineering program.
Today, William is an Electrical Test
Engineer for Advanced Energy, a
Colorado company that develops
power supplies for semi-conductor
manufacturing. Advanced Energy
chose William to be part of a team
to China where he serviced systems and
trained production engineers.*

Courses: Academic Calendar, Policies & Courses

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 seamlessly-transferrable State Guaranteed Transfer Courses and 60+60 program transfer guarantee.

Academic Calendar

ACADEMIC YEAR 2005-2006

Summer 2005

Registration	*May 2-6, 2005* Monday-Friday
Classes Begin	*May 9, 2005* Monday
Memorial Day	*May 30, 2005* Monday
Independence Day	*July 4, 2005* Sunday/Monday
Classes End	*August 12, 2005* Friday
Graduation	*August 13, 2005* Saturday
Grades Due*	*August 17, 2005* Wednesday

Fall 2005

Registration	*August 22-26, 2005* Monday-Friday
Classes Begin	*August 29, 2005* Monday
Labor Day	*September 5, 2005* Monday
Thanksgiving	*November 23-25, 2005* Wednesday-Friday
Classes End	*December 16, 2005* Friday
Graduation	*December 17, 2005* Saturday
Grades Due*	*December 21, 2005* Wednesday

Spring 2006

Registration	*January 9-13, 2006* Monday-Friday
Classes Begin	*January 16, 2006* Monday
Spring Break	*Varies by campus*
Classes End	*May 5, 2006* Friday
Graduation	*May 6, 2006* Saturday
Grades Due*	*May 10, 2006* Wednesday

*Grades are due for courses which end earlier in the semester within two working days after the last official class day.

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 which are not representative of his/her abilities. Colorado Mountain College recognizes that grades can have both a positive and negative impact on a students educational objectives. In an effort to diminish the negative impact of these grades on the students' 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 opportunity (at Colorado Mountain College) for the student who earned poor grades because of unusual circumstances which 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. In order 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, he or she 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 your 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 Requirements. The Catalog in Force 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 and 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.

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. 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.

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.

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 enrollments sufficient to meet required minimums. If the necessary enrollments do not materialize, the class may be cancelled prior to its second session. The College retains the right to alter time schedules or make other changes deemed necessary.

Disclipline/Program Acronyms

2005-2006 Discipline/Department Groups in alphabetical order :

Developmental Studies
Academic Achievement.....................AAA
Developmental English .... ENG 000-090
English as a Second Language............ESL
Developmental Math........ MAT 000-090
Reading...REA
Accounting...ACC
Art
Visual Arts ....ART
Photography ....PHO
Business Technology
Business Technology .... BTE
Business.. BUS
Small Business Management........... SBM
Management.................................... MAN
Marketing ....MAR
Communications
Communications ....COM
American Sign Language ....ASL
Film and Video Technology.............. FVT
Journalism...JOU
Radio and Television.........................RTV
Speech.. SPE
Criminal Justice ....CRJ
Culinary Arts... CUA
Dance...DAN
Education
Ethnic Studies.................................. ETH
Early Childhood Education.............. ECE
Education.. EDU
Emergency Medical Services
Emergency Medical Services .... EMS
English.................................... ENG 100-299
Engineering
Community College Engineering.... EGG
Engineering Technology .... ENT
Hazardous Waste Management ....HWM
Fire Science Technology ....FST
Foreign Language
French... FRE
German..GER
Italian.. ITA
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 Web Based.................... CWB
Math .... MAT 100-299
Music ....MUS
Natural Resource Management
Agriculture Crops & Soils................AGY
Hazardous Waste Management .....HWM
Natural Resource Education .... NRE
Natural Resource Management ......NRM
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
Heating and Air Conditioning .... HVA
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
Real Estate... REE
Resort Management.............................HOS
Science .... SCI
Astronomy .... AST
Biology...BIO
Chemistry ....CHE
Geology...GEY
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

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 lock (🔒) icon. For courses outside of the Colorado Guranteed Transfer Curriculum, Colorado Mountain College uses standard Colorado numbering and titles for many transfer-level courses. This coding is part of a statewide project 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 which 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 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 their 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, studying, 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 and pre-college courses are numbered 000-099. 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 (✽) in the Course Description section apply to the CMC AA or AS degrees. Colorado Guranteed Transfer Curriculum 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 Prerequistes. Some classes require previous course work before you can enroll. These are listed as prerequisites 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.

Where the Courses are Offered

Following is a list of all the courses from the Colorado Mountain College Master Course List. These courses are offered as part of the Associate in Arts, Associate in Science, Associate in Applied Science, Associate in 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

Designated Repeatable Courses

A limited number of other courses have been designated as repeatable for credit. These courses are noted in the course descriptions section of this catalog.

Grades for Repeated 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.

Exceptions to this are courses which are designated as repeatable. If repeated, both the original and current grades and hours for these courses are counted in credit hours earned and grade point average.

These courses are:
Geology Field Trip: GEY 208
Special Topics: Courses coded 175 or 275
Cooperative Work Experience: Courses coded 187 or 287
Internships

You may count a maximum of six hours of Special Topics 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, students 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 which are transmitted across the district via live interactive video conferencing. 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 instructor 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 which 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 systems, 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 do not appear on the student's academic record. Starting in summer 2003, there is a special non-credit transcript available.

Non-credit students pay fees as listed in the class schedule descriptions. No grades are issued. No academic credit is earned.

Non-credit courses are not displayed in the Master Course listing, but are published in the campus class schedules and on the web at http://www.coloradomtn.edu/classes

Some non-credit programs provide Continuing Education Units (CEUs) for completion. Please inquire upon registration if you are seeking CEUs.

Complete Credit Course Listing

Academic Achievement

AAA-010 - ACADEMIC ACHIEVEMENT IN PRE-COLLEGE : EQUIVALENT STUDIES   1.0-6.0 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.

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.

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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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 I   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. Note: Requires college-level reading.

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-121(7) 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
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)

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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

Agriculture

✱ AGY-240 - INTRODUCTORY SOIL SCIENCE   4.0 CR
Focuses on formation, physical properties, chemical properties, and management of soils emphasizing conditions that affect plant growth.
Prev. Course Codes: (AGG-115) (AGG-161) 90 CLOCK HRS

AGY-252 - APPLIED SOILS   4.0 CR
PREREQUISITE: AGY-240; Min. grade C-;
This course is a continuation of AGG115. Emphasis will be on the reclamation of problem soils, including a variety of techniques for monitoring soil fertility and engineering characteristics of the soil. Attention will also be placed on irrigation and drainage.
Prev. Course Codes: (AGG-252) (AGG-120) (AGG-162) 75 CLOCK HRS

AGY-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.

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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
45 CLOCK HRS

✱ 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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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

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ART

Colorado Mountain College

✽ 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

✽ 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(2104); Min. grade C-;
Emphasizes conceptual design development using casting and specialized techniques.
67.5 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

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ART

✽ ART-154 - SCULPTURE I   **3.0 CR**
PREREQUISITE: ART-131(74) or ART-132; Min. grade C-;
Introduces the fundamentals of sculpture such as modeling, casting, carving, and the processes of assemblage. Note: Requires college-level reading.
Prev. Course Codes: (ART-224) (ART-070) (ARC-270SS) 60 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.
60 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(91); 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. Note: Requires college-level reading.
67.5 CLOCK HRS

✽ ART-225 - PRINTMAKING I   **3.0 CR**
PREREQUISITE: ART-121 ART-131(74); 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). Note: Requires college-level reading.
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(84); 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(104); 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-265 - BUSINESS OF VISUAL ART   **3.0 CR**
Introduces students to the principles and practices involved in creating and operating arts organizations in the profit and not-for-profit art world.
PREREQUISITE: Requires college-level reading.
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(78); 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-270HF)

✽ 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. Note: Requires college-level reading.
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 AND 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. Note: Requires college-level reading.
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 microprocessors. Features on-bench exercises. Students practice diagnostic procedures that have applications to present and future automotive electronics and electrical systems. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
67.5 CLOCK HRS

ASE-265 - AUTOMOTIVE HEATING AND 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. Note: Requires college-level reading.
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. Note: requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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

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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
30 CLOCK HRS

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BIO

Colorado Mountain College

🔒 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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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

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BIO

✱ 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(129); 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. Note: requires college-level reading.
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. Note: Requires college-level reading.
67.5 CLOCK HRS

✱ 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 interrelated 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 AND 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 AND 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. Note: Requires college level reading.
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. Note: Requires college level reading.
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 2.0 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.
30 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. Note: Requires college level reading.
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-188 - 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-130C) (OFA-030C) (SES-030C) (SES-130C)

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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
45 CLOCK HRS

✱ 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-090(30); 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 CR
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
15 CLOCK HRS

Colorado Mountain College

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: 1 group; MAT-TS7; MAT-TS6; #MAT-TS5; MAT-TS4; MAT-090(30); Min. grade C-;
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-111 - GENERAL COLLEGE CHEMISTRY I 5.0 CR
PREREQUISITE: College Level Reading; CHE-101
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

Chicano Studies

CHS-102 - HISTORY OF THE CHICANO IN THE SW:1810 3.0 CR
This course begins with the Mexican War of Independence (1810) and concludes with an in-depth study of the historical development of the contemporary Chicano World. Topics include complex ethnic, class, gender, generational, and regional relations within this group and within the larger multicultural environment of the 19th and 20th century North America.
45 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. Note: Requires college level reading.
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. Note: Requires college level reading.
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

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. grae 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

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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.

CIS-155 - PC SPREADSHEET CONCEPTS: (SOFTWARE PACKAGE) 3.0 CR
PREREQUISITE: CIS-110(1182) CIS-110(1182) CIS-118(200) orCIS-11; 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 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-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)

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, AppleTalk, 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

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CNG

CNG-121 - COMPUTER TECHNICIAN I: 4.0 CR
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: 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 CompTIA 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

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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
CO-REQUISITES: CNG-101;
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-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. Note: Requires college-level reading.
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 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-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. Note: Requires college-level reading.
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 (CCCNA) certification exam.
Prev. Course Codes: (CIS-209) 75 CLOCK HRS

CNG-264 - HOME INTEGRATION   **5.0 CR**
Introduces the elements of "smart" home technology in preparation for the HTI+ industry certification examination. Note: requires college-level reading.
75 CLOCK HRS

CNG-265 - CISCO NETWORK PROFESSIONAL I5.0 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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
Prev. Course Codes: (BUS-270CF) 15 CLOCK HRS

✻ 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

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CRJ

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✱ 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 admit- tance 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

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

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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 HOT FOODS   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 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.
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

CUA-126 - INTRODUCTION TO SOUPS & SAUCES   1.0 CR
PREREQUISITE: CUA-122; Min. grade C-;
Provides the student with an introduction to making stocks, 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. Meets a minimum of 22.5 hours.
22.5 CLOCK HRS

CUA-130 - CENTER OF THE PLATE: POULTRY   1.0 CR
PREREQUISITE: CUA-122; 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-132 - CENTER OF THE PLATE: MEAT   1.0 CR
PREREQUISITE: CUA-122; Min. grade C-;
Provides the student with the basics of meat handling, including principles used for selecting meat products, their basic cuts, and cooking methods. Focuses on a variety of meat products.
Prev. Course Codes: (CUA-152) 22.5 CLOCK HRS

CUA-133 - CENTER OF THE PLATE: POULTRY, FISH, & SEAFOOD   1.0 CR
PREREQUISITE: CUA-122; Min. grade C-;
Provides the basics of handling poultry, fish, and seafood including principles used for selection and the basic forms these products have and the methods of cooking them. Focuses on preparation of poultry, fish, and seafood products and incorporates practice in the use of these principles and methods. Covers pre-preparation skills and efficient organization of work techniques.
Prev. Course Codes: (CUA-153) 22.5 CLOCK HRS

CUA-135 - CENTER OF THE PLATE: BEEF & VEAL   1.0 CR
PREREQUISITE: CUA-122; 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; 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; 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 characteristics 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-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-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: IN CULINARY ARTS   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)

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CUA

Colorado Mountain College

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(346) or
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

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CUA

CUA-253 - ADVANCED SEMINAR IN SAUCE   1.0 CR
PREREQUISITE: CUA-122; 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.
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 timley 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-Based Web

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 FUNDAMENTALS   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 prerequiste of CIS-115, CIS-118, or basic computer literacy and understanding of the Web.
67.5 CLOCK HRS

CWB-130 - COMPLETE WEB EDITING TOOLS   3.0 CR
Introduces advanced web editing techniques to control web page layout. Advanced HTML topics such as frames and web forms are introduced. In addition, students learn to create and manage web sites using a Graphical Web Design program such as Front Page or DreamWeaver.
Prev. Course Codes: (CWB-135) 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-165 - COMPLETE WEB AUTHORING   3.0 CR
Explores the complete set of web authoring skills using HTML and/or other scripting languages. Includes links, backgrounds, controlling text and graphic placement, tables, image maps, frames and forms.
Prev. Course Codes: (CIS-158) (CWB-175) 45 CLOCK HRS

CWB-205 - COMPLETE WEB SCRIPTING   3.0 CR
PREREQUISITE: CWB-165(258); 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-165(258); 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

✱ 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. Note: requires college-level reading.
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. Note: Requires college-level reading.
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 AND PRACTICE   3.0 CR
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

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ECE

Colorado Mountain College

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

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

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ECE

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
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
45 CLOCK HRS

Education

✽ EDU-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.

✽ 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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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).
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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-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

✱ 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

Community College 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.

✱ 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 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-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. Students must be at least 18 years of age.
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

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EMS

Colorado Mountain College

EMS-130 - EMT INTRAVENOUS THERAPY   2.0 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-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.
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   3.0 CR
This course will focus on sentence and basic paragraph structure and development. 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-060 - WRITING FUNDAMENTALS   3.0 CR
PREREQUISITE: 1 group; ENG-TS2; ENG-030; Min. grade C-;
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: 1 group; ENG-TS3; ENG-060; Min. grade C-;
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

ENG-115 - TECHNICAL ENGLISH AND 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: 1 group; ENG-CLR; ENG-090; Min. grade C-;
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: 1 group; ENG-CLR; ENG-090; Min. grade C-;
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
Prev. Course Codes: (ENG-235) 45 CLOCK HRS

✻ 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. Note: Requires college-level reading.
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-100 - FUNDAMENTALS OF WOODWORKING   4.0 CR
Introduces the manipulation of materials, drawings, hand and power tools, sharpening, joinery, assembly, and preparation for and finishing to accomplish woodworking.
90 CLOCK HRS

✻ 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. Note: Requires college level reading.
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.
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

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Colorado Mountain College

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-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-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-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

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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: requires college-level reading.
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

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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
Prev. Course Codes: (GEO-210) 45 CLOCK HRS

✻ GEO-165 - HUMAN ECOLOGY 3.0 CR
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. Note: Requires college-level reading.
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

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✱ **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. Note: Requires college level reading.
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. Note: Requires college level reading.
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 classroom lectures. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
75 CLOCK HRS

Geography 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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
45 CLOCK HRS

Colorado Mountain College

✱ **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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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-140 - FRONT OFFICE PROCEDURES　**2.0 CR**
A 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-141 - 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: (RMA-120) (RMA-058)
(RMA-228) 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**
A 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 AND 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. Note: college-level reading required.
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 profesional endeavors.
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
A 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 AND 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

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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.

**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-281 - RESORT FACILITIES MANAGEMENT AND DESIGN   3.0 CR
Learn how to handle today's engineering and maintenance concerns. This course 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, as well as how the latest technology can streamline operations procedures. A 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.
45 CLOCK HRS

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

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
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.
90 CLOCK HRS

**✽ HPR-178 - SEMINAR: MEDICAL TERMINOLOGY
1.0-4.0 CR**
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.

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. Note: Requires college level reading.
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. Note: Requires college-level reading.
Prev. Course Codes: (HUM-145) 45 CLOCK HRS

🔒 HUM-121 - SURVEY OF HUMANITIES I   3.0 CR
PREREQUISITE: College Level Reading;
Introduces students to the history of ideas in Western cultures through a study of the visual arts, literature, drama, music, and philosophy of early civilizations, Greek and Roman antiquity, and Christian eras. Emphasizes connections among the arts, values, and diverse cultures. Note: Requires college-level reading.
Prev. Course Codes: (HUM-150) 45 CLOCK HRS

🔒 HUM-122 - SURVEY OF HUMANITIES II   3.0 CR
PREREQUISITE: College Level Reading;
Examines the Medieval, Renaissance, and Baroque periods through a study of the visual arts, literature, music, and philosophy. Compares and contrasts diverse cultural ideas and feminine and masculine viewpoints. Note: Requires college level reading.
Prev. Course Codes: (HUM-151) 45 CLOCK HRS

🔒 HUM-123 - SURVEY OF HUMANITIES III   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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
Prev. Course Codes: (HUM-170) 45 CLOCK HRS

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✱ **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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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.

Heating and Air Conditioning

HVA-275 - SPECIAL TOPICS　　　**1.0-6.0 CR**
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

Health & Wellness

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

✱ **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 and the American Heart Association.
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
Uses demonstration videos, instructor led practice sessions, and a workbook. Topics include rescue breathing; obstructed airway; infant, child, and adult CPR; wounds; shock; poisoning; burns; fractures; and sudden illness. Students will receive a Community First Aid and Infant, Child, and Adult CPR card.
Prev. Course Codes: (PED-125A) 9 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. Note: requires college-level reading.
Prev. Course Codes: (PED-171) 45 CLOCK HRS

HWE-112 - 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) 8 CLOCK HRS

HWE-113 - 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)
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-122 - RESPONDING TO EMERGENCIES 2.0 CR
Provides standard first aid and CPR, with a more in depth look at sudden illness, specific disease, and emergencies.
Prev. Course Codes: (PED-126) (EFA-030)
(EFA-120) 45 CLOCK HRS

HWE-127 - FIRST RESPONDER REFRESHER 1.0 CR
PREREQUISITE: HWE-130; Min. grade C-;
This refresher course, approved by The Department Of Transportation reviews emergency first aid techniques for providing immediate and temporary care of accident and sudden illness victims.
Prev. Course Codes: (EFA-139) (EFA-039)
22.5 CLOCK HRS

HWE-128 - EMERGENCY RESPONSE REFRESHER 1.0 CR
PREREQUISITE: HWE-140; Min. grade C-;
A review of first aid materials is provided in this course for those who wish to renew their American Red Cross Advanced First Aid certification. Students must have current first aid card.
Prev. Course Codes: (PED-126A) (EFA-031)
(EFA-121) 22.5 CLOCK HRS

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-130 - FIRST RESPONDER　　　**4.0 CR**
Emergency first aid techniques for providing immediate and temporary care of accident or sudden illness victims are covered in this course. Cardiopulmonary resuscitation (CPR) training is also included.
Prev. Course Codes: (EFA-140) (EFA-040)
(EFA-141) 60 CLOCK HRS

HWE-140 - EMERGENCY RESPONSE　　**3.0 CR**
Designed for individuals with job-related duty to act in an emergency and covers American Red Cross Emergency Response. Topics include recognizing and caring for breathing and cardiac emergencies, the immediate and temporary aid to victims of accidents or sudden illness, drugs and their abuse, radiation, emergency childbirth, water accidents, preventing disease transmission and auto extrication defibrillation.
45 CLOCK HRS

Hazardous Waste Management

HWM-210 - HAZARDOUS & NON-HAZARDOUS WASTE MANAGEMENT　　　**3.0 CR**
This course 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.
52.5 CLOCK HRS

HWM-211 - 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, 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-150) (EPT-040)
(EPT-223) 45 CLOCK HRS

HWM-215 - HAZARDOUS & NON-HAZARDOUS WASTE MANAGEMENT　　　**3.0 CR**
Describes the origin, types, collection, handling, treatment, and disposal of hazardous and non-hazardous wastes. Topics include sanitary landfill construction; land surface application; mechanical, thermal and biological processing; and methods for waste treatment including composting, incineration, recycling & fixation. Basic steps of risk management as required by RCRA & CERCLA legislation are covered. Note: Requires college-level reading.
Prev. Course Codes: (HWM-212) 52.5 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

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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.

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. Note: Requires college level reading.
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. Note: Requires college level reading.
Prev. Course Codes: (JRN-110) (JRN-151) 45 CLOCK HRS

✻ JOU-215 - PUBLICATIONS PRODUCTION AND DESIGN 3.0 CR
PREREQUISITE: ENG-121 REA-090;
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. Note: Requires college-level reading.
90 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. Note: Requires college level 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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
Prev. Course Codes: (LIT-162) 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. Note: Requires college level reading.
Prev. Course Codes: (LIT-221) (LIT-261) 45 CLOCK HRS

✻ LIT-217 - SURVEY OF AMERICAN LITERATURE II 3.0 CR
PREREQUISITE: College Level Reading;
This course is 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 authors. Note: Requires college-level reading.
Prev. Course Codes: (LIT-212) (LIT-227) (LIT-262) 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-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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading
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-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. Note: Requires college-level reading.
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. Note: requires college-level reading.
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 -;
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

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Colorado Mountain College

Marketing

MAR-111 - PRINCIPLES OF SALES   3.0 CR
PREREQUISITE: BUS-115(180); 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(180) ECO-201 ECO-202 MAT-135 ACC-122; Minium 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: 1 group; MAT-TS2; MAT-030(24); Min. grade C-;
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: 1 group; MAT-TS3; MAT-060(866) Min. grade C-;
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: 1 group; MAT-TS4; MAT-090(30); Min. grade C-;
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: 1 group; MAT-TS5; MAT-090(30); Min. grade C-;
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: 1 group; MAT-TS6; MAT-090(30); Min. grade C-;
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: 1 group; MAT-TS7; MAT-106; Min. grade C-;
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: 1 group; MAT-TS8; MAT-106; Min. grade C-;
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   4.0 CR
PREREQUISITE: 1 group; MAT-TS9; MAT-121; Min. grade C-;
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) 60 CLOCK HRS

🔒 MAT-125 - SURVEY OF CALCULUS   4.0 CR
PREREQUISITE: 1 group; MAT-TS10; MAT-121; Min. grade C-;
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: 1 group; MAT-TS11; MAT-106; Min. grade C-;
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. Note: Requires college-level reading.
Prev. Course Codes: (MAT-120) 45 CLOCK HRS

✱ MAT-156 - INTEGRATED MATH II   3.0 CR
PREREQUISITE: MAT-155(868); 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. Note: Requires college-level reading.
Prev. Course Codes: (Mat-220) 45 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: 1 group; MAT-TS12; MAT-122; Min. grade C-;
Introduces single variable calculus and analytic geometry. 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 - DIFFERENTIUAL 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

Multimedia Graphic Design

MGD-101 - INTRODUCTION TO COMPUTER GRAPHICS   **3.0 CR**
CO-REQUISITES: CIS-118;
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. Note: requires college-level reading.
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. Note: requires college-level reading.
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. Note: requires college-level reading.
67.5 CLOCK HRS

MGD-105 - TYPOGRAPHY & LAYOUT   **3.0 CR**
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. Note: requires college-level reading.
Prev. Course Codes: (GRD-105) (COA-040) (COA-238) 75 CLOCK HRS

MGD-111 - ADOBE PHOTOSHOP I   **3.0 CR**
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. Note: requires college-level reading.
75 CLOCK HRS

MGD-112 - ADOBE ILLUSTRATOR I   **3.0 CR**
CO-REQUISITES: PHP-276;
PREREQUISITE: MGD-101(626) MGD-105; 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. Note: requires college-level reading.
Prev. Course Codes: (GRD-225) 75 CLOCK HRS

MGD-113 - QUARKXPRESS   **3.0 CR**
Introduces students to QuarkXPress, a digital page layout tool. Studens learn how to assemble, organize, manipulate, and manage text and graphics to produce a high-quality publication. Class discussions and independent projects supplement hands-on classroom work. Note: requires college-level reading.
45 CLOCK HRS

MGD-118 - DIGITAL COLOR THEORY   **3.0 CR**
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. Note; requires college-level reading.
Prev. Course Codes: (GRD-110) 60 CLOCK HRS

MGD-133 - GRAPHIC DESIGN I   **3.0 CR**
PREREQUISITE: MGD-101(626); Min. grade C-;
Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures. Note: requires college-level reading.
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 emplasizes file organization and layout including tables and frames. Note: requires college-level reading.
Prev. Course Codes: (CIS-131) (GRD-111) 67.5 CLOCK HRS

MGD-143 - WEB MOTION GRAPHIC DESIGN I: (SOFTWARE)   **3.0 CR**
CO-REQUISITES: PHP-276;
PREREQUISITE: MGD-141(585); 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. Note: requires college-level reading.
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. Note: requires college-level reading.

MGD-203 - DESIGN AND CONCEPT   **3.0 CR**
PREREQUISITE: MGD-213; 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. Note: requires college-level reading.
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. Note: requires college-level reading.
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. Note: requires college-level reading.
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); 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. Note: requires college-level reading.
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. Note: requires college-level reading.
Prev. Course Codes: (GRD-250) 67.5 CLOCK HRS

MGD-213 - ELECTRONIC PREPRESS   **3.0 CR**
PREREQUISITE: MGD-101(626) MGD-105; 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. Note: requires college-level reading.
Prev. Course Codes: (GRD-107) (COA-021) (COA-227A) 75 CLOCK HRS

MGD-233 - GRAPHIC DESIGN II   **3.0 CR**
PREREQUISITE: MGD-133; Min. grade C-;
Continues instruction in idea development for advanced graphic design. Note: requires college-level reading.
Prev. Course Codes: (GRD-216) 75 CLOCK HRS

MGD-241 - WEB DESIGN II   **3.0 CR**
CO-REQUISITES: PHP-276;
PREREQUISITE: MGD-101(626) MGD-141(585); 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. Note: requires college-level reading.
Prev. Course Codes: (GRD-112) 60 CLOCK HRS

MGD-287 - COOPERATIVE EDUCATION   **3.0 CR**
Provides work experience for students to gain practical work experience related to their educational program. Note: requires college-level reading,
Prev. Course Codes: (GRD-230C) (COA-030C) (COA-031) (COA-032) (COA-230C) 135 CLOCK HRS

MGD-289 - CAPSTONE   **3.0 CR**
Professional business practices in Graphic Communacations are covered. Additionally, students will design and produce a portfolio demonstrating proficiency in Grapic Communications. Note: requires college-level reading.
Prev. Course Codes: (GRD-210) 75 CLOCK HRS

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MGD

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Medical Office Technology

MOT-102 - INTRODUCTION TO MEDICAL TERMINOLOGY **2.0 CR**
Provides an emphasis on verbal and written communication of medical terms including defining, spelling, pronunciation, and analysis of component parts.
Prev. Course Codes: (HSC-121) (HSC-175) 30 CLOCK HRS

MOT-110 - MEDICAL OFFICE ADMINISTRATION **4.0 CR**
Introduces the administrative duties specifically used in medical offices.
60 CLOCK HRS

MOT-112 - ADVANCED MEDICAL TERMINOLOGY **2.0 CR**
PREREQUISITE: MOT-102;
Continues Medical Terminology in developing the student base of knowledge of medical terminology for body systems, as related to the human body anatomy defined through correct terminology. Practice of pronunciation, spelling, and usage is developed by relating basic medical terminology, root words, prefixes, and suffixes to all human body systems.
30 CLOCK HRS

Music

✱ MUS-100 - FUNDAMENTALS OF MUSIC THEORY I 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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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 require 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) 30 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) 30 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)

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. Note: requires college-level reading.
Prev. Course Codes: (NRM-100) 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. Note: requires college-level reading.
Prev. Course Codes: (NRM-127) 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-275 - SPECIAL TOPICS **1-6.0 CR**
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

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

Colorado Mountain College

✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | NOTE: Not all courses are offered at every campus each term.

Natural Resource Management

NRM-105 - INTERNATIONAL ENVIRONMENTAL ISSUES   **3.0 CR**
This course is an overview of environmental issues in the U.S. and internationally. Analysis of global environmental issues including endangered species, overpopulation, military expenditures, poverty, ocean dumping, coral reef protection, fresh water resources, border problems, deforestation, women and sustainable development, and global warming. Emphasis is on management options and the use of international law and treaties.
45 CLOCK HRS

NRM-115 - SOILS SCIENCE   **3.0 CR**
This course provides the basic understanding of the characteristics of soils which affect terrestrial ecosystems structure and function. Students will gain an understanding of the physical and chemical characteristics of soils. The emphasis of the class will be to conduct in-field, lab, and greenhouse-designed experiments to demonstrate basic soils science principles.
60 CLOCK HRS

NRM-140 - AGRICULTURAL/NATURAL RESOUCE ECONOMICS   **3.0 CR**
this course will cover economic principles applied to natural resources, price determination, resource allocation, government policies, regulatory requirements, and contemporary issues.
45 CLOCK HRS

NRM-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.

NRM-215 - ENVIRONMENTAL SITE ASSESSMENT   **1.0 CR**
This course will provide the necessary training and education for students to become certified in Phase I Site Assessment protocols as per the recent ASTM site assessment standard. Students will gain an understanding of the "Innocent Landowner Defense" under the CERCLA act and learn why due diligence is necessary. Methods for conducting required records research, site reconnaissance will be discussed.
22.5 CLOCK HRS

NRM-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.
45 CLOCK HRS

NRM-240 - SOCIAL ASPECTS OF NATURAL RESOURCE RECREATION   **3.0 CR**
This course will cover human behavior in natural environments applied to planning, management, and interpretive services in natural resource and recreation management.
45 CLOCK HRS

NRM-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.
60 CLOCK HRS

NRM-275 - SPECIAL TOPICS   **1-6.0 CR**
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.
60 CLOCK HRS

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-111 - NURSE ASSTANT   **5.0 CR**
Designed to give the student a basic knowledge of nursing assistant, this class provides the training in the fundamentals of individualized nursing care and will prepare students for the Colorado written and manual skills examination.
Prev. Course Codes: (NUA-110) 107.5 CLOCK HRS

NUA-170 - NURSE ASSISTANT CLINICAL EXPERIENCE   **1.0 CR**
PREREQUISITE: NUA-101; Min. grade C-;
Applies knowledge gained from NUA 101 in a clinical setting.
Prev. Course Codes: (NUA-102) 30 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: **3.0 CR**
CO-REQUISITES: NUR-115;
This is an introductory course in the fundamentals of nursing that include the basic scientific nursing principles and skills utilized to meet the physiological human needs. Students using the nursing process will be introduced to the concepts of interdisciplinary collaboration and communication in working with all members of the health care team. Students must pass the skill lab component to pass this course.
Prev. Course Codes: (NUR-110A) 90 CLOCK HRS

NUR-102 - FUNDAMENTALS OF NURSING: **2.0 CR**
CO-REQUISITES: NUR-115;
PREREQUISITE: NUR-101; Min. grade C;
This course provides a continuation of the basic scientific nursing principles and skills utilized to meet physiological human needs. Specific to this course will be medication administration, sterile technique and procedures, and more in depth use of the nursing process in providing direct patient care. Students must pass the skill lab component and math/medical exam to pass this course.
Prev. Course Codes: (NUR-110B) (NUR-110)
60 CLOCK HRS

NUR-103 - FUNDAMENTALS OF NURSING CLINICAL   **1.5 CR**
CO-REQUISITES: NUR-103;
This course provides the student with direct patient care experience. Note: Requires college level reading.
Prev. Course Codes: (NUR-110C) 45 CLOCK HRS

NUR-111 - CLINICAL EXPERIENCE I   **2.0 CR**
CO-REQUISITES: NUR-121;
PREREQUISITE: NUR-102; Min. grade C;
This course offers the opportunity to apply basic nursing concepts and to practice basic nursing skills in a clinical setting.
60 CLOCK HRS

NUR-112 - CLINICAL EXPERIENCE II   **5.0 CR**
CO-REQUISITES: NUR-151;
PREREQUISITE: NUR-111; 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;
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 - PHARMACOLOGY   **3.0 CR**
CO-REQUISITES: NUR-111;
The student will learn concepts related to the action and interaction of drugs, pharmacokinetics, and pharmacodynamics. Emphasis on the nursing process will be used to determine safe drug administration for clients.
67.5 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-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

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NUR-161 - MATERNAL/PARENT-CHILD NURSING
3.0 CR
CO-REQUISITES: NUR-151;
Study of the family from pregnancy through labor, delivery and the postpartum period. Study of the child from neonate to adolescent, through normal growth and development and alterations of specific body functions.
Prev. Course Codes: (NUR-171) 67.5 CLOCK HRS

NUR-170 - CLINICAL I   **1.0-6.0 CR**
Offers the clinical practicum to apply the related nursing theory.
30 CLOCK HRS

NUR-171 - CLINICAL II   **1.0-6.0 CR**
Offers the clinical practicum to apply to the related nursing theory.
30 CLOCK HRS

NUR-172 - CLINICAL III   **1.0-6.0 CR**
Offers the clinical practicum to apply the related nursing theory.
30 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, Hepatitis, 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

150

NUR

NUR-181 - SOCIALIZATION TO NURSING   **1.0 CR**
Current challenges and changes in the role of practical nursing will be discussed. Emphasis is placed on the responsibilities of the licensed practical nurse to the patient, employer, community, and self in making the transition from student to licensed practical nurse.
22.5 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 CLIN.
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 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 communication, 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 Technician

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 & SAFETY   **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) 30 CLOCK HRS

OSH-152 - HAZARDOUS WASTE: CHARACTER
HEALTH & SAFE   **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) 45 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.
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.
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.
25 CLOCK HRS

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, pad-

dling strokes, bracing techniques including wet exits, Eskimo rescues, and introduction to the Eskimo roll. Safe, efficient river travel, leadership, and judgment will be emphasized.
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
CO-REQUISITES: OUT-123, OUT-215;
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
CO-REQUISITES: OUT-126, OUT-214;
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-140 - HORSEPACKING 1.0 CR
This is a back country field trip with focus on horsemanship, horsepacking, camp operation, camp cooking, Leave No Trace, and safety.
Prev. Course Codes: (PAC-235) 30 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-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
CO-REQUISITES: OUT-126, OUT-135;
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
CO-REQUISITES: OUT-123, OUT-134;
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

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OUT

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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.
60 CLOCK HRS

OUT-230 - KAYAK TOURING SKILL 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 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.
100 CLOCK HRS

OUT-232 - MOUNTAINEERING SKILL BLOCK   **4.0 CR**

PREREQUISITE: OUT-211; 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 SKILL BLOCK   **4.0 CR**

A multi-day rock climbing course for Outdoor Recreation 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-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 phenomena, 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 Activities

✱ **PAC-113 - SKI CONDITIONING I**   **1.0 CR**

An individual conditioning program that builds both aerobic and muscle strength and promotes flexibility for the student planning to participate in alpine or nordic skiing.
Prev. Course Codes: (PAC-121) (PAC-151OA) 30 CLOCK HRS

✱ **PAC-161 - LOW IMPACT AEROBICS I**   **1.0 CR**

Students will develop 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-161A) (PAC-161C) 30 CLOCK HRS

✱ **PAC-166 - AEROBICS I**   **1.0 CR**

An exercise program for increasing overall fitness and cardiovascular fitness is provided in this course. Training components include warm ups, stretching, aerobic and dance exercises.
Prev. Course Codes: (PAC-151ND) 30 CLOCK HRS

✱ **PAC-167 - 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 of cardiovascular rates are stressed.
30 CLOCK HRS

✱ **PAC-171 - PHYSICAL CONDITIONING I**   **1.0 CR**

Basic physical conditioning principles and a program of exercise are introduced in this course. Emphasis is on the development of flexibility, strength, and cardiovascular fitness.
Prev. Course Codes: (PAC-151NA) 30 CLOCK HRS

✱ **PAC-181 - DANCE EXERCISE I**   **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-151NJ) 30 CLOCK HRS

✱ **PAC-189 - FITNESS WALKING I**   **1.0 CR**

Designed to improve cardiovascular fitness and strengthen all major muscle groups. This low impact, aerobic walking will also build endurance.
30 CLOCK HRS

✱ **PAC-191 - DYNAMIC WORKOUT I**   **1.5 CR**

Increased flexibility and muscle tone through exercise using mat work are the focus of this course. Body alignment, breathing and work on the abdominals, hips and thighs are emphasized.
Prev. Course Codes: (PAC-151NV) 30 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

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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.

✱ 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-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-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(123); 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(6); 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(158); 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: (PAC-156) (PAC-154A)
(PAC-151MT) 30 CLOCK HRS

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✳ PED-156 - INTERMEDIATE NON-TECHNICAL MOUNTAINEERING   1.0 CR
PREREQUISITE: PED-157(160); Min. grade C-;
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: (PAC-155) (PAC-154) (PAC-152MI) 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) 30 CLOCK HRS

✳ PED-158 - SPORT CLIMBING   1.0 CR
This course introduces sport climbing, building skills in knot tying, belaying techniques, rope management, and climbing ability. Sport climbing techniques, terminology, and safety will be the focus of the indoor portion of the course. The outdoor portion will emphasize safety while rappelling, rescue techniques, and interpreting route descriptions in guide books.
Prev. Course Codes: (PED-167) (PAC-150) 30 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-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.
Prev. Course Codes: (PAC-251) 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.
30 CLOCK HRS

✳ PED-170 - INTRODUCTION TO PHYSICAL EDUCATION   3.0 CR
Study of the field of physical education and sports, trends, precedents, and their effects in the health and total wellness of those involved.
Prev. Course Codes: (PED-106) (REC-105) 45 CLOCK HRS

✳ PED-174 - 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) 30 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-180 - TREKKING I   1.0 CR
Basic trekking skills and equipment will be covered. The climbing history and basic natural history of each peak climbed are discussed.
Prev. Course Codes: (PAC-157) (PAC-155) (PAC-151MD) 30 CLOCK HRS

✳ PED-185 - FLY FISHING   1.0 CR
This course introduces the elements of fly fishing including equipment selection, fly identification and selection of the necessary physical and mental skills to be a successful fisherperson.
Prev. Course Codes: (PED-185A) (PAC-245) 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.
Prev. Course Codes: (PAC-251) 30 CLOCK HRS

✳ PED-187 - 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.
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-241 - BEGINNING SKI RACING   1.0 CR
This course is designed to improve the skills of the beginning ski racer. Slalom and Giant Slalom, or Nordic racing will be covered. Prerequisite: Instructor's permission.
30 CLOCK HRS

PED-242 - ADVANCED SKI RACING   2.0 CR
This course will develop racing skills in Slalom and Giant Slalom, or Nordic Skiing. Prerequiste: Instructor's Permission
60 CLOCK HRS

✳ PED-250 - EXERCISE PHYSIOLOGY   3.0 CR
The body's physiological responses are introduced. The effects of environment, drugs, hormones, and other factors in performance, fatigue response, metabolism, and training effects of exercise are covered.
Prev. Course Codes: (BIO-250) (BIO-142) (HFT-120) (HFT-152) 30 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 - OUTDOOR RECREATION - PRINCIPLES & PRACTICE   3.0 CR
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 Education.
Prev. Course Codes: (REC-100) 45 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) 67.5 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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: requires college-level reading.
45 CLOCK HRS

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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.

❋ 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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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). Note: Requires college-level reading.
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 exierence, argument concerning God's existence, the Problem of Evil, faith and reason, religion and human destiny, and the connection between religion and ethics. Note: Requires college-level reading.
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.

Photography

❋ PHO-101 - 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) 60 CLOCK HRS

❋ PHO-102 - PHOTOGRAPHY II   3.0 CR
PREREQUISITE: PHO-101; 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) 60 CLOCK HRS

PHO-103 - COLOR PHOTOGRAPHY I   3.0 CR
PREREQUISITE: PHO-101; Min. grade C-;
Covers the fundamentals of color photography such as color theory and light, production, processing and printing color negatives.
60 CLOCK HRS

PHO-114 - PERSONAL PHOTOGRAPHIC VISION
1.0 CR
This class, through exercises for seeing and visual thinking, will attune the individual to his/her visual preferences. The student will evolve and reinforce

an aesthetic aspect of personal vision by pursuing an extended photography project for the duration of the class.
Prev. Course Codes: (PHA-114) 22.5 CLOCK HRS

PHO-145 - 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.
22.5 CLOCK HRS

PHO-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.

❋ PHO-176 - 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

PHO-205 - DIGITAL PHOTOGRAPHY I   3.0 CR
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.
67.5 CLOCK HRS

PHO-209 - LANDSCAPE PHOTOGRAPHY
WORKSHOP   2.0 CR
PREREQUISITE: PHO-101; Min. grade C-;
Focuses on traditional and contemporary approaches to landscape photography. Examines technical and aesthetic aspects of landscape photography through group discussions, a field study, lectures, and print and slide critiques.
45 CLOCK HRS

PHO-213 - INTERPRETIVE PORTRAIT   1.0 CR
Emphasizes use of the technical skills available to the photographer in order to achieve a strongly felt, expressive, and interpretative portrait. The emotional and psychological aspects of photographing another person will also be covered.
22.5 CLOCK HRS

PHO-215 - PHOTOGRAPHING PEOPLE   1.0 CR
This course will concentrate on techniques used in photographing people. Basic 35 mm camera operations will be covered as students study candid as well as "set-ups" in studio and natural lighting locations.
22.5 CLOCK HRS

PHO-218 - PHOTOGRAPHING WILDLIFE AND WILD
PLACES   2.0 CR
Special techniques for photographing wildlife and wild places are covered. Topics include composition, lighting, equipment, film types, lens selection, approaching wild animals, filters, and selling the work.
45 CLOCK HRS

PHO-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.
15 CLOCK HRS

PHO-280 - FIELD TECHNIQUES AND EXPLORATION
1.0 CR
Focuses on the exploration, personal inspiration and the development of an expressive style beyond the influence of the college local and its geographic confines. Lecture/demonstration topics will include film, exposure, care and use of equipment, light and composition as well as preparation for the field com-

ponent of this course.
Prev. Course Codes: (PHA-280A) 22.5 CLOCK HRS

Professional Photography

PHP-101 - COMPUTER ORIENTATION AND 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

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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 **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

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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(950) 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(957) 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

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(960); 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 presentations 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(960); 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(200); 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(949); 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;
Minimm 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. Note: Requires college level reading.
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(973); 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 advance 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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
Prev. Course Codes: (POS-270IP) (POS-025) (POS-270IP) 45 CLOCK HRS

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. Note: Requires college-level reading.
45 CLOCK HRS

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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. Note: Requires college-level reading.
Prev. Course Codes: (PSY-151) 45 CLOCK HRS

🔒 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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
45 CLOCK HRS

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✱ 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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
45 CLOCK HRS

✱ PSY-235 - HUMAN GROWTH & DEVELOPMENT
3.0 CR
PREREQUISITE: PSY-101 or PSY-102;
Min. grade C-;
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
45 CLOCK HRS

✱ PSY-249 - ABNORMAL PSYCHOLOGY   **3.0 CR**
PREREQUISITE: College Level Reading;
Examines abnormal behavior and its classification, causes, treatment, and prevention. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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-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: 1 group; REA-TS3; REA-060;
Min. grade C-;
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. Note: Requires college-level reading.
Prev. Course Codes: (REE-101) (REE-104)
(REE-101) (REE-110) (REE-111) (REE-021)
(REE-022) (REE-120REE-121A) 60 CLOCK HRS

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PSY

✱ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | NOTE: Not all courses are offered at every campus each term.

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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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(239); 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. Note: Requires college-level reading.
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

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
CO-REQUISITES: SAO-107, MAT-108;
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. Note: Requires college-level reading.
Prev. Course Codes: (SAO-012) (SAO-112A) (SAO-112) 30 CLOCK HRS

SAO-107 - ROPEWAY OPERATIONS LAB   1.0 CR
CO-REQUISITES: SAO-106;
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. Note: Requires college level reading.
Prev. Course Codes: (SAO-252) (SAO-231) 45 CLOCK HRS

SAO-111 - EQUIPMENT OPERATIONS   2.0 CR
CO-REQUISITES: SAO-112;
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
CO-REQUISITES: SAO-111;
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

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
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.
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.
30 CLOCK HRS

SAO-133 - TERRAIN PARK & HALF-PIPE OPERATIONS   1.0 CR
CO-REQUISITES: SAO-133;
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
PREREQUISITE: SAO-141(1012); Min. grade C-;
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
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

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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
PREREQUISITE: HWE-125; Min. grade C-;
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;
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.
315 CLOCK HRS

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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
PREREQUISITE: SAO-106(1003); Min. grade C-;
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. Note: Requires college-level reading.
Prev. Course Codes: (SAO-058) (SAO-236)
45 CLOCK HRS

SAO-260 - SKI AREA OPERATIONS SEMINAR 1.0 CR
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.
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

Ski Business

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(1037); 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-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 REPAIR AND TUNING II 1.0 CR
PREREQUISITE: SKB-120; Min. grade C-;
This course provides students with advanced skills associated with proper machine and tool use, edge

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repair, delaminations, and introduces them to binding inspection and mounting adjustment. Advanced structuring and waxing techniques to evaluate and prioritize ski and board repairs to ensure product reliability and safety are covered.
22.5 CLOCK HRS

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-220 - SKI & BOARD RENTAL & REPAIR SHOP MANAGEMENT 2.0 CR
The organization and management of ski rental and repair shops are introduced in this course. Shop design, equipment buying and storage, shop procedures, and shop liability are emphasized.
Prev. Course Codes: (SKB-018) 30 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-287 - WORK EXPERIENCE 3.0 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) 45 CLOCK HRS

SKB-288 - WORK EXPERIENCE 3.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (SKB-230C) (SKB-060C) (SKB-230C) 135 CLOCK HRS

SKB-289 - WORK EXPERIENCE 15.0 CR
Provides work experience for students to gain practical work experience related to their educational program.
Prev. Course Codes: (SKB-230Q) 675 CLOCK HRS

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. Note: Requires college level reading.
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. Note: Requires college level reading.
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-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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college level reading.
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. Note: Requires college-level reading.
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. Note: Requires college-level reading.
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

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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

✽ 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-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

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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. Note: Requires college level reading.
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. Note: Requires college level reading.
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-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. Note: Requires college-level reading.
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. Note: Requires college level reading.
Prev. Course Codes: (THE-116) (DRA-155) 60 CLOCK HRS

✽ THE-112 - ACTING II   3.0 CR
PREREQUISITE: THE-111(263) 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(263) or THE-112(1069); 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(263) or THE-112(1069); 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. Note: Requires college level reading.
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. Note: Requires college level reading.
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: THEATRE   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

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

✽ applies to cmc aa/as degree | 🔒 colorado state guaranteed transfer course | NOTE: Not all courses are offered at every campus each term.

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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 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-133 - CANINE MANAGEMENT   1.0 CR
PREREQUISITE: VET-100; Min. grade C;
This course is designed to provide students with knowledge of the wide range of dog types and their uses. Topics include: selection techniques, care and management, and ethical and legal responsibilities of dog ownership.
Prev. Course Codes: (VET-227) (VET-016)
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 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

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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(139);
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

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 Oxyacetylene 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

Tom Holford spent an Outdoor Semester in the Rockies, then earned his Outdoor Education certificate and Associate in Arts degree. He transferred to Prescott College, then joined the United States Antarctic Program. From McMurdo, Antarctica he provides support for scientific expeditions.

residential life   programs   courses   **moving on**   ctory

moving on

Graduation Requirements

Requesting CMC Transcripts

Earning Bachelors and Graduate Degrees within the CMC Service Area

Transferring CMC Credits Out

Student Privacy, Records & Rights

Alumni: Staying in Touch

Moving On: Graduating, Transferring Out, Records & Rights

As much as you'd like to stay at CMC, you most likely 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 which is current at the time you begin a program will be used to establish graduation requirements. See Catalog In Force Requirements for more information.

Continuous Enrollment Policy. Graduation requirements for each degree and certificate program are outlined in the Arts and Sciences and the Occupational certificates and degrees sections of the catalog. The catalog which is current at the time the student begins a program will be used to establish graduation requirements.

If the student does not maintain continuous enrollment, he/she 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 (which 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. Students beginning their enrollment in the Spring Semester and who successfully complete a minimum of three credit hours which are used in meeting program requirements are considered to have met these standards for the academic year.

The student also has the option of selecting the catalog which is in force at the time he/she applies for graduation. For more information, see Catalog in Force/Catalog of Record, under Academic Policies in the chapter entitled "courses".

Petitition 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.

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).

Combining Transfer Credit with CMC Credit. Students 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. Students requesting this option for awarding an A.A. or A.S. degree must have earned a minimum of 47 credit hours of course work at Colorado Mountain College.

Students requesting this option for awarding an A.G.S. or A.A.S. degree 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 definition of "Awarded and Earned Credits" on page 21.

Graduating from Discontinued Programs. Colorado Mountain College will not award a degree or certificate for a program which 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 any such deadlines.

Requesting CMC Transcripts

Transcripts which 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 which 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 which are sent to the student, any other person or place must be requested by the student in writing from:

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 Type	Cost
Sent to other educational institution	Free
Sent 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 transcript 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, in the chapter entitled "Getting In" for required procedures for dropping a class.

Non-credit: Prior to summer 2003, non-credit courses do not appear on the students' academic record. Starting summer 2003, there is a special non-credit transcript available.

"W"- Withdrawal: A "W" is assigned if the student officially drops from 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 instructors' 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 which are not changed by the end of the semester will automatically become failing grades ("F").

"AU"- Audit: Students registered for a class through the audit option receive an "AU". 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 which 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.

moving on

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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 statistics. 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
Or at www.colostate.edu
University of Colorado, Denver
(303) 556-3374
Master of Arts in Counseling, Breckenridge
Regis University
1-800-910-2910
www.regis.edu
Mesa State University
BA in Elementary Education
www.coloradomtn.edu/programs/ctp/home.html

↑ *Our avalance safety and EMT/
Paramedic training is used by ski
patrollers throughout Colorado.*

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 Guatanteed General Education Courses and participating institutions, see: http://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 35-37 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?**
   See: http://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 complete 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 don't complete my AA or AS degree requirements by the end of the 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 transfer by the end of the summer, 2005, all courses will be 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 and 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 35-37 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.

8. **What if I change my major while enrolled in a public higher education institution in Colorado?**

    If you change your major between 2 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 35-37 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 courses like French and psychology 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 4 or better on Advanced Placement tests, or 5 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 statewide 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. Beginning 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 will be 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 identified 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 http://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 at: http://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.

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.

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 credit 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 asterisk symbol.

Transferring Special Topics Study Credits. Special Topics courses (numbered 175 & 275) 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. In liberal arts and 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 35-37 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.

*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.

Community College Transfer Core Option. Students who begin courses at one of the 15 Colorado Community Colleges prior to Fall Semester 2003 have 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 all core coursework completed before the end of Summer Semester 2005. Upon completion of the Community College Transfer Core, all core classes will be 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. Beginning 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 will be 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.

← *Professors who enjoy teaching.*

The General Education Transfer "Core" includes courses listed at: http://www.state.co.us/cche/gened/gtpathways/transfer.pdf

Courses listed in the 2004-2005 master course listing and degree checklist that using 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. In liberal arts and 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 35-37 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 35-37 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 courses such as French and Psychology will transfer.

For a list of applicable degrees at Colorado institutions of higher education, see: http://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 http://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 which 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.

Colorado Mountain College has signed agreements outlining transfer of degrees in:
· Bilingual Elementary Education
· Elementary Education with Mesa State
· Criminal Justice
· Environmental Technology
· Outdoor Recreation Leadership
· Professional Photography
· Ski Area Operations
· Veterinary Technology

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 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, which 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 & sophomore)requirements. Check your transfer school's catalog to determine their expectations for freshmen and sophomores. Try to match their 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, typically 64-68 semester credits.

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 which 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 Educational Rights & Privacy Act. 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 regarded as 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 set out in the Family Educational Rights and Privacy Act of 1974.

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 (FERPA) 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. They are:

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 which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed 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: 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 to the student under the Internal Revenue codes.

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 ADA Officer, Dr. Robert Spuhler, President, Administrative Services/Student Services, 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. E-mail our Development Director, Carol Ready, at cready@coloradomtn.edu for more information about alumni opportunities and resources.

You may also subscribe to the alumni newsletter from the alumni homepage at http://www.coloradomtn.edu/alumni/home.html

⬆ *Quick bike into Steamboat.*

directory:

full-time faculty
& staff

←

Student focused—
Timberline Associate Professor
Nancy Cain
listens to her students.

directory

Directory: CMC Full-time Faculty and Staff

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.

CMC Full-Time Faculty

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".

Biology Faculty

Professor, Biology/Math
Bob Kelley
A.S., Mesa College; B.A., M.A., Western State College;
Roaring Fork/Spring Valley

Professor, Biology
Kim Ryder
Ph.D., Indiana University School of Medicine; M.S., Ball State University

Professor, Biology
Kathy Wolf
B.A., Sonoma State; M.A., University of California;
Alpine Campus-Steamboat Springs

Business Faculty

Professor, Business
Roger Segler
B.B.A., University of Nebraska;
M.A., University of Alabama;
Alpine Campus-Steamboat Springs

Professor, Business
Pat Turner
B.S. & M.S., University of Colorado;
Alpine Campus-Steamboat Springs

Chemistry Faculty

Professor, Chemistry/Sciences/Math
Peter Jeschofnig
B.S., West Texas State University; M.A., Southern Methodist University; Ph.D., Colorado State University;
Roaring Fork/Spring Valley

Associate Professor, Chemistry/Math
Sherri Kabir
B.S., State University of New York; Ph.D., City University of New York
Alpine Campus-Steamboat Springs

Colorado Law Enforcement Training Academy (CLETA) Faculty

Instructor
Kevin Brun
P.O.S.T. Police Officer Certifications
Roaring Fork/Spring Valley

Communications/Humanities Faculty

Professor Humanities/English Composition
Kathy Kiser-Miller
B.A., Otterbein College;
M.F.A., University of Wisconsin-Madison
Alpine Campus-Steamboat Springs

Associate Professor, Communications/Humanities
Bruce Beckum
B.S., University of Kansas;
M.A., Stephen Austin State University; M.A. University of Texas at El Paso
Alpine Campus-Steamboat Springs

Professor, Communications/Humanities
Thomas Buesch
B.S., Ripon College; M.A., Ph.D., Northwestern University;
Aspen Campus

Associate Professor, Communications/Humanities
David Jordan
B.A., University of Mississippi;
M.A., Univ. of Southern Mississippi; Ph.D., University of Georgia
Timberline/Leadville

Associate Professor, English/Humanities
Neil Reynolds
B.A., Regis College; M.A., University of Northern Colorado; J.D., Creighton University;
Timberline/Leadville

Associate Professor, Communications/Humanities
Leslie Stoupas
B.A., University of Colorado;
M.A. Western Washington University
Roaring Fork/Spring Valley

Assistant Professor Humanities and Social Science
Pam Burwell
AA, Colorado Mountain College; B.A. Regis University;
M.A California State University

Computers/Information Systems/Information Technology/Microcomputers Faculty

Professor Microcomputer -Dir. Prog.
Louis Beatty
B.S., Virginia Polytechnic Institute; M.S. Old Dominion University;
Summit/Dillon

Professor, Computer Education
Traci Collins
B.A., Guilford College; M.A., University of Denver;
Roaring Fork/Glenwood Center

Professor Information Technology/Division Director
Gwyn Ebie
B.F.A., University of Kansas;
M.B.A., Eastern New Mexico University;
Aspen Campus

Professor, Computer Education
Jim French
B.A., University of Northern Colorado; M.A., University of Colorado;
Timberline/Leadville

Professor, Computer Education
Jeff Troeger
B.A., & M.B.A., J.D. Indiana University;
Alpine Campus-Steamboat Springs

Associate Professor, Information Technology
Joel Cotton
B.S., Oregon State University; M.S., Colorado State University
Glenwood Center

Associate Professor, Computer Information System
Steve Lee
B.S, Baylor University; M.S. Baylor University
Vail-Eagle Valley Campus/ Edwards

Culinary Education Faculty

Director of Culinary Education/ Associate Professor
Kevin Clarke
A.A.S., Colorado Mountain College - Culinary Institute; B.S. & J.D., Univ. Colorado
Summit/Breckenridge

Director of Culinary Education/ Associate Professor
Todd Rymer
B.A. New College of the University of South Florida; M.S., Florida International University
Vail-Eagle Valley Campus/ Edwards

Developmental Education and Studies Faculty

Professor, Developmental Education
Mary Axelson
B.S. & M.S.Ed., Texas Tech University;
Roaring Fork/Spring Valley

Associate Professor, Developmental Education
Diane DeFord
B.A., Virginia Polytechnic Institute & State University of Blacksburg VA.; M.A., University of Denver
Roaring Fork/Glenwood Center

Associate Professor, ABE/ Developmental Education
Jennifer le Roux
B.A., Stellenbosch University; H.D.E., University of Cape Town; M.A., Adams State College
Alpine Campus-Steamboat Springs

Associate Professor, Developmental Education
Laura Pless
B.A., University of Northern Carolina; M.A. Regis University
Summit/Dillon

Assistant Professor, Developmental Studies
Rhonda Thompson
B.A., M.Ed., Seattle University
Timberline/Leadville

Assistant Professor, Developmental Studies
Janet Rivera
B.S., Michigan State University
Vail-Eagle Valley

Instructor, Developmental Education
Roseanne Shepard
B.A. Benedictine College
Roaring Fork/Spring Valley

Instructor, Developmental Education
Aggie Ramos
B.A Regis University
Vail-Eagle Valley

Assistant Professor, Developmental Studies
Marcia Hund
M.A. Regis University
Rifle

Emergency Medicine and Paramedic Faculty

Associate Professor EMS/ Program Coordinator
Ken McCracken
M.A., James Madison University
Roaring Fork/Glenwood Center

Associate Professor Paramedic Prgram
Liz Owen
B.S., University of Missouri
Vail-Eagle Valley/Edwards
EMS Coordinator
Jeff Nordeen
B.S., Wayne State College;
Summit/Breckinridge

Instructor, EMS/Wilderness Paramedic
Jeff Nordeen
B.S., Wayne State College
Summit/Breckinridge

English as a Second Language (ESL) Faculty

Associate Professor, ESL
Jan Attoma
B.A., Columbus College - University of Georgia
Vail-Eagle Valley Campus

Associate Professor, ESL/ Spanish
Pam Hogan
B.A., Prescott College; M.A., Adams State College
Roaring Fork-Glenwood Center

Associate Professor, Developmental Educ./ESL
Lorraine Miller
B.A., San Diego State University
Aspen Campus

Assistant Professor, ESL
Sharon Aguilar
M.A. University of Colorado
Summit/Dillon

Associate Professor, ESL
Michael Reyelts
B.A. Brigham Young University; M.A., Adams State College
Rifle Campus

English/Composition Faculty

Professor, English
Doug Evans
B.A., M.A., University of Kansas;
Roaring Fork/Spring Valley

Professor of Communications and English
Janie Swartz
B.A., Illinois College; M.A., University of Illinois; M.A., U. of Illinois at Springfield.
Alpine Campus-Steamboat Springs

Assistant Professor, English/ Communications
Rebecca Potter
B.A., Washington University, St. Louis; M.F.A., Pennsylvania State University
Alpine Campus-Steamboat Springs

Assistant Professor, Composition/Communication
Tal Hardman
B.A. & M.A., Illinois State University
Roaring Fork/Spring Valley

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Fire Science Faculty

Assistant Professor Fire Science/Program Coordinator
Kurt Keiser
B.A., Purdue University: B.F.S., Southern Illinois University
Vail-Eagle Valley Campus/Edwards

Geology Faculty

Professor, Geology/Math
Garry Zabel
B.S., M.S., University of Houston;
Roaring Fork/Spring Valley

Graphic Design Faculty

Professor, Graphic Design
Nancy Stranger
B.S., Northern Arizona University; M.Ed., Ph.D, Colorado State University;
Roaring Fork/Spring Valley

Heavy Equipment Operation Faculty

Professor, Heavy Equip. Oper./Survey.
Joe Nachtrieb
A.S., United Electronic Institute;
Timberline/Leadville

Mathematics Faculty

Associate Professor, Science/Mathematics
Nancy Cain
B.S., Colorado State University; M.Ed., Adams State College
Timberline/Leadville

Professor, Mathematics
Stephen Craig
B.S. & M.S., University of Colorado
Alpine Campus-Steamboat Springs

Associate Professor, Mathematics
Merne Dragonette
B.A., M.S., University of Colorado
Roaring Fork/Spring Valley

Associate Professor, Science/Math
William Painter
B.S., M.A., Clemson University; Ph.D., Colorado State University
Summit/Dillon

Nursing Faculty

Director of Nursing
Sally Smalley
B.S.N., M.S.N., University of Oklahoma;
Roaring Fork/Spring Valley

Professor, Nursing
Carol Conger
A.S., B.S., Pacific Union College; M.S., University of Colorado Health Sciences Center
Roaring Fork/Spring Valley

Associate Professor, Nursing
Gloria Miller
Ed.D. University of South Carolina
Roaring Fork/Spring Valley

Associate Professor, Nursing
Maureen Nuckols
B.S.N., University of Cincinnati; M.S.N., Boston University; M.A., University of Denver
Roaring Fork/Spring Valley

Professor, Nursing
Diane Purse
B.S.N., M.S.N., P.N.P, State University of New York
Roaring Fork/Spring Valley

Occupational Health & Safety Faculty

Professor, Occupational Safety
Susan Good
B.A., Colorado Women's College;
Alpine Campus-Steamboat Springs

Professor, Occup. Health & Safety & Apprenticeship
Ed Hayduk
B.S., Pennsylvania State University;
Roaring Fork/Spring Valley

Outdoor Education & Leadership Faculty

Associate Professor, Outdoor Recreational Leadership
Jerry Andrew
B.S., Iowa State University; M.Ed., Texas A & M University
Timberline/Leadville

Associate Professor Outdoor Recreational Leadership
Kent Clement
B.S., California State University; M.A., Western Illinois University; Ph.D., Colorado State University;
Timberline/Leadville

Associate Professor Outdoor Education
Bruce Kime
B.S., University of Oklahoma; M.S., Oklahoma State University;
Roaring Fork/Spring Valley

Associate Professor, Wilderness Studies
John Saunders
B.S., North Carolina State University; M.A., Ed.D., University of Northern Colorado;
Alpine Campus-Steamboat Springs

Assistant Professor, Outdoor Semester in the Rockies
David Gottorff
M.A., Prescott College
Timberline/Leadville

Photography Faculty

Professor, Photography
Jim Elliott
A.A.S., Colorado Mountain College; B.S., Bryant College;
Roaring Fork/Spring Valley

Associate Professor, Photography
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;
Roaring Fork/Spring Valley

Physical Sciences Faculty

Professor, Physical Sciences
James Westlake, Jr.
B.S., University of Alaska; B.S., Valdosta State University; M.S. Louisiana State University;
Alpine Campus-Steamboat Springs

Real Estate Faculty

Associate Professor, Real Estate
Adrian Rippy-Sheehy
B.A., Colorado State University
College-wide
Campuses at Vail, Dillon, Steamboat and Rifle

Resort Management Faculty

Professor, Resort Management
Terry Hunter
B.S., University of Central
Arkansas;
Alpine Campus-Steamboat
Springs

Sciences Faculty

Associate Professor, Sciences
James Westlake, Jr.
Ph.D., Indiana University
School of Medicine

Ski Area Operations Faculty

Professor, Ski Area Operations
Curt Bender
A.A., Gogebic Community
College; B.A. & M.B.A.,
Western State College;
Timberline Campus-Leadville

**Associate Professor, Ski Area
Operations**
Paul Rauschke
A.A.S., Colorado Mountain
College; B.A., Illinois State
University;
Timberline Campus-Leadville

Ski and Snowboard Business Faculty

**Assistant Professor, Ski and
Snowboard Business**
Michael Martin
A.A., Colorado Mountain
College; B.S. Regis University;
MBA Regis University
Alpine Campus-Steamboat
Springs

Social Sciences Faculty

**Professor, Psychology/
Anthropology**
George Bagwell
B.A. & M.A., San Diego State
University
Alpine Campus-Steamboat
Springs

Spanish Faculty

Professor, Spanish
Mary Ebuna
B.A., University of Northern
Colorado; M.Ed., Colorado
State University;
Timberline Campus-Leadville

Associate Professor, Spanish
Sara Smith
Ph.D., Michigan State
University
Vail Eagle Valley, Edwards

Theater Faculty

Professor, Theater
Tom Cochran
B.A., University of California;
M.F.A., Florida State
University;
Roaring Fork Campus-Spring
Valley

Veterinary Technology Faculty

**Professor, Veterinary
Technology**
Karen Kean-Hines
B.S., D.V.M., Colorado State
University;
Roaring Fork Campus-Spring
Valley

**Associate Professor, Veterinary
Technology**
Jeff Myers
B.S., D.V.M., Colorado State
University
Roaring Fork Campus-Spring
Valley

**Associate Professor, Veterinary
Technology**
Nancy Sheffield
B.S., University of Maryland
Roaring Fork Campus-Spring
Valley

CMC Full-Time Staff by Location

This is a listing of all full-time CMC staff by location.

Alpine Campus

(Steamboat Springs)

Campus Dean
Robert Ritschel
Ed.D., University of Illinois

Assistant Campus Dean for Instruction
Lance Eldridge
B.S., M.A., University of Nebraska; M.S. JMIC-US Defense Dept.

Assistant Campus Dean for Student Services
Brian Hoza
M.S., Western Illinois State University

Accounts Manager
Carol Richards

Administrative Assistant I
Brianne Powell
B.A., Louisiana State University; B.A., Louisiana State University

Adminstrative Assistant I
Shelly Riley

Administrative Assistant I
Karen Wallace
B.A.E., University of Kansas

Administrative Assistant I
Carol Weber

Administrative Assistant I /Receptionist
Mimi Hutton

Administrative Assistant II
Denise Roach
A.A., Colorado Mountain College;

Admissions Assistant
Janice Bell

Bookstore Assistant
Erika Grant

Bookstore Manager
Leslee Gooch

Campus Financial Aid Specialist
Mary Edwards

Coordinator of Student Activities/Summer Programs
Tommy Larson
B.S., Southern Oregon University; M.S., Washington State University

Custodian
Damian Schmidt

Custodian
Chip VonThaden

Custodian
Betty Whitmore

Custodian
Glenn Wojcik

Director of Student Support Services
Laurie Marano
B.A., Florida Atlantic University; M.A., Regis Univ.

Division Director I
Carolyn Peters
B.A., Adams State College; M.S., University of Oregon

EMS Training Coordinator
Paul Yonekawa

Groundskeeper/Custodian
Craig Carnes

Head Ski Team Coach
George Thomas

Microcomputer Specialist II
Erin Furman

LRC Technician
Kristin Weber
M.A., California State University - Dominguez Hills; B.A., California State University - Northridge

LRC Technician
Sarah Winter
B.S., University of Colorado Health Sciences Center

Maintenance Mechanic
Richard Dettwiler

Maintenance Mechanic
William Samuelson
Electrical Technlogy Occupational Certificate

Maintenance Mechanic
Steven Smith
B.A, University of Louisville

Manager Business Ctr./SBDC Counselor
Scott Ford
B.A., Westmont College

Media Technician
Sandy Kent
M.A., University of Colorado at Denver;

Physical Plant Manager
Steve Hoots

Registration Technician
June Silva

Special Populations Coordinator
Debra Farmer
M.A., University of Colorado

Student Receivables Clerk
Linda Westlake

Student Services Counselor
Marcel Archuleta
M.A., University of Phoenix

Student Support Services Coordinator
Linda Rose
Ph.D., Universtiy of Denver

Interim Coordinator of Student Life
Tami Jenkins

Aspen Campus

Campus Dean
Ann Harris
Ph.D., Colorado State University; M.Ed., Johns Hopkins University

Accounts Manager/ Administrative Assistant II
Karen Silverman
B.B.A., University of Bridgeport

Lead Administrative Assistant
Karen Ryman
B.A., Michigan State University

Administrative Assistant II
Jennifer Brennan

Administrative Assistant II
Rebecca Arrington
B.A., University of Colorado

Administrative Assistant II
Will Swentzel
B.S., University of Colorado

Division Director
Judi Bell
M.S., California State University-Fullerton

Division Director
Eileen Hinchliffe
B.A., University of Northern Colorado

Maintenance Manager
Kevin Wheeler
B.A., University of Colorado;

Microcomputer Specialist II
Tom Snyder

Student Services Counselor
Kim Moore
M.S. Florida International University

Student Services Counselor/ Division Director
Joe Maestas
M.A., University of Colorado-Denver

Central Services

(Glenwood Springs)

President
Bob Spuhler
Ed.D., University of Southern California;

Accounting Finance Manager
Jim Poremba
B.S., St. Joseph's College

Accounting Technician I - Accounts Payable
Judy Street

Accounting Technician I - Cash Management
Sherri Priore

Accounting Technician I, Student Receivables
Tammy Smith

Accounting Technician II
Penny Kenealy

Administrative Assistant I
Sandi Anderson

Administrative Assistant I
Maureen Richardson

Administrative Assistant I
Noreen Steiner

Administrative Assistant I
Joyce Usher

Administrative Assistant I - Facilities
Anne Holder
A.A., Colorado Mountain College

Administrative Assistant II
Nancy Hays

Administrative Assistant II
Yvonne Henderson
B.A., University of Iowa;

Administrative Assistant II
Fran Miller

Administrative Assistant II
Lorraine Wiltse

Administrative Clerk - Registrar
Stephanie Pasternak

Admission Counselor
Vicky Butler
B.A., Ashland University

Admissions Assistant
Blair Lowery

Assistant Director of College Facilities
Marc Gallegos
B.Sc., California State Polytechnic University; A.A. East Los Angeles College

Assistant Registrar
Pat Tomasko
B.S., University of Wisconsin

Assistant to the President
Toni Black
B.S., Fort Lewis College;

Associate Dean Workforce Development
Renee Kuharski
M.A., University of Colorado - Denver

Budget Audit Manager
Lee Smith
B.S., Colorado State University

Chief Learning Officer
Ben Yohe
Ph.D., Colorado State University

Chief Student Development Officer
Lin Claussen
M.P.A., University of Colorado

Construction Manager
Joe Elliott

Coordinator Wo/Men in Transition
Mariann Hotchkiss

Database Administrator
Greg McAllister
B.B.A. Mesa State College

Dean of Arts & Sciences
Diane Nyhammer
M.A., Northern Illinois University

Dean of College Relations
Alexandra Yajko
M.A., The New School for Social Research

Dean of Finance & Budgets
Linda English
CPA; Bachelor of Accounting, Walsh College of Accountancy;

Dean of Students
Mark McCabe
Ed.D., Northern Arizona University

Director of Development
Carol Ready
B.A., Memphis State University

Director Human Resources
Kelly Johnson

Director of College Facilities
Bob Robichaud,
B.S., U.S. Coast Guard Academy; M.S., University of Illinois

Director of Financial Aid
Gary Lewis
M.Ed., Georgia State University

Director of Learning Technologies
John Jamison, B.A., McKendree College; M.Div., Garrett-Evangelical Theological Seminary; MS.Ed, Quincy University

Director of Literacy Outreach
Martha Frendendall

Director of Marketing & Communications
Doug Ellis
B.A., Colorado State University; M.S.S., University of Denver

Director of Pre-Enrollment Services
Bill Sommers
B.A., Ripon College; M.S., Cardinal Stritch University

Director of Small Business Development Center
Kaye Jacobson
BBA Florida International University

Director of Technology and Network Services
Jim English
M.B.A., Eastern New Mexico University

Division Director - Distance Learning
Daryl Yarrow
M.A., Regis University

Educational Services Specialist
Marjorie Ellis

Even Start Director
Rebecca Ruland
B.S., Northern Arizona University; M.A., University of New Mexico

Family Coordinator - Even Start
Missy Taucher

Financial Aid Advisor
Theresa Hadsock

Financial Aid Advisor
Willa Soncarty

Foundation Specialist
Carol Brown
Certificate of Occupational Proficiency, Colorado Mountain College

Grants Development Specialist
Bernadette Julich
A.A., Colorado Mountain College;

Help Desk Analyst
Shirley Eaves

Human Resources Generalist
Jen McGill
B.S., Western Illinois University

HVAC Technician
Phil Meadowcroft

HVAC Technician
Ed Tacker

Institutional Research Analyst
Melissa DeHaan
B.A., M.S., University of Colorado

Institutional Research Analyst
Veneeya Kinion
B.B.A. California Lutheran
University;

Journeyman Carpenter
Hugh King

**Journeyman Carpenter,
Collegewide**
Brian Cox

Learning Technology/Trainer
Sue Schmidt
M.A. Ed, George Washington
University

Maintenance Mechanic
Jeff Abts

Maintenance Mechanic
Mark Holder

**Marketing & Publications
Editor**
Doug Stewart
B.A., Whitworth College

Microcomputer Specialist
Emory White

Payroll Clerk
Benita Anders

Payroll Specialist
Mike Rhoades
B.A., Western State College

Procurement Specialist
Linda Ouellette

Programmer/Analyst
Kathi Arthur
B.S., Mesa State College

Programmer/Analyst
Karleen Clark

Programmer/Analyst
Andre DuBois

Programmer/Analyst
Rene Mendoza

Public Relations Director
Debra Crawford
B.A., Colorado State University

Purchasing Manager
Sam Skramstad

Receptionist
Cheri Brock

Strategic Planning Coordinator
Meeta Goel
Ph.D., Texas Woman's
University; M.A., McGill
University, Montreal, Quebec

Technical Services Manager
Miles Moran

Telecommunications Specialist
Cleo Perkins

**Workforce Training
Coordinator**
Carolyn Tucker
B.S., University of California;
M.A., University of Denver

Youth Outreach Coordinator
Mariana Velasquez-Schmahl

Rifle Campus

Campus Dean
Pam Arsenault
B.A., Arizona State University;
M.A., Portland State University

Accounts Manager
Tom Hitt, Jr.
B.S., Southern Colorado State
University

Administrative Assistant II
Sue Coquoz

Administrative Assistant II
Linda Kochevar

Administrative Assistant II
Susan Wagstrom

Division Director I
Sarah Lambert
M.A., Northern Arizona
University

Division Director I
Teri Kinkade
M.A., Chadron State College;

Maintenance Manager
Ralph Lindstrom

Student Services Counselor
Chris Lazo, M.Ed., Northern
Arizona University; B.A., Mesa
State University

Roaring Fork Campus

(Lappala Center - Carbondale)

**Assistant Campus Dean/
Continuing Education**
Bill, McGreevy
M.Ed., B.J. University of
Missouri

**Administrative Assistant
II/Accounts Manager**
Karen Crawford
B.A., Western State College

Administrative Assistant II
Faye Porche

Administrative Assistant II
Megann Grett-Pratt

Custodian
Russ Collins

Division Director I
Mary Clement
M.A., University of New Mexico;
M.A., Manhattanville College

Student Services Counselor
Debra Burleigh
M.A., Point Loma College

Roaring Fork Campus

(Glenwood Center)

**Assistant Campus Dean/
Continuing Education**
Bill McGreevy, M.Ed., B.J.,
University of Missouri

Accounts Manager
Jackie O'Brien

**Administrative Assistant
II/Accounts Manager**
Linda Shoup

**Administrative Assistant I
- Bilingual Education**
Cheryl McDonald

Administrative Assistant II
Terry Glasenapp
A.A., Colorado Mountain
College;

Administrative Assistant II
Ann Halpin

Administrative Assistant II
Joan LaMoreaux

Administrative Assistant II
Beth Zukowski
B.A., DePauw University

Custodian
Robbie Adams

Custodian
Allie Bailey-Gates

Director of Bilingual Education
Georgi Aibner
M.A., University of Colorado

**Director of Children's Mini
College**
Judy Milne, B.A., University of
Alberta

Director of Senior Programs
Deb Stewart
M.Ed., Northern Arizona
University

Division Director I
Jonathan Satz
M.A., Adams State College

Driver-Senior Programs
Donald Bell

Driver-Senior Programs
Greg Jeung
B.S., Loyola Marymont
University

Maintenance Manager
Mike Spychala

RSVP Coordinator
Kate Somsel-Longmore, B.S.,
St. Louis University

Student Services Counselor
Judy Fisher
M.A., University of Denver

Roaring Fork Campus

(Spring Valley)

Campus Dean
Nancy Genova
Ed.S, University of Northern Colorado

Assistant Campus Dean for Instruction
Terry Miller
B.A., University of Colorado; M.A., University of Michigan

Asst. Campus Dean for Student Services
Lisa Doak
M.Ed., University of Wisconsin

Accounts Manager/ Administrative Assistant II
Nan Sowieja

Administrative Assistant I
Linda Carlson

Administrative Assistant I
Barbara Gugelman

Administrative Assistant I
Ruth Sante

Administrative Assistant I
Michael Doyle

Administrative Assistant II
Lisa Cade

Adminstrative Assistant II
Annie Stephens

Admissions Assistant
Deb Cutter

Assistant Coordinator of Residence Life
Kendra Carpenter
B.A., University of Colorado

Bookstore Manager
Paige Lillie, B.A., M.A. and Ed.D Lehigh University;

Campus Financial Aid Specialist
Stephanie Monroe

Coordinator of Student Life
Abbie Dickinson, B.A., Mesa State College; M.A., University of Denver

Coordinator of Student Life/ Summer Conference
Mary Lehrman

Custodian
Geri Dean

Custodian
Alice Jenson

Custodian
Merry Manzanares

District Media Center Supervisor
Joe Jones

District Media Technician
Chris Mecham

Division Director I
Alice Phillips
M.S., University of North Texas

Electronic Course Management System Coordinator
Jane Maurer

Groundskeeper
Jesse Matteson

Groundskeeper/Custodian
Michael Kane

LRC Coordinator
Mindy White, M.L.S., Indiana University

LRC Clerk
Becky Kramer

LRC Technician
Richard Thomas, B.A., M.A. Adams State College

Maintenance Mechanic
Jim Garlow

Maintenance Mechanic
Joe Gugelman

Maintenance Mechanic
Terry Schmidt

Microcomputer Specialist II
Joel Williford

Night Security
Risa Rater

Photo Lab Technician
Scot Gerdes

Physical Plant Manager
Alan Wizer

Special Populations Coordinator
Ida Burnaman, M.Ed., Stephen F. Austin University

Student Services Counselor
Edward Bouchard, B.A., Western State University; MS. Montana State University

Student Services Counselor
Lisa Runck, L.M.H.C., N.C.C. B.A., Univeristy of Alaska Fairbanks; M.A., Central Michigan University

Student Support Services Coordinator and Student Learning Coordinator
Debi Martinez, M.S.W., University of Denver; B.A., California State University;

Vet. Tech./Ranch Manager
Ruth Walker

Summit Campus

(Breckenridge Center)

Campus Dean
Leah Bornstein, B.A., Bradford College; M.Ed. University of Vermont; Ph.D., University of Denver

Accounts Manager
Jim Lamb, B.A., University of Central Florida

Administrative Assistant I
Lori Friedman

Administrative Assistant I
Julie Lyne

Administrative Assistant II
Deborah Devine

Administrative Assistant II
Jennifer Kemppainen

Division Director I
David Askeland, M.A., Columbia International University; B.S., Taylor University

Division Director I
Dawn Zoni
Ph.D., University of Northern Colorado

Lead Administrative Assistant
Lina Popma

Maintenance Manager
Stephen O'Hearne

Microcomputer Specialist
Alisa Herbertz

Student Services Counselor
Heather Cutler

Summit Campus

(Dillon Center)

Administrative Assistant I
Mollie Maurer

Administrative Assistant II
Teena Ofsowitz

Division Director II
Marsh Arzy
M.Ed., Montana State University

Lead Administrative Assistant
Marie May

Virtual Learning Resource Center Coordinator
Yuliya Lef, B.A., Univesity of Colorado - Boulder, M.L.S., Indiana University - Bloomington

Workforce Training Coordinator
Heidi Bimmerle, B.S., Texas Women's University

Timberline Campus

(Chaffee County Center)

Accounts Manager
Holly Bevan

Administrative Assistant II
Angela Wallace, AAS in Business, Colorado Mountain College

Division Director II
Susanna Spaulding, M.B.A., New York University Graduate School of Business Administration

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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 <u>after</u> CMC graduation
☐ (3) Yes, to a 4 year school <u>before</u> CMC graduation
☐ (4) Yes, to a 2 year school <u>after</u> CMC graduation
☐ (5) Yes, to a 2 year school <u>before</u> 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?**
☐ <u>M</u>other ☐ <u>F</u>ather ☐ <u>B</u>oth ☐ <u>N</u>either ☐ <u>U</u>nknown

Have your parents earned a baccalaureate (4-year) de-
☐ <u>M</u>other ☐ <u>F</u>ather ☐ <u>B</u>oth ☐ <u>N</u>either ☐ <u>U</u>nknown

● **Would you like information about support services available for students with disabilities?** ☐<u>Y</u>es ☐ <u>N</u>o

SIGNATURE(S) REQUIRED - Please complete and sign reverse side   CMC #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.)	[ ]	

(with **OR** between the two columns)

- **List the last 2 years of employment**

			fr___ to___					fr___ to___
(employer)	(city)	(state)	(dates)	(employer)		(city)	(state)	(dates)

			fr___ to___					fr___ to___
(employer)	(city)	(state)	(dates)	(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
Student Scholarship Application

COLORADO MOUNTAIN COLLEGE

F O U N D A T I O N

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.

Name _____
Last 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_____

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

REGISTRATION Add/Drop Form

Colorado Mountain College ®

(Must be completed and signed by student)

General Information

Registration/Add: Students are usually allowed to reg/add a class on or before the Class Census Date. Sites may require the authorization of the instructor after the first class session. Adding a class after the Class Census Date (although not usually approved) requires the authorization of the instructor and the site administration.

Grade Option: Students may register for most courses choosing any of the grade options of letter grade, pass/fail or audit. The letter grade option is not available for courses with a prefix of PAC or MAA or any course .5 credit or less; these are only pass/fail or audit. Please choose a grade option when registering for a course(s). Students may change their grade option up to the census date for the course by contacting the records office or on the WEB once it is available.

Drop: Students may drop a class on or before the Class Withdrawal Date. Drops are not authorized after the Class Withdrawal Date.

Refund A 100% tuition and fee refund is authorized if the class is dropped on or before the Class/Fee Refund Date.

Drop Date: The official date used for authorizing a drop, and/or refund, is the date on which the completed Reg/Add/Drop Form is received by the site registration office. If a Reg/Add/Drop Form is not available to the student, a written notice containing the required information may be substituted. Again, the date this substitute document is received by the site registration office determines the student's eligibility to drop and/or receive a refund.

Grade: Students dropping a class on or before the Class Census Date will have all record of the class removed from their academic record. Students dropping a class after the census date will receive a grade of "W" for the class on their academic transcript.

Please Print

Student Name: _____ **Student ID #** _____
Last   First   MI

Student's Mailing Address: _____
Street or Box   City   State   Zip

New Address? ☐ Yes ☐ No   **Is this your preferred mailing address?** ☐ Yes ☐ No   **Birthdate:** _____

Phone: _____
Local Telephone   Work Telephone & Ext.

E-Mail Address: _____

	Synonym No.	Course Code-Sec.	Course Title	Credit Hours	Grade Option (Check One)			Tuition	Fees
					Letter Grade	Pass/Fail	Audit		
Sample:	034967	BUS-115-AS01	Intro to Business	3	✓			123	30
REG/ ADD									
					Totals				

	Synonym No.	Course Code	Course Title	Credit Hours	Comments
Drop					

➤ **Student's Signature:** _____ **Date:** _____

Payment Option

☐ Check ☐ Cash ☐ VISA ☐ Mastercard ☐ American Express ☐ Other _____

Credit Card No. _____ Exp. Date _____

Name as it appears on credit card: _____

Office Use Only

Received by _____ Date _____

Processed by (if different from above) _____ Date _____

Special Authorization Signature _____ Date _____

Special Authorization Signature _____ Date _____

Colorado Mountain College

TRANSCRIPT REQUEST FORM

STUDENT INFORMATION
Complete ALL Sections
Please Print

_____
Name (Last)   (First)   (I)

_____
Address

_____
City   State   Zip

_____
Daytime Phone Number

_____
Social Security Number

_____
Date of Birth

_____
Other Names used at CMC

_____
Year(s) Attended (ie: 1992-94)

_____
Campus Location(s)/Site(s)

SEND TRANSCRIPT (CHECK ONE)

○ Option 1: Now

○ Option 2: After all current term's
grades are recorded

○ Option 3: After graduation
statement is recorded

○ Option 4: After grades for specific
class(es) are recorded (please list)

_____
_____
_____

___ Number of Copies to be Sent

Federal Law requires that the student provide a reason
for release of this confidential information. (CHECK ONE)
○ personal   ○ transfer
○ employment   ○ other _____

PLEASE NOTE!

Transcripts will not be issued if you have an outstanding financial obligation to
CMC. All official transcripts are issued from the Central Records Office.

Transcript requests MUST bear the student's original signature.

Complete a separate request for each recipient.

Students may request that transcripts be sent to themselves. These
transcripts will be stamped "Issued to Student" and may not be
accepted as valid by other schools or agencies.

Grades are recorded on the transcript shortly after the completion
of the course. You can select to have your transcript sent at the
end of the term (Option 2) or after the recording of a specific
course(s) (Option 4).

FAX SIGNED FORM TO:
Colorado Mountain College Transcript Department
(970)-947-8387

MAIL SIGNED FORM TO:
Colorado Mountain College
Transcript Department
PO Box 10001T
Glenwood Springs, CO 81602

Call us at 800-621-8559.

DON'T FORGET →

_____
Student's Signature   Date
Due to the Family Rights and Privacy Act of 1974, student
signature is required for the release of transcripts.

OFFICE USE ONLY

Financial Clearance	Transcript Issued	Charges
Yes ___ No ___	Date _____ Staff _____	Amt. Pd. _____ Billed _____

Send Transcript To:
This form will be used in a window envelope.
APPLICANT RESPONSIBLE FOR COMPLETE ADDRESS.

_____
Institution

_____
Attn: Office or Individual

_____
Address

_____
City   State   Zip