Colorado Northwestern

COURSE CATALOG

Colorado Northwestern Community College

2024-2025

Colorado Northwestern Community College

2024-2025

Contents

Vision, Mission, and Values

Our Mission

The mission of Colorado Northwestern Community College is to enhance people's lives by providing an accessible, affordable, quality education.

Our Vision

Colorado Northwestern Community College will be the college of choice for students seeking a unique education grounded in the Colorado experience.

Value Statement & Core Values

Innovative teaching, outreach education, and continual assessment will ensure that our students have the skills to further their education, succeed at meaningful careers, and prosper in a complex and increasingly diverse world.

• Achievement: Provide holistic and broadly-based student support to prepare our students to achieve their educational, professional, and personal goals.

• Life-long Learning: Offer educational programs that encourage continued education as well as respond to evolving workforce environments.

• Equity and Inclusion: Promote a culture of equity and foster a safe, positive environment of inclusion for all students, employees and stakeholders.

• Innovation: Utilize innovation to provide unique learning, leadership, and recreational experiences in the diverse natural environments of Northwest Colorado.

• Community Involvement and Development: Create and nurture meaningful and mutually beneficial partnerships with the Northwest Colorado community and beyond.

Accreditation

Colorado Northwestern Community College is regionally accredited by the Higher Learning Commission www.hlcommission.org or 1-800-621-7440. The Dental Hygiene program is accredited by the Commission on Dental Accreditation, a specialized accrediting body recognized by the Council on Postsecondary Accreditation and the United States Department of Education. Aviation programs are certified and supervised by the Federal Aviation Administration. Nursing is fully approved by the Colorado Board of Nursing and is newly accredited by the Accreditation Commission for Education in Nursing (ACEN). The Seasonal Law Enforcement Training Program (Park Ranger Academy) is Federal Law Enforcement Training Accredited (FLETA).

Colorado Northwestern Community College

ACADEMIC CALENDAR 2024-2025

All dates and times are subject to change. Please contact CNCC's Registration Office for current academic calendar.

SUMMER TERMS 2024

May 28, Tuesday ..... **Classes Begin**

-Check the course schedule on CNCC.edu for *EXACT* program state and end dates-

May 27, Monday ..... Memorial Day – No Class, College Closed
June 6, Thursday ..... **Last Day to Drop Semester - Length Class**
June 19, Wednesday ..... Juneteenth – No Class, College Closed
July 4, Thursday ..... Independence Day – No Class, College Closed
July 23, Tuesday ..... **Last day to Withdraw from Semester-Length Class**
August 5, Monday ..... **Classes End**

FALL SEMESTER 2024

August 12, Monday ..... Faculty Return
August 12, Monday ..... NPS Program Start Date
August 13, Tuesday ..... All Campus Convocation
August 15, Thursday ..... New Students Arrive - Rangely Campus
August 15-17, Thursday-Saturday ..... Mandatory New Student Orientation - Rangely Campus
August 16, Friday ..... New Student Testing & Advising - Rangely Campus
August 17, Saturday ..... Mandatory New Student Orientation - Craig Campus
August 17, Saturday ..... Returning Students Arrive
August 19, Monday ..... **Classes Begin**
August 21, Wednesday ..... Last Day to Register for Semester-Length Class
September 2, Monday ..... Labor Day – No Class, College Closed
September 4, Wednesday, ... **Last Day to Drop Semester-Length Class**
October 7-11, Monday-Friday ..... Mid-terms
October 28, Monday ..... Spring Preregistration Begins
November 14, Thursday ..... **Last day to Withdraw from Semester-Length Class**
November 21, Thursday ..... NPS Program End Date
November 22, Friday ..... NPS Academy Graduation
November 25-29, Monday-Friday ..... Fall Break for Faculty/Students

- Residence halls closed, college administrative offices open -

November 28, Thursday ..... Thanksgiving Day – College Closed
December 9-11, Monday-Wednesday ..... **Finals**
December 11, Wednesday ..... **Classes End**
December 14, Thursday ..... Residence Halls Close at 1:00 pm
December 13, Friday ..... Grades Due by 12:00 pm
December 25-January 1 ..... College Closed

SPRING SEMESTER 2025

January 2, Thursday ..... Staff Return
January 16, Thursday ..... Faculty Return; All students Arrive - Rangely Campus
January 16, Thursday ..... Craig Campus Convocation
January 17, Friday ..... Rangely Campus Convocation
January 18, Saturday ..... New Students Arrive - Rangely Campus
January 20, Monday ..... New Student Advising/Registration
January 21, Tuesday ..... NPS Program Start Date
January 21, Tuesday ..... **Classes Begin**
January 23, Thursday ..... Last Day to Register for Semester - Length Class
February 5, Wednesday ..... **Last Day to Drop Semester - Length Class**
March 10-14, Monday-Friday ..... Mid-terms
March 10, Monday ..... Summer & Fall Preregistration Begins
March 17-21, Monday-Friday ..... Spring Break for Faculty/Students

- Residence halls closed, college administrative offices open

April TBD ..... Honors Banquet - Craig Campus at TBD
April TBD ..... Honors Banquet - Rangely Campus at TBD
April 17, Thursday ..... **Last Day to Withdraw from Semester-Length Class**
May 12-14, Monday-Wednesday ..... **Finals**
May 14, Wednesday ..... **Classes End**
May 15, Thursday ..... NPS Program End date
May 16, Friday ..... NPS Academy Graduation
May 16, Friday ..... Grades Due by 12:00 pm
May 16, Friday ..... Aviation Technology Wings Ceremony - Rangely Campus at 7:00 pm
May 16, Friday ..... Nursing Pinning Ceremony - Craig Campus at 6:00 pm
May 16, Friday ..... Residence Halls Close at 1:00 pm (unless graduating)
May 17, Saturday ..... Dental Hygiene Pinning Ceremony - Rangely High School at 9:00 am
May 17, Saturday ..... Faculty/Staff Awards Luncheon at 11:30 am
May 17, Saturday ..... Commencement - Rangely Campus at 2:00 pm

www.cncc.edu | 800.562.1105

Colorado Northwestern Community College

ACADEMIC CALENDAR 2025-2026

All dates and times are subject to change. Please contact CNCC's Registration Office for current academic calendar.

SUMMER TERMS 2025

May 27, Tuesday ..... **Classes Begin**

-Check the course schedule on CNCC.edu for *EXACT* program state and end dates-

May 26, Monday ..... Memorial Day – No Class, College Closed
June 5, Thursday ..... **Last Day to Drop Semester - Length Class**
June 19, Thursday ..... Juneteenth – No Class, College Closed
July 4, Friday ..... Independence Day – No Class, College Closed
July 22, Tuesday ..... **Last day to Withdraw from Semester-Length Class**
August 4, Monday ..... **Classes End**

FALL SEMESTER 2025

August 11, Monday ..... Faculty Return
August 11, Monday ..... NPS Program Start Date
August 12, Tuesday ..... All Campus Convocation
August 14, Thursday ..... New Students Arrive - Rangely Campus
August 13-15, Thursday-Saturday ..... Mandatory New Student Orientation - Rangely Campus
August 15, Friday ..... New Student Testing & Advising - Rangely Campus
August 16, Saturday ..... Mandatory New Student Orientation - Craig Campus
August 16, Saturday ..... Returning Students Arrive
August 18, Monday ..... **Classes Begin**
August 20, Wednesday ..... Last Day to Register for Semester-Length Class
September 1, Monday ..... Labor Day – No Class, College Closed
September 3, Wednesday, ... **Last Day to Drop Semester-Length Class**
October 6-10, Monday-Friday ..... Mid-terms
October 27, Monday ..... Spring Preregistration Begins
November 13, Thursday ..... **Last day to Withdraw from Semester-Length Class**
November 24-28, Monday-Friday ..... Fall Break for Faculty/Students

- Residence halls closed, college administrative offices open -

November 27, Thursday ..... Thanksgiving Day – College Closed
December 4, Thursday ..... NPS Program End Date
December 5, Friday ..... NPS Academy Graduation
December 8-10, Monday-Wednesday ..... **Finals**
December 10, Wednesday ..... **Classes End**
December 11, Thursday ..... Residence Halls Close at 1:00 pm
December 12, Friday ..... Grades Due by 12:00 pm
December 25-January 1 ..... College Closed

SPRING SEMESTER 2026

January 2, Tuesday ..... Staff Return
January 15, Thursday ..... Faculty Return; All students Arrive - Rangely Campus
January 17, Saturday ..... New Students Arrive - Rangely Campus
January 19, Monday ..... New Student Advising/Registration
January 20, Tuesday ..... NPS Program Start Date
January 20, Tuesday ..... **Classes Begin**
January 22, Thursday ..... Last Day to Register for Semester - Length Class
February 4, Wednesday ..... **Last Day to Drop Semester - Length Class**
March 9-13, Monday-Friday ..... Mid-terms
March 9, Monday ..... Summer & Fall Preregistration Begins
March 16-20, Monday-Friday ..... Spring Break for Faculty/Students

- Residence halls closed, college administrative offices open

April TBD ..... Honors Banquet - Craig Campus at TBD
April TBD ..... Honors Banquet - Rangely Campus at TBD
April 16, Thursday ..... **Last Day to Withdraw from Semester-Length Class**
May 11-13, Monday-Wednesday ..... **Finals**
May 13, Wednesday ..... **Classes End**
May 14, Thursday ..... NPS Program End date
May 15, Friday ..... NPS Academy Graduation
May 15, Friday ..... Grades Due by 12:00 pm
May 15, Friday ..... Aviation Technology Wings Ceremony - Rangely Campus at 7:00 pm
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May 15, Friday ..... Residence Halls Close at 1:00 pm (unless graduating)
May 16, Saturday ..... Dental Hygiene Pinning Ceremony - Rangely High School at 9:00 am
May 16, Saturday ..... Faculty/Staff Awards Luncheon at 11:30 am
May 16, Saturday ..... Commencement - Rangely Campus at 2:00 pm

General Information

History of the College

CNCC is a publicly supported two-year institution that was established in 1960. The main campus in Rangely was opened in 1962 as Rangely College to a freshman class composed of 82 students. Originally, the College was a branch of Mesa College in Grand Junction, Colorado, but the two were separated in 1970. In July of 1974, Rangely College officially became Colorado Northwestern Community College. It was deemed relevant to change the name since the College was serving many communities by that time. CNCC operated as an independent college under the governance of an elected Rangely Junior College District Board of Trustees, financed by legislative appropriation and district tax levy.

State legislation was subsequently approved whereby affiliated junior college districts could be created. In September 1989, a vote by the electorate in Moffat County created an affiliated junior college district, and activities as a CNCC branch campus began in Craig, Colorado beginning on January 1, 1990. A locally elected five-member Board of Control directed the development of the campus. A local tax provided the funds to expand course offerings in transfer, general education, and occupational programs.

On November 3,1998, the electorate of both the Rangely Junior College District and the Moffat County Affiliated Junior College District voted to allow CNCC to the join the Colorado Community College System (CCCS). The College became a member of the State Community College System on July 1,1999.

To accomplish the College's Mission to serve the Northwestern portion of Colorado, CNCC serves over 12 local high schools through concurrent enrollment in addition to its operations at the Rangely and Craig campuses.

Rangely Campus

The main administrative offices for CNCC are located on the Rangely Campus. The Town of Rangely is a small, rural community of approximately 2,300 people, located 90 miles north of Grand Junction and 50 miles east of Vernal, Utah. The local economic base comes from oil, coal, natural gas, and ranching along the White River. One of the interesting features for which this area is known is ancient American Fremont and Ute Indian pictographs (paintings on rock surfaces) and petroglyphs (carvings). The terrain is high desert with rolling hills and mesas covered with sagebrush, cedar, and piñon trees. One of the largest migrating deer herds in the nation is found between Rangely, Meeker, and Rifle. Antelope, elk, bear, and other wildlife are also abundant.

Rangely sits at 5,200 feet above sea level and is surrounded by some of the nation’s most valuable natural resources. Within a 140 mile radius, you can find the Colorado National Monument, the Canyon Lands of Utah, the Flat Tops, the High Uintah Wilderness area, Flaming Gorge, and Dinosaur National Monument.

Rangely maintains a public park with picnic areas, playground equipment, and baseball and softball facilities. A community recreation center includes an indoor swimming pool, hot tub, handball/racquetball courts, sun deck, and weight room. Cedar Ridges Golf Course provides a challenging nine holes of golf. Taylor Draw and Kenney Reservoir are nearby and provide opportunities for fishing and boating. The Rangely Community Health and Wellness Center provides excellent medical services to the community and the College with weekly on-campus clinic hours.

The CNCC Rangely Campus encompasses an area of 150 acres. The architecture, a blend of native stone and timber, is designed to reflect and complement the rugged beauty of the area. Seventeen buildings are located on campus, with a total square footage exceeding 300,000 square feet. There are three on-campus residence halls.

Craig Campus

Craig, a community of 10,000 people, is located just 42 miles west of Steamboat Springs and 90 miles north of Rifle off I-70. The area boasts beautiful, deep river canyons, sandstone buttes with petroglyphs, large alpine forest, rolling high plains, and mountains. The area is a haven for hunters, fishermen, backpackers, mountain bikers, rafters, skiers, and golfers. Craig's economy is interdependent on ranching, farming, energy extraction, and tourism.

The Craig Campus is located at 2801 W 9th Street. Built in 2011, the site features the 70,000 square foot Academic Building and houses administrative offices, labs, classrooms, the Adult Learning Assistance Program, the Nursing Program, student study area/Library, as well as the arts and ceramics studios. The second building is the Career and Technical Building which is 14,000 square feet and houses classrooms for the Cosmetology Program and Salon, Mine Safety Training Center, and the Specialized Mine Training classrooms. The Automotive Technology Center is the third building located on the new site. This 4,000 square foot facility is dedicated specifically to the Automotive Technology Program where students learn hands on technical skills in a state-of-the art setting.

Disclosures

Board Policy (BP) 19-60 provides that individuals affiliated with CCCS shall not discriminate or harass on the basis of sex, gender, race, color, age, creed, national or ethnic origin, ancestry, physical or mental disability, familial status, veteran or military status, pregnancy status, religion, genetic information, gender identity, sexual orientation, gender expression, or gender identity, or any other protected class or category under applicable local, state or federal law (also known as "civil rights laws"), in connection with employment practices or educational programs and activities (including in admissions). BP 19-60 further provides that individuals affiliated with CCCS shall not retaliate against any person who opposes discrimination, harassment or retaliation, or participates in any complaint or investigation process.

Nothing in this Catalog is intended to create (nor shall be construed as creating) an expressed or implied contract. Colorado Northwestern Community College reserves the right to modify, change or withdraw without notice courses, curricula, policies, tuition, fees, or any other information contained in this catalog, as deemed appropriate, for the following reasons, including but not limited to:

1. A lack of funds to operate a program or course;
2. Unavailability of instructors;
3. A change in administrative policy;
4. A change in laws, rules, or regulations of the State of Colorado.

Annually, Colorado Northwestern Community College informs students of the Family Education Rights and Privacy Act of 1974 (FERPA), as amended. This Act, with which the institution intends to fully comply, was designed to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office concerning alleged failure by the institution to comply with the Act Additional information concerning FERPA is located in the Student Handbook or on CNCC's website at www.cncc.edu or on CNCC's Students Right to Know webpage. Questions concerning the Family Education Rights and Privacy Act may be referred to the Admissions and Records Office by emailing admissions@cncc.edu or other contact information on CNCC's Admissions Webpage.

Directory Information

The following items are designated as "directory information". Colleges may disclose any of this information without prior written consent, unless notified by the student in writing to the contrary by the first official class meeting date of each semester.

- student name
- major field of study

- dates of attendance
- degrees and awards received
- most recent educational institution attended
- enrollment status (i.e. full-time, three-quarter-time, half-time, less than half-time, withdrawn, graduated or deceased)
- participation in officially recognized activities and sports
- height, weight, and high school attended (only for students in officially recognized activities and sports).

Personal identifiers, such as the student's identification/social security number, cannot be designated as directory information. Additional information may be obtained through the Admissions and Records Office.

In accordance with the Equity in Athletics Disclosure Act, CNCC annually compiles and makes available to prospective students, their parents, high school counselors, or any other person who requests it information on participation, revenue generated, and expenditures for varsity athletics. This information can be reviewed at EADA website.

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 CNCC, may be obtained from the Rangely Police Department, 209 East Main, Rangely, CO, 81648, 970-675-8466, the Craig Police Department, 800 W 1st St #300, Craig, CO 81625, 970-824-8111, the Rio Blanco County Sheriff's Department, Meeker, CO, 81641, 970-878-9625, the Moffat County Sheriff's Department, Craig, CO 81625, 970-824-4495, or on the website: www.nationalsexoffenderregistry.com .

Notice of Non-Discrimination

Colorado Northwestern Community College prohibits all forms of discrimination and harassment including those that violate federal and state law, or the State Board for Community Colleges and Occupational Education Board Policies BP 19-60. The College does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, gender identity, or sexual orientation in its employment practices or educational programs and activities. Colorado Northwestern Community College will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs.

The college has designated Jennifer Rea as its Title IX Coordinator and as its Affirmative Action Officer/Equal Opportunity Coordinator with the responsibility to coordinate its civil rights compliance activities and grievance procedures. For information contact:

TITLE IX COORDINATOR
Jennifer Rea
500 Kennedy Drive.
Rangely, CO
970-675-3229
jennifer.rea@cncc.edu

DEPUTY EO COORDINATOR
Angela Miller
Director of Human Resources
500 Kennedy Drive
Rangely, CO 81648
970-675-3235
angela.miller@cncc.edu

You may also contact the Office for Civil Rights, U.S. Department of Education, Region VIII, Federal Office Building, 1244 North Speer Boulevard, Suite 310, Denver, CO 80204, 303-844-3417.

Career and Technical Education (CTE) – Notice of Non-Discrimination

Colorado Northwestern Community College prohibits all forms of discrimination and harassment including those that violate federal and state law, or the State Board for Community Colleges and Occupational Education Board Policies BP 19-60. The College does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, genetic information, gender identity, or sexual orientation in its employment practices or

educational programs and activities. Colorado Northwestern Community College will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs.. The College will take appropriate steps to ensure that the lack of English language skills will not be a barrier to admission and participation in vocational education programs. Additionally, CTE opportunities at the College will be offered without regard to sex, race, color, national origin, and disability.

CNCC offers a wide variety of CTE programs varying from Dental Hygiene, Nursing, Cosmetology, Auto Technology, Aviation Maintenance, and Aviation Technology to name a few. Individuals interested in applying for a CTE program can apply for admission at https://www.cncc.edu/apply-to-cncc Note that some CTE programs have specific admissions criteria, in addition to the College's general admissions criteria. For all full list of CTE programs and admissions criteria, visit https://www.cncc.edu/degrees-programs#

The college has designated Jennifer Rea and Zachary Stevenson with the responsibility to coordinate the college's civil rights compliance activities and grievance procedures under Title IX of the Education Amendments of 1972, and Brett Caskey under Titles VI and VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, and Title II of the Americans with Disabilities Act.

If you have any questions, please contact Jennifer Rea at 500 Kennedy Drive, Rangely, CO 81648, 970-675-3229 or by email at jennifer.rea@cncc.edu, Zachary Stevenson at 500 Kennedy Drive, Rangely, CO 81648, 970-675-3312or by email at zachary.stevenson@cncc.edu.

Graduation Rates

The graduation rate for first-time, full-time degree/certificate-seeking freshmen entering CNCC is 26% within 150% of normal time to completion. 30% of first-time full-time degree/certificate-seeking freshmen transferred out without graduating from CNCC to continue their education. Additional student outcome data can be found at http://www.cncc.edu/home/institutional-effectiveness.

Admissions

Admission for Regular Students

Students who are high school graduates or who have earned a General Education Development Certificate (GED), or high school non-graduates age 17 and over may be granted regular admission into the College. This does not include automatic admission into college-level English and math courses or admission into a particular program due to enrollment limits, academic requirements, or selective admissions. To allow CNCC to set students up for success, all students are subject to mandatory assessment and placement policies. These assessments allow CNCC to gage the student's current ability levels and accurately place them in the correct classes

Please note that Aviation Flight Technology, Guaranteed Admissions into Dental Hygiene, Dental Hygiene, Guaranteed Admissions into Nursing, Nursing, and the Seasonal Park Ranger Academy programs have additional application requirements and deadlines for admission. Please see Supplemental Application Requirements.

Admission for High School Students

High school students may be admitted to CNCC through the Concurrent Enrollment (CE) program. In this program governed by State Legislation, students enrolled in these courses can earn college credit as well as high school credit. Students can significantly reduce their college expenses, increase the likelihood

that they will complete a college degree or certificate, and earn marketable workforce skills by successfully completing concurrent enrollment courses.

Students enrolled in grades 9-12 can take CE courses, as allowed by individual high school policies.

In order to register for CE courses, students must complete the following steps:

Step 1: Complete online application for admission to CNCC http://www.cncc.edu/apply/

Step 2: Meet with the high school counselor and CNCC CE specialist to determine what enrollment options are available, how to fit college courses into the student's high school academic plan, and whether you meet the entry requirements for the planned courses

Step 3: In lieu of the Accuplacer, the CNCC Concurrent Enrollment Department will use one or more of the following measures to determine placement.

a. Math classes up to MAT 1340: College Algebra and MAT 1260: Intro to Statistics
   a. An unweighted cumulative GPA of 3.0 or higher or a B or higher in Algebra ll, Geometry or Pre-Calculus
   b. PSAT/SAT score of <500 on the mathematics section
   c. Completion of the https://cncc.formstack.com/forms/placement.

b. English 1021: English Composition I and other composition-related classes such as Psychology, Humanities, History, etc.
   a. An unweighted cumulative GPA or 3.0 or higher or a B or higher in junior-year level English
   b. PSAT/SAT score of <470 on the writing/language section
   Completion of the https://cncc.formstack.com/forms/placement

Step 4: Complete the CE College Registration Form. This form is available from your high school counselor and should be returned to your high school counselor during the specified enrollment period each semester.

For more information about CNCC's Concurrent Enrollment program, please contact the Director of Concurrent Enrollment, Nicholas Cocozzella (970-824-0832 or nicholas.cocozzella@cncc.edu). .

Students under the age of 17 who are taking classes other than through the CE Program must be granted an Age Waiver approved by the Senior Vice President of Academic Affairs or by the President of the college before classes begin. Age Waiver forms may be obtained from the Admissions and Records office by emailing admisions@cncc.edu or other contact information on CNCC's Admissions Webpage.

Admission for Transfer Students

Transfer students seeking admission to CNCC are to follow the procedures outlined under Admissions Procedures with the following exceptions:

Students who have completed 12 hours of college-level work are not required to submit high school transcripts.

College transcripts will be evaluated prior to registration to ascertain acceptable credits that will apply to the student's program of study. Courses for which the student has earned a grade of "D", "F" or "U" will not be accepted for credit.
Students with a GPA below 1.5 may be admitted on academic probation.

In determining academic standing while attending CNCC, the GPA of a transfer student is computed on the basis of credits attempted at CNCC only and will not include credits and grade points earned at other colleges.

Transfer of credit for vocational courses is determined by the program director of the occupational program in which the student is seeking a degree.

Admission for International Students

Applicants who are residents of another country are admitted to Colorado Northwestern after the Admissions and Records Office has received and approved the following:

- General Application for Admission.
- Supplemental International Student Application.
- High School Transcripts, translated to English (see Admissions Procedure for details).
- College Transcripts, translated to English (see Admissions Procedure for details).
- Certificate of Health (see Admission Procedure for details).
- Test of English as a Foreign Language (TOEFL) or successful completion of an English as a Second Language program and a recommendation from an English Instructor. **NOTE:** This test is not required of students from countries where English is the native language. Students with TOEFL scores below 57 (Internet-based test) or below 500 on the paper/pencil exam may be denied admission.
- Certified financial statement outlining resources available and assuring support while the student is in the United States.
- Deposit of $500 prior to issuance of an I-20. The I-20 will be forwarded after the student is accepted and the $500 deposit is received.
- **PLEASE NOTE:** "The Internal Revenue Service of the United States Government defines income for international students as any scholarship or grant received in excess of Tuition, Books and Fees charged by your institution. You are required by law to file US Taxes for every year in attendance at College in the United States. Presently, taxes on scholarship/grant income in excess of Tuition, Books and Fees is 14%, but is subject to change due to IRS regulation."

Visit www.cncc.edu/international-students/ for more information.

Application Procedure for Degree-Seeking Students or Students Enrolling Full-Time

Applicants for a degree or certificate are required to submit the following to the Admissions and Records Office.

1. **Application for Undergraduate Admission -** An Application for Admission may be completed online at https://www.cncc.edu/apply-to-cncc.
2. **High School Transcripts** - Final high school transcripts are recommended of all applicants who have or will graduate from high school within the last five years. Applicants who have not graduated from high school are required to submit the results of the GED examination. Transcripts can be sent to admissions@cncc.edu .

3. **College Transcripts** - Applicants who have attended college elsewhere must submit a transcript of all college work from each college attended. College transcripts are to be sent directly by the issuing institution to the Admissions and Records Office. Transcripts can be sent by mail to CNCC, Admissions, 500 Kennedy Drive, Rangely, CO 81648 or email to admissions@cncc.edu.
    a. **Transcripts carried by the applicant must be in a sealed, stamped envelope from the issuing institution to be considered official**.

4. **Multiple Measure Assessment** - ACT, SAT, or ACCUPLACER examinations are not required for admission to CNCC, but *may be* used *for* determining placement in Math and English classes. CNCC can also use self-placement assessments, high school GPA, and previous college classes. Students who have taken any of the exams above within the last five years are encouraged to submit scores to the Admissions and Records Office..

5. **Certificate of Health** - Students entering Colorado Northwestern for the first time and participating in varsity athletics and/or one of the National Park Service academies are required to present a certificate of good health by a family physician. In addition, students entering the Aviation Technology Program are required to obtain a physical from an FAA-approved physician.

6. **Immunization Records** - Traditional aged students (under age 19 who have graduated from high school) or any student living in campus housing must show proof of immunization for measles, mumps and rubella (MMR) 1 and 2 and meningitis that has been administered in the last 5 years.. .

   A Nonmedical Exemption process for MMR vaccines will include one of two options that will expire on June 30th of each year.

   - Option #1. A "Certificate of Nonmedical Exemption" can be downloaded from CDPHE's Vaccine Exemption page. The document can be completed by the parent or student (18 years of age or older) and signed by a Colorado immunizing health care provider. This signed document is then submitted to the Admissions and Records office.

   - Option #2.The Online Immunization Education Module, accessed on the Vaccine Exemption page, is to be reviewed. When the viewing is completed the parent (or student 18 years of age or older) will enter into a fillable document which, when printed, will produce a Certificate of Nonmedical Exemption. The Certificate will populate the name, date and time that this process was completed and will not require a signature from an immunizing health care provider. This Certificate will be submitted to the Admissions and Records office and, like option #1 will meet the exemption requirement.

   In the event of an outbreak, these individuals will be denied access to the campus and can be quarantined. Students who are not vaccinated must review the information on meningococcal disease and sign a statement that they have decided not to obtain a vaccination against meningococcal disease. Students living in the residence halls must comply with this policy prior to occupancy. Failure to comply with this policy will result in withholding registration after the first semester of attendance until acceptable proof is obtained. *Dental Hygiene and Nursing students must meet additional immunization requirements. Contact the appropriate program for further information.*

In accordance with Board Policy BP 4-10, the college reserves the right to review and revoke the enrollment of any individual whose personal history and background indicates that their presence at the college would endanger the health, safety, welfare, or property of the college community or interfere with the orderly and effective performance of the college's functions; and/or any individual who has misrepresented their credentials or background. The policy is online at .
https://cccs.edu/about/governance/policies-procedures/bp-4-10-admission-continued-enrollment-and-re-enrollment-of-students/
Students who have a break in enrollment of three or more semesters will be required to complete a new application for admission. Additionally students will be subject to the graduation requirements outlined in the College Catalog at the time of re-admittance.

Mandatory Assessment

Students enrolling for the first time at CNCC and seeking a degree or certificate are required by the Colorado Community College System to complete one or more assessments of their readiness for college-level coursework. Results of the assessment are used in developing a plan for academic success at the College and for initial course selection.

The following students are exempt from the requirement of assessment:

- Students who have earned a Bachelor's or Associate's degree.

- Students who have successfully completed basic skills instruction in mathematics, writing, or reading are exempt from the requirement for assessment **in that subject area only.**
- Students who have successfully completed a college-level course in English are exempt from the requirement for assessment in English and reading. Students who have successfully completed a college-level course in mathematics may be exempt from the requirement for assessment in mathematics. Contact the Registrar for clarification.
- Students who have taken the ACT and/or SAT tests within the five years prior to enrollment are exempt from assessment in that subject area only if their scores show college-readiness.
- Students who have scored at least a 165 on the GED, signifying readiness to enter credit-bearing college courses.
- Students who have taken the ACCUPLACER college placement exams within five years prior to enrollment are exempt from assessment in that subject area only.
- Students who have taken other standardized placement exams please consult the Advising (advising@cncc.edu).
- High school graduates who have completed Algebra II, Geometry or Pre-Calculus in high school within 18 months prior to enrollment with at least a B grade in that class and have a 3.0 unweighted cumulative GPA are exempt from assessment in math.
- High school graduates who have completed a Junior year English Class in high school within two years prior to enrollment with at least a B grade in that class and have a 3.0 unweighted cumulative GPA are exempt from assessment in English.
- Students who are enrolled in a certificate program that does not require college-level English or math courses, though testing may still be recommended.
- Students who have completed the guided self-assessment during the application process and met the required placement indicators after evaluation by CNCC staff.

Non high-school graduates who are seeking to enroll in a Guaranteed Transfer or generally transferable course must meet **one** of following testing requirements or prerequisites required for that subject area in addition to any course specific prerequisites:

CNCC PLACEMENT CUT SCORES

ASSESSMENT	ENGLISH 1021	MATH 1120, 1140, 1150, 1240, 1260, 1220, 1230	MATH 1340, 1320
ACT	English --18	Math--19	Math--23
SAT--NEW since March 2016	Evidence based reading and writing--470	Math--500	Math--500
Accuplacer Classic Scores	Reading Comprehension--80 **or** Sentence Skills--95	Elementary Algebra---61	Elementary Algebra-- 85
Accuplacer Next Generation Scores	**Writing** (NGWR)--246	MAT **1120, 1140, 1150 Arithmetic** (NGAR) 265 or MAT **1240, 1260, 1220, 1230 QAS** (NGQA)-- 250	**Advanced Algebra and Functions** (NGAF)--245

Students may appeal their course placement by following the Academic Appeal Process.

Placement

If a student's performance on a college placement exam indicates that the student needs basic skills instruction in reading, English and/or mathematics, the student is strongly encouraged to enroll in appropriate basic skills courses. Students should discuss placement scores and appropriate college-level preparation courses with an Advising and Retention Specialist (advising@cncc.edu) .

CNCC offers the following basic skills courses in English, mathematics, and reading:

ENG 0090	Reading & Composition Lecture
MAT 0250	Quantitative Literacy
MAT 0300	Algebraic Literacy

Basic skills courses and/or guided experiences are also offered online through the Colorado Community College Online Consortium (www.ccconline.org) and at these other Colorado colleges:

Arapahoe Community College
Adams State College
Aims Community College
Colorado Mesa University (Mesa State)
Colorado Mountain College
Community College of Aurora
Community College of Denver
Front Range Community College
Lamar Community College
Morgan Community College
Northeastern Junior College
Otero College
Pikes Peak Community College
Pueblo Community College
Red Rocks Community College
Trinidad State College

Basic skills courses are designed to help students develop the skills to be successful in college-level courses. **HOWEVER, they do not count toward graduation and they will not transfer to a four-year institution.**

Supplemental Application Requirements

Admission to the Aviation Technology Program

In addition to the steps outlined under Admissions Procedures, students wishing to reserve a position in the Aviation Program should submit a $500 deposit to the CNCC Cashier for a Flight Account by June 1. If your plans change and you do not wish to attend CNCC, this deposit is refundable until August 1. After August 1, $350 of the deposit is refundable. After the start of classes, the deposit is no longer refundable.

Prior to the start of fall semester, all flight students will need to submit a copy of their birth certificate. **Additionally, all flight students are to have in their personal possession a Medical Certificate/Student Pilot Certificate.** This is accomplished by scheduling a physical exam, which must be performed by an FAA-designated Aviation Medical Examiner. There are three classes of medical certificates: first, second, and third. A third class certificate will qualify flight students for all flight training, and it is the minimum level of flight certificate. It is recommended, however, that flight students receive at least a second class **certificate**, as this is the minimum level needed to fly for hire. The ***first class is the level required to fly for the airlines*, and it is advised that students receive this level of certificate to avoid surprises later.** After you receive your Medical Certificate/Student Pilot Certificate, keep it in your personal possession, just like your Driver's License. **DO NOT mail it to CNCC**. If help is needed finding a qualified doctor to give these medical exams, a searchable list, by state and city, is also available on the web at https://www.faa.gov/pilots/amelocator/

Additional Aviation Program Information
Required Equipment for Aviation Technology Program

- iPad
- Noise cancelling pilot headphones
- Compliance with the Aviation Safety Procedures and Practices Handbook.

Admission to the Dental Hygiene Program

The Dental Hygiene Program at CNCC is fully accredited by the Commission on Dental Accreditation (CODA). 211 East Chicago Avenue, Chicago Illinois, 60611. Phone: (800) 621-8099 or (312) 440-4653. website: https://www.ada.org/en/coda

CNCC has two routes by which students are accepted into the Dental Hygiene Program:

- Guaranteed Admission Program (GA) – students must take all science courses at a CNCC campus and may transfer in up to 9 credits of general education coursework if on the one year guaranteed admission plan and up to 15 credits of general education coursework if on the two year guaranteed admission plan. More information can be found at. https://www.cncc.edu/dental-hygiene-guaranteed-admissions ***Application Deadline: March 15th. Deposit Deadline: April 15th.***
- Competitive Entry Process (CE) – students who complete their course work at another college are ranked based on three criteria: course work (completion, grades, minimum GPA), dental experience, and references. ***Application Deadline: February 1st. Deposit Deadline: April 1st .***

Competitive Entry
Application to CNCC is the initial step for entrance into the Dental Hygiene program. Dental Hygiene currently admits 24 students per year and receives more applicants than can be accepted. Applications must be received in the Dental Hygiene office by February 1st, and an on-campus visit is encouraged as part of the application process. A complete application includes all materials listed under the Admissions Procedures. The following are requirements for application and are used in the evaluation process:

- General Application for Admission to CNCC
- Letter of Self-Recommendation
- Reference Form (references must be made on the CNCC Reference Form)
- Official Transcripts of all colleges attended sent to the Registrar's Office (exception: CNCC students may submit unofficial transcripts to the Dental Hygiene program).

Failure to submit all required materials by the deadline will negate the application process. It is the applicant's responsibility to verify that all materials have been forwarded to the Dental Hygiene program.

Prerequisites to be considered for the Dental Hygiene Program

Applicants must earn a minimum GPA of 2.8 and grades of "C" or better on all prerequisite courses and general education courses that apply to the Dental Hygiene Associate of Applied Science degree (it is not a requirement that prerequisite and general education courses be taken at CNCC). **The science courses must be completed within seven years of admission to the Dental Hygiene Program. The following courses must be in progress as of February 1st and completed prior to June 1st :**

- BIO 2101 & 2102 - Human Anatomy and Physiology I and II
- BIO 2104 - Microbiology
- CHE 1012 - Introduction to Chemistry II, or CHE 1009 – General, Organic, & Biochemistry,
- ENG 1021 - English Composition I

The following courses are not required to be completed prior to admittance to the Dental Hygiene program, but are considered in the application process.

- SOC 1001 – Introduction to Sociology
- PSY 1001 – Introduction to Psychology
- COM 1150 – Public Speaking
- HWE 1050 – Human Nutrition

If selected, conditional applicants must submit final official transcripts for all required courses to the Registrar's Office by June 1st.

NOTE: The course numbers listed above are course numbers at CNCC. For equivalent courses at other colleges/universities, or if you have questions concerning any of the above requirements, contact the Admissions and Records Office. For equivalent courses at other colleges/universities, contact the Admissions and Records Office at CNCC or visit https://www.cncc.edu/dh-transfer-equivalencies. Complete application instructions and all application materials can be found at https://www.cncc.edu/apply-to-dental-hygiene.

Criminal Background Check
NOTE: All students must submit to a criminal background check prior to full admission into the dental hygiene program. The background check is conducted at the student's expense. Failure to meet criteria for a background check will prevent admission into the program. **Disclaimer:** When applying for dental hygiene licensure through the Colorado Board of Dental Examiners, questions concerning felony history, excessive use of controlled substances and alcohol along with any physical or mental conditions that may affect the ability to practice dental hygiene is questioned. CNCC assumes no responsibility for denial of licensure by the Colorado State Board of Dental Examiners.

Additional Dental Hygiene Program Information
- Compliance with the CNCC DH Program Manual.
- CPR certification completed by first semester of Dental Hygiene Program.

Students are required to purchase the following:
**All dollar amounts are approximate and before tax*
Instrument Kit - $3,700.00
Uniforms - $300.00
Licensure exams - $2,150.00
Loupes (not required) - $1,400.00
Laptop (suggested) - $500.00

Bachelor of Applied Science – Dental Hygiene (BAS-DH)
Application to CNCC BAS-DH is the initial step for entrance into the BAS-DH program. This program is 100% online, broken up into 8 week accelerated paths, and can be completed from anywhere. BAS-DH currently admits 15-20 students per year and receives more applicants than can be accepted. Applications and all other materials must be received by the BAS-DH Lead Faculty by August 1st. A complete application includes all of the following items:

- General Application for Admission to CNCC
- Official Transcripts of all colleges attended sent to the Registrar's, especially from a CODA Accredited Dental Hygiene Program (exception: former graduated CNCC students do not need to submit official transcripts)

The BAS-DH program will bring in a maximum of 91 credits to go towards the 120 credits required to be issued a bachelor's degree. Should a student come from a program other than CNCC and has less than a 91 credit AAS DH degree and/or does not have additional credit that can be used, students will be expected to complete additional general education requirements to meet the 91 credit requirement prior to the BAS-DH credits. A total of 29 credits of upper level (3000 and 4000) courses are required to complete the BAS-DH.

Failure to submit all required materials by the deadline will negate the application process. It is the applicant's responsibility to verify that all materials have been forwarded to the BAS-DH Lead Instructor.

Admission to the Nursing Program

The Nursing program is designed to prepare CNCC graduates for employment as registered nurses. The beginning professional nurse will have developed entry-level skills for employment in hospitals and other health care settings. Clinical nursing courses include supervised patient care experiences at a variety of health care agencies. For information about the nursing program go to https://www.cncc.edu/degrees/craig/nursing. If you have additional questions call 970-824-0833 or email

noreen.beckett@cncc.edu . Interested students are strongly encouraged to set up an appointment for individualized advising and program planning.

The Nursing program is accredited by the Accreditation Commission for Education in Nursing (ACEN). The contact information for ACEN is: 3343 Peachtree Road NE, Suite 850 Atlanta, Georgia 30326, 404-975-5000 www.acenursing.org .

The Nursing program is approved by the Colorado State Board of Nursing (CSBON) located at 1560 Broadway, Suite 1350, Denver, CO 80202, 303-894-2430, www.dora.state.co.us/nursing

The Nursing program is also approved by the State Board of Colorado Community College Occupational and Education Programs.

Upon successful completion of program requirements, the graduate is eligible to take the NCLEX-RN (National Council of Licensure Examination - Registered Nursing). The website for information on the exam is http://www.ncsbn.org

Nursing Admission Requirements

Admission requirements are briefly noted below - for detailed information and pertinent dates go to https://www.cncc.edu/degrees/craig/nursing.

Enrollment in the Nursing program is limited to 28 students per admission cycle. The Nursing program admits students once per year in the fall semester.

CNCC has two routes by which students are accepted into the Nursing program:

- Guaranteed Admission Program (GA) – Students submit a letter of intent by August 1st prior to completing the required pre-requisite courses specified in the GA at CNCC in addition to completing the TEAS exam. There is a one-year and two-year pathway to complete nursing pre-requisites prior to entry into the nursing program. For more detailed information, visit https://cncc.edu/nursing-guaranteed-admission
- Competitive Entry – Students complete the five required pre-requisites and are evaluated based on specific criteria described below. Students with the highest point values are accepted into the nursing program.

Competitive Entry scoring criteria include:

- Completion of at least 12 credits of the prerequisite courses with a Grade Point Average (GPA) of 2.8 or higher.
- Prerequisite coursework completed at CNCC
- Previous college degree
- Admission Test Score -Test of Essential Academic Skills (ATI - TEAS)

Required Prerequisite Courses

- ENG 1021: English composition I (3 credits)
- PSY 2440: Human Growth & Development (3 credits)
- BIO 2101: Human Anatomy & Physiology I (4 credits)
- BIO 2102: Human Anatomy & Physiology II (4 credits)
- BIO 2104: Microbiology (4 credits)

Complete required non-nursing courses before OR during nursing program:

- BIO 2116: Pathophysiology (4 credits) - *Must be completed prior to NUR 2006
- Nutrition - *Must be completed prior to NUR 1006
    - HPR 1010 (1 credit meets AAS-N requirements, not BSN)
    - HWE 1050 (3 credits transferrable to BSN)
- MAT 1120 Clinical Calculations (3 credits) *Must be completed prior to NUR1006
- Arts or Humanities (Elective 3 credits) – Choose ONE of the following -**AH1**: ART 1100,1111,1112,1113; MUS 1020, 1021,1022; THE 1005,2011,2012; **AH2:** HUM 1015,1021,1022,1023;LIT1015, 2001,2002,2005, 2011,2012,2021,2022,2025; **AH3:** PHI

1011,1012,1013,1014,2014, 2018; **AH4**: FRE/GER/ITA/JPN/RUS/SPA 2011,2012 **SS3**: ANT 1001, 1003, 2015; JOU 1005, 1006; PSY 1001, 1002, 2105, 2107, 2201, 2222, 2441, 2552; SOC 1001,2005, 2007, 2008, 2015, 2016, 2031, 2037

*It is recommended that science courses be completed within seven years of admission to the Nursing program.

Additional points can be earned for completion of a medical terminology course (HPR 1039), pathophysiology (BIO 2116), and nurse aide course. Scores are computed on a score sheet and the top 28 scores are conditionally accepted to the Nursing program each fall with final approval based on a background check, drug screening, and immunizations.

For more information about Admission and ATI - TEAS testing, contact the CNCC Nursing Program Director, Noreen Beckett. She can be reached at 970-8241116 or at noreen.beckett@cncc.edu.

Additional Nursing Program Information

- Complete Personal Information Sheet
- Background check and drug screen completed following conditional acceptance.

Nurse Aide Certification

The Nursing program at CNCC also offers a nurse aide course that prepares students for the certification exam to become a Certified Nurse Aide (CNA). This 4 credit hour course also requires students to enroll in the 1 credit hour clinical component that requires students to participate in 24 hours of clinical preparation.

For more information please visit https://www.cncc.edu/cna. You may also schedule an advising meeting with Noreen Beckett to complete the application procedures or call 970-824-1116 or noreen.beckett@cncc.edu.

Additional Nurse Aide Program Information

- Complete a CPR class. It must be an American Heart Association Basic Life Support (BLS) for the Health Care Provider course.
- Attend a course orientation session to be announced typically 1-2 weeks prior to the start of class.
- Additional Requirements: The following are required for participation in clinical, certification, and future employment:
    - Criminal Background Check: The State of Colorado requires that everyone who wants to be a nurse aide must have a criminal background check (CBC). Please review the list of Disqualifying Offenses.
    - Proof of Immunizations: These can be obtained from your private health care provider or your local public health office. Contact the Northwest Colorado Visiting Nurse Association for an appointment at 970-824-8233 or 970-879-1632.
        - Measles, Mumps and Rubella: You must have proof of immunity, vaccination (2 doses);
        - Tetanus (TD or Tetanus-Diphtheria): You must have a vaccination within the past 10 years;
        - TB: A two-step TB screening will be completed/ documented prior to clinical/client contact;
        - Hepatitis B: This is highly recommended for health care workers and is a series of 3 shots;
        - Meningococcal vaccine or waiver
        - Other vaccinations required by clinical sites

- Dress Code: The student will be required to wear scrubs, appropriate footwear, a watch with a second hand, and a CNCC student name tag at all times while in a clinical facility. No jewelry will be permitted other than a wedding band. Long nails, excessive make-up, or perfume are not permitted.

Admission to Park Ranger Law Enforcement Academy

CNCC is one of six Park Ranger Law Enforcement Academies (PRLEA) in the nation that offers Season Park Ranger training approved by the National Park Service and the Federal Law Enforcement Training Center (FLETC). CNCC teaches two academies per year, one beginning in August and the second beginning in January. Space is limited to 24 students per academy.

In addition to completing the application for general admission to CNCC, academy applicants must complete a separate application process. The academy application process cannot be completed online. Please contact the NPS Academy Coordinator , Kathy Kottenstette (kathy.kottenstette@cncc.edu or 970-675-3337) for an application packet. Recruits are accepted on a conditional basis pending successful background check and drug test. Federal law requires students to be 21 years of age to be hired as a law enforcement officer. For more information please visit: https://cncc.edu/degrees/rangely/nps

The PRLEA separate application includes the following pieces of information to be filled out by the prospective student:

- Personal statement
- Physical by licensed MD
- Copy of Driver's License
- If a veteran: copy of DD214
- Brief employment history & experience
- Notarized Record Release form
- Notarized Open Record form
- Memorandum of Understanding for application and NPS Academy Trainee Standards Handbook.
- $500 deposit required
    - Refundable within 30 days prior to start of program as long as the student has not ordered uniforms and the background check has not been completed.

Additional Seasonal Park Ranger Academy Program Information

- Successful completion of course requires passing multiple written exams and multiple practical exercises.
- Compliance of NPS Academy Standards Handbook.

Additional Admission Requirements for Other Programs

Additional Early Childhood Program Information

- Background check during/prior to taking ECE 1011, ECE 1045, and ECE 1031.

Additional Aviation Maintenance Technology Program Information

Aviation Maintenance Technology Fee: $800 per year added in the Fall Semester.

- Purchase of tools by Spring semester of first year

Screwdrivers:

- #1 tip straight blade
- #2 tip straight blade
- #1 tip Phillips
- #2 tip Phillips
- Optional:
    - Offset ratcheting screwdriver with changeable tip
    - Ratcheting, reversible screwdriver

Wrenches:

- Combination wrenches set (open end-box end) (8): 3/8"to 7/8"
- Ignition wrench set: 1/4" through 7/16"

Socket Wrenches:

- 1/4" drive – 1/4" through 1/2"
- 1/4" drive ratchet
- 1/4" drive extension: 6"

- 3/8” drive sockets– 3/8” through 7/8”
- 3/8” drive deep well spark-plug socket 7/8”
- 3/8” drive ratchet
- 3/8” drive extensions: 3” and 6”
- Optional:
  - Full set of six-point sockets
  - Full set of twelve-point sockets
  - Full set of six-point deep-well sockets
  - 3/8” breaker bar

Pliers:

- Slip joint pliers
- Interlocking-joint pliers (plumbers pliers)
- Duckbill pliers
- Needle-nose pliers
- Optional:
  - Safety-wire pliers (6” or 9”)

Cutters:

- Diagonal cutters (dikes)
- Optional:
  - Aviation snips (left, right, & straight)

Scribes:

- Straight scribe
- 90° tip scribe

Punches:

- Center punch
- Pin punches: 1/16”, 3/32”, 1/8”, 5/32”, 3/16”
- Optional:
  - Brass punch – 3/8”

Hammers:

- 12 ounce ball peen hammer
- 12 ounce plastic-tip mallet

Files:

- Single-cut flat file
- Double-cut flat file
- Half-round file

Saws:

- 12” hacksaw

Inspection:

- Flashlight & batteries
- Inspection mirror
- Magnifying glass (4x to 10x)
- Safety glasses

- Hour attendance requirement
  - General – 400 hours
  - Airframe – 750 hours
  - Powerplant – 750 hours

Additional Cosmetology Program Information

The following kit is a requirement for the Cosmetology Program that students need to purchase after they enter the program.
**All dollar amounts are approximate and before taxes*.

- Cosmo Kit $1,660.00

The programs listed above may have additional requirements necessary to obtain the industry/regulatory certificate as found on the following websites, and students are encouraged to review those requirements prior to enrollment to ensure they understand the expectations of their certification and/or license.

• Aviation, FAA (Federal Aviation Administration) - https://www.faa.gov/
• Seasonal Park Ranger Academy, NPS (National Park Service) - https://www.nps.gov/aboutus/seasonal-law-enforcement-training-program.htm
• Aviation Maintenance, FAA (Federal Aviation Administration) - https://www.faa.gov/
• Cosmetology, DORA (Department of Regulatory Agencies) - https://www.colorado.gov/pacific/dora/Barber_Cosmetology_Laws
• Nurse Aid Training Program, DORA (Department of Regulatory Agencies) - https://www.colorado.gov/pacific/dora/Nursing_Laws

Course Enrollment Information

Registration

In order to become a student at CNCC, a student must apply for admission then register for classes using the online portals Navigate. All students are welcome to contact Advising at advising@cncc.edu or 970-675-3234 for assistance.

Drop for Non-Attendance

It is ultimately the student's responsibility to officially drop or withdraw from a course through the Admissions and Records Office prior to a required deadlines. Students that fail to attend a course prior to the census (drop date) may result in the student being dropped from that course for non-attendance. Being dropped for non-attendance does not imply a refund and can have significant negative consequences for students using financial aid and/or veterans benefits.

Attendance in an online or hybrid course is defined as accessing the course and completing at least one academic activity or attending a live session. What constitutes an academic activity may vary from course to course based on the uniqueness of each course.

Instructors will inform students in the class of their individual attendance policies. Students who miss too many class sessions may be advised to withdraw from a course.

Schedule Changes

Students are expected to arrange their academic schedule carefully and maintain this schedule throughout the semester. Necessary schedule changes may be initiated online through Navigate, or through the Admissions and Records Office (in the Johnson Building in Rangely or the Academic Building in Craig). Students who are not able to make a registration change online or come to one of the campuses, can call 1-800-562-1105 or email admissions@cncc.edu for assistance. Students are encouraged to consult with their advisor(s) and the appropriate instructor(s) prior to completing the schedule adjustment.

Add/Drop Classes

Students may add or drop courses from their schedules during the first fifteen percent of the course meetings. Dropped courses within this time period will not be reflected on a student's transcripts and 100-percent of the tuition is refunded.

Withdrawal from Classes

Students may withdraw from a course any time through eighty percent of the course without academic penalty, and the grade assigned will be "W." No refund is granted for classes from which a student withdraws.

Withdrawal from the College

Students who decide to leave CNCC at any point during the semester are strongly encouraged to formally withdraw by contacting the Admissions and Records Office. Staff members will provide the appropriate

withdrawal form or students can choose to access Navigate to withdraw. If the withdrawal from CNCC occurs before the census (drop) date, 100 percent of the tuition will be refunded, and there will be no academic penalty. Students who withdraw after the census date will be responsible for tuition. Room, Board and other associated fees may apply. The student will need to contact the business office at 970-675-3278 to determine what charges may be applied. Additionally, any financial aid accepted/received will be subject to the Return of Title IV Funds calculation.

Students who have made use of the various campus services or have been involved in athletics are encouraged to complete the Student Withdrawal & Clearance Form. This form is designed to make sure students contact all of the appropriate departments before leaving campus. Until the Registrar certifies the withdrawal to be complete, no refunds can be made.

The official transcript for a student who withdraws from the college after census date up through 80 percent of the semester will reflect a "W" in each course for that semester. A student who fails to withdraw from the College before the last day to withdraw will receive the grade earned for the semester. If extenuating circumstances exist, a student can file a Student Petition. If approved, the Senior Vice President of Academic Affairs may change the final grade(s) to “W”.

Degree Plan Changes

A student’s degree plan or major may be changed before the regular part of term census date to be effective for the current term by submitting the Change of Major Form to the Admissions and Records office. Any degree plan changes submitted after the census date will be processed to be effective for the following term. Exceptions will be allowed for any student graduating in the current term, in an undeclared program, or enrolling only in late-start courses.

Crossroads, Navigate, and Student Email

In accordance with State Board Policy BP 4-32 students will be issued CCCS student e-mail account and that account shall be the primary means of communication with students. This policy can be found online at https://cccs.edu/policies-and-procedures/board-policies/bp-4-32-student-electronic-communications/ .

Crossroads and Navigate are CNCC’s student portal systems. Crossroads and Navigate give you instant access to your classes, financial information, unofficial transcript, college email account, and other important documents. To log in, use the Student ID (also known as “S number”) and temporary password found in the acceptance email: Student plus birthdate “ **StudentMMDDYYYY”** (two digits for your birthday month, day, and four digits for the year) format. For assistance with password reset, contact Admissions and Records at 1-800-562-1105 ext. 0 during business hours and 1-888-800-9198 after hours.

Student Conduct

CNCC students do not gain or lose any of the rights and responsibilities of other citizens by virtue of their student status. The college recognizes the student as an adult pursuing an education. Just as a student does not lose citizenship rights upon enrolling at a college, the student also does not become immune to society’s obligations and laws or to responsibilities of daily living in a broader society. In general, behavioral norms expected of the college student are those of common decency and decorum, recognition of the non-infringement upon the rights and property of others and of the college, honesty in academic work and all other activities, and observance of local, state, and federal laws. When students enter college, they take upon themselves certain social responsibilities and obligations including satisfactory performance and social behavior consistent with the lawful purposes of the college. Student conduct, therefore, is not considered in isolation within the college community but as an integral part of the educational process. All students are expected to know and abide by this code of student conduct. Ignorance is not an excuse. As members of the college community, students are also subject to the rules and regulations of the college that are stipulated in the *Student Handbook (Code of Conduct and Disciplinary Proceedings)* and *College Catalog*. The Student Handbook can be found at https://cncc.edu/handbook The College Catalog can be found at https://cncc.edu/academics/course-catalogs

Disciplinary action may be taken for failure to comply with rules and regulations of the school and for uncooperative attitude toward the school's faculty, staff, or fellow students.

Student's Right to Know

As an institution of higher education that receives Title IV funds, CNCC provides the following information as a "Student's Right to Know." As a student at CNCC you have the right to be informed of basic consumer information such as: disclosures on equity in athletics, loan counseling, financial assistance, graduation, and transfer-out rates, alcohol and drug abuse prevention, misrepresentation, campus security, and the Family Educational Rights & Privacy Act (FERPA).

You may access these links from https://cncc.edu/campus-life/students-right-to-know

- **Non-Discrimination Statement/Title IX**
- **Student Outcome Data** ∗ (Click here for graduation and retention data)
  - **Institutional Effectiveness**
- **Academic Program Information**
- **Family Educational Rights & Privacy Act (FERPA)†**
- **Financial Assistance and Eligibility**
- **Costs of Attendance**
- **Services for Students with Disabilities**
- **Withdrawing from CNCC**
- **Federal Student Aid Return of FundsCampus Crime Statistics** and **Sex Offender Information**
- **Student Handbook and Policies**
- **Athletic Program Participation Rates and Financial Support Data**
- **Accreditation of School and Programs**
- **Changes of Schedule - Must log into**
- **Degree Verification - Must log into Crossroads**
- **Transparency Online Project (TOP)†**
- **Colorado Northwestern Community College Catalog**
- **Federal Student Complaint Regulation**
- **Completion and Graduation Rates for Student Athletes**

*Links to the National Center for Education Statistics and provides valuable consumer information about CNCC and student achievement.
You may also receive a paper copy upon request by calling: 1-800-562-1105.

Tuition and Fees Schedule 2024-2025

Tuition and fees are subject to change by the State Legislature and Governing Board. Some courses have extra charges.

Tuition

In-State Tuition (resident with COF)	$169.10 per credit hour
In-State Tuition (resident without COF)	$285.10 per credit hour
Out-of-State Tuition (non-resident)	$282.00 per credit hour
Western Undergraduate Exchange (WUE)*	$253.65 per credit hour
CCC Online Courses (resident with COF)	$277.80 per credit hour
CCC Online Courses (resident without COF)	$393.80 per credit hour
CCC Online Courses (Out-of-State)	$423.60 per credit hour
CCC Online Courses Active Duty Military	$250.00 per credit hour
BAS Dental Hygiene Tuition (resident with COF)	$347.90 per credit hour
BAS Dental Hygiene Tuition (resident without COF)	$463.90 per credit hour
BAS Dental Hygiene Out-of-State Tuition (non-resident)	$451.60 per credit hour

Tuition for High-Cost Programs

Nursing (NUR) (resident with COF)	$254.40 per credit hour
Nursing (NUR) (non-resident)	$367.30 per credit hour
Dental Hygiene (DEH) (resident with COF)	$336.45 per credit hour
Dental Hygiene (DEH) (non-resident)	$449.35 per credit hour
Aviation Maintenance (AMT) (resident with COF)	$324.15 per credit hour
Aviation Maintenance (AMT) (non-resident)	$437.05 per credit hour
Aviation Maintenance (AMT) (WUE)*	$408.70 per credit hour
Aviation Flight Technology (AVT) (resident with COF)**	$401.70 per credit hour
Aviation Flight Technology (AVT) (non-resident)**	$514.60 per credit hour
Aviation Flight Technology (AVT) (WUE)* **	$486.25 per credit hour

WUE eligible State: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming, Commonwealth of the Northern Marianas Islands (CNMI). Ineligible programs: Dental Hygiene, Nursing, NPS Academy. WUE rates do not apply to CCCOnline classes.***

***** For a complete schedule of Aviation Flight Program costs, please see the following page.***

Fees

College Fee

Rangely Student Government Fee	$3.47 per credit hour
Craig Student Government Fee	$3.47 per credit hour
Rangely Student Activity Fee	$7.08 per credit hour
Craig Student Activity Fee	$7.08 per credit hour
Rangely Technology Fee	$4.57 per credit hour
Rangely Health & Wellness	$2.88 per credit hour

Other Charges

Registration Fee (all students—non-refundable)	$17.15 per semester
Medium- and High-Cost Course CIP fee	$8.85 per credit hour
Course Charge	Vary per class
Library Fines	Vary
Returned Check Fee	$25.00

Room Charges: Per-Semester Rate

Rangely Ross Hall Double	$1,720.00
Rangely Ross Hall Single	$2,560.00
Rangely Nichols Hall Single	$2,010.00
Rangely Holland Hall Single	$2,085.00

Meal Plan Charges: Per-Semester Rate

19 meals per week (Rangely)	$3,030.00/semester
14 meals per week (Rangely)	$2,875.00/semester

Aviation Flight Fees

Effective Fall 2024

Courses**		Cost Per Hour*			Required Hours			Total Estimated Cost
		Dual	*Solo*	*Pre/Post Ground*	*Dual*	*Solo*	*Pre/Post Ground*	
Private Pilot	*AVT 1002*	C-172 - $205	$145	$60	C-172 - 24	C-172 - 11	4	$5,730.00
Instrument Pilot	*AVT 1012*	C-172 - $205 C-172 XP - $230 SIM/ATD -$135	N/A	$60	C-172 - 13 C-172 XP - 22 SIM/ATD - 5	N/A	6	$8,760.00
Comm Flight I	*AVT 2002*	C-172 - $205	$145	$60	C-172 - 13	C-172 - 40	5	$8,765.00
Comm Flight II	*AVT 2003*	C-172 - $205 C-172 RG - $225	C-172 - $145 C-172 RG - $155	$60	C-172 - 27 C-172 RG - 15	C-172 - 25 C-172 RG - 0	5	$12,835.00
Multi Engine	*AVT 2008*	C-310 - $370	N/A	$60	C -310 - 10	N/A	4	$3,940.00
Flight Instructor	*AVT 2013*	C-172 - $205 C-172 RG - $225	N/A	$60	C-172 - 3 C-172 RG - 4	N/A	15.5	$2,445.00
Instrument Instructor	*AVT 2022*	C-172 XP - $230	N/A	$60	C-172 XP - 6	N/A	5	$1,680.00
Multi Engine Instructor	*AVT 2023*	C-310-$370	N/A	$60	C-310 - 15	N/A	5	$5,850.00
Tailwheel	*AVT 2036*	Citabria - $210	N/A	$60	Citabria - 5	N/A	2	$1,170.00

** Rates subject to change at any time*

*** Course tuition per credit hour are charged in addition to amounts shows above*

	Aircraft Rates Per Hour	
Flight Instruction Per Hour	Pre/Post Flight Briefing	$60.00
	Flight Instruction	$60.00
	C-172	$145.00
	C-172 XP	$170.00
	C-172 RG	$165.00
	C-310	$310.00
	Citabria	$150.00
	Simulator (SIM)/ATD	$75.00

Additional Costs	
Tablet	$650.00
Aviation Software	$731.00
Aviation Books	$770.00
Headset	$400 - $1200.00
Knowledge Exam	$175.00
FAA Check Ride Per	$790.00
FAA Check Ride (CFI)	$1,400.00

Determination of Residency Status for Tuition Purposes

The determination of a student's residency status for tuition purposes is determined under State Law Title 23, Article 7, Colorado Revised Statutes 1973, as amended. A student's tuition classification is determined before or at the time of registration. If, at a later date, the student believes that the residency classification is no longer correct, they may petition for a change of residency classification.

Petitions must be submitted to the Admissions and Records Office no later than 15 days prior to the first day of registration of the semester in which a student wishes to change. Any student who is denied residency after petitioning may appeal that decision. The appeal must be submitted to the Admissions and Records Office no later than two weeks after the negative decision has been sent to the student. A Residency Classification Appeals Board will meet to make the residence determination. The decision rendered by the appeals board is the final College determination.

Members of the armed forces (or their dependents) may be granted in-state status upon moving to Colorado on permanent change-of-station basis. The following documents must be provided at least 15 days prior to the start of the semester in which the student enrolls:

1. Certification from the base personnel office that you (or your parent) are on active duty with a permanent duty station in Colorado
2. A photocopy of your military or dependent identification card

Please re-submit your documentation to the Admissions and Records Office for each semester that you wish to be classified as a resident.

State institutions of higher education charge resident tuition rates to veterans. State institutions of higher education may also extend the resident rate to spouses and dependents of veterans. This legislation will allow for:

The Veteran's Choice, Access and Accountability Act of 2014 allows in-state residency for those meeting the following eligibility criteria:

1. Uniformed Service Veteran's (Air Force, Army, Navy, Marines, Coast Guard, National Guard, and the commission corps of the Public Health Service (PHS) and National Oceanic and Atmospheric Administration (NOAA) and their dependents who enroll within 3 years of discharge or release after serving 90 days or more on active duty;
2. Spouses and children using transferred entitlement within 3 years of the transferor's discharge after serving 90 days or more on active duty;
3. Surviving spouses or children under the Fry Scholarship who enroll within 3 years of an active duty service member's death in the line of duty if the service member served 90 days or more;
4. Individuals must qualify for educational assistance benefits pursuant to chapter 30 or 33 of the U.S.C. Title 38;
5. Individuals must reside in Colorado while enrolled at the higher educational institution;
6. Individuals that exhaust their Chapter 30 or 33 benefits, will continue to receive in-state tuition rates as long as the student continues to reside in Colorado and remains continuously enrolled at the same institution; and
7. Eligible individuals will receive a stipend from the College Opportunity Fund (COF);
8. Covered individuals that are classified for in-state tuition rates, solely pursuant to HB 15-1294, and will not be counted as resident students for any other purpose other than tuition classification.

Students who receive resident tuition classification as a result of this legislation are not counted as resident students for any other purpose; however, these students shall be eligible to receive a stipend from the College Opportunity Fund.

Questions regarding residency (tuition) status should be referred only to the Registrar. Opinions of others are not official or binding upon the institution. Residency of non-emancipated minors shall be that of the head of the family.

College Opportunity Fund (COF)

The State of Colorado has put aside money to help with tuition expenses. The COF stipend is worth $116 per credit-hour for the 2024-2025 academic year. Each student must apply for COF in order to receive the benefit. There are no income qualifications; however, the student must be eligible for in-state tuition. Apply for the COF stipend at https://cof.college-assist.org. Students only need to apply once, then simply authorize the use of the stipend for their eligible undergraduate courses, provided they have not met the 145 credit lifetime limit. If a student has reached their lifetime limit they may request a waiver form from the Registrar who will notify the student of the outcome via email to their student account.

Western Undergraduate Exchange (WUE)

WUE is a program of the Western Interstate Commission for Higher Education (WICHE). Through WUE, students in most western states may enroll in many two-year and four-year college programs at a reduced tuition level-150 percent of the institution's regular resident tuition. WUE's tuition is less than non-resident tuition. To be eligible for WUE, a student must be, and remain, a resident of one of the participating states: Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Northern Marianas (of the Trust Territories of the Pacific Islands), Oregon, South Dakota, Utah, Washington, or Wyoming. If a student has moved to Colorado within the past twelve months from one of the qualifying states to attend college, the student may be eligible for the program. No semesters in which a student is classified as WUE may be counted towards the twelve month domicile requirement to establish Colorado residency.

To be eligible for WUE, CNCC requires that new students fill out the WUE application located at https://www.cncc.edu/determining-residency or in the Admissions and Records office, and first-time students have a cumulative high school GPA of 2.0 or higher, as documented by submission of the students official high school transcript, or submission of a GED certification. Transfer students must also have a cumulative GPA of 2.0, as documented by submission of transcripts from all previously attended colleges. The application and the final transcripts must be submitted no later than 30 days after the first day of the semester for which the student is applying. If the application and transcripts are not received by then, the student will receive WUE for the following semester if all requirements have been met. If initially approved, students will receive WUE for each semester you are continually enrolled unless they notify the Registrar via student email. After a break in enrollment (excluding summers) students will need to re-apply for WUE.

Programs not eligible for WUE are Dental Hygiene, Nursing, and the NPS Academy. WUE also does not apply to classes taken through CCCOnline or the CO Online @ Consortium. Please contact the Admissions and Records Office if you have questions about this program.

Determination of Rangely In-District Residence for Tuition Assistance Purposes

Provided in-state requirements have been met, establishment of bona-fide residence within the Rangely Junior College District requires that a person resides within the District on a full-time basis for six consecutive months with the expectation of continuing residency on a permanent, year-round basis. Things that demonstrate permanent residence are employment, the student/parent ownership of property or a business within the College District. Residency of non-emancipated minors shall be that of the head of the family. Living in Rangely specifically to attend CNCC does not qualify a student for in-district status. Student employment or temporary work will not be considered as criteria in establishing residency for tuition purposes. This status does not apply to fees. Contact Admissions and Records for the application. For more information please visit: https://www.cncc.edu/determining-residency

Determination of Moffat County Affiliated Junior College District Residence for Tuition Assistance Purposes

Provided in-state requirements have been met, establishment of a bona-fide residence within the Moffat County Affiliated Junior College District requires that a person resides within the District on a full-time basis for six consecutive months with the expectation of continuing residency. Residency of non-emancipated minors shall be that of the head of the family. Living in Moffat County specifically to attend CNCC does not qualify a student for in-district status. Student employment or temporary work will not be considered as criteria in establishing residency for tuition purposes. This status does not apply to fees. Contact Admissions and Records for the application. For more information please visit: https://www.cncc.edu/determining-residency

Tuition Payment Policy

A student, by the act of registration, automatically incurs a financial obligation to CNCC. This obligation must be satisfied by appropriate payment to CNCC. Payment is due by census date (last day to add drop) of the current term, if students cannot pay by this date, they will need to contact the Accounts Receivable Coordinator . This means that a student who registers for one or more classes is obligated to pay the full amount of their tuition and fees, whether or not the student attends class.

Students who anticipate receiving financial aid and who have their financial aid application completed **prior to** registration will be asked to pay only the portion of the bill that will not be covered by financial aid. Any subsequent financial aid money received will be returned to the student to the extent that the bill has already been paid.

Financial aid is disbursed onto the student's accounts receivable account after the drop date of the student's classes, so this date may not be the same for everyone. Students receive all refunds through BankMobile. For more information about BankMobile, visit this link https://bankmobiledisbursements.com/refundchoices/ .

Students who fail to meet their financial obligation to CNCC will not be allowed to register, until all financial obligations to the college have been met. If the account is placed in the hands of an agency or attorney for collection or legal action, the student will become obligated to pay additional costs incurred and permitted by the laws governing these transactions.

Students ALWAYS have access to their billing statement through Crossroads on the Student Finance Tab. Students can also pay online from this tab. The college may also send paper billing statements to the student's physical address on record with the college of attendance, but is not required to do so. Failure by a student to view their student account or receive any billing statement does not constitute valid grounds for waiving late payment penalties or registration holds.

CNCC will accept check, money order, cash, Visa, Discover, and Master Card. There will be a $25.00 charge for all returned checks.

Students Sponsored By a Third-Party Agency

A valid letter of sponsorship must be on file in the Accounts Receivable Office. Students must make arrangements for agency billing with Accounts Receivable in accordance with payment deadlines. ***Students are responsible for any charges not covered by their agency and are subject to late fees and refund guidelines.***

It must be understood that each student is responsible for payment of their own expenses. The college is not responsible for making payment arrangements with parents, guardians, international agencies, or other third parties.

Other Fees

- Returned Check Fee – A returned check fee will be added to your account for any check returned by your financial institution. The college reserves the right to pursue all legal remedies available to collect on a returned check.
- Collection Agency Costs – Collection agency costs will be assessed on the unpaid balance of your account, including internal collection costs of no more than 40% of the unpaid balance, after internal collection efforts have failed to induce you to pay your account or enter into a payment Agreement. Your account will be sent to a collection agency and may be reported to one or more credit bureau reporting service(s). To the extent permitted by applicable law, you agree to pay all costs and disbursements, including reasonable attorney's fees, incurred by us in legal proceedings to collect or enforce your indebtedness.
- Interest -- The college you are attending or the collection agency may assess interest on the unpaid portion of your past due student account. Interest costs may be assessed up to the maximum permitted under Colorado law.

Hold on Services

- **Hold Preventing Registration**
  - The Colorado Community College System colleges will not permit you to register for classes if you have an outstanding financial obligation to any of the community colleges other than a loan that is not yet due or on which payments are current. In addition the colleges may withhold other services if you have an outstanding financial obligation with any other school within the Colorado Community College System.
  - A student who owes any debt to CNCC as of the census date for the current term may have a hold placed on their account at any time after that date, preventing registration and enrollment in future courses.

- **Transcript/Diploma Release and Withholding**
  - CNCC has developed a process for current and former students to submit a request for a transcript or diploma. Upon receipt of a valid request, transcripts or diplomas shall not be withheld from release due to the fact that the student owes any debt to CNCC.
  - CNCC may charge a fee for the actual cost of providing a transcript or diploma and may condition release of the transcript or diploma upon payment of that fee.
  - Students can request a copy of their transcripts by going to https://www.cncc.edu/transcriptrequest. To request a copy of their diploma, the student can contact the admissions office at 1-800-562-1105.

- CNCC, will not condition release upon payment of a debt, charge a higher fee to the student for transcript/diploma release, treat the student less favorably (e.g., delay the release), or otherwise use transcript/diploma release as a debt collection tool.

- **Debt Collection Agencies**
  - CNCC may refer student debt to third-party collection agencies to engage in debt collection efforts in accordance with applicable laws. The lowest amount of student debt that may be referred to a third-party collection agency is any amount over $0. Notwithstanding this section, any amount of student debt may be submitted to the State of Colorado for tax offset purposes.

- **Automatic Stay in Bankruptcy**
  - Debt collection efforts must be lifted for students who owe a debt to CNCC and are subject to the automatic stay provisions of a bankruptcy proceeding. Such students may be required to pay in advance to enroll in future courses.

- **Complaints**
  - Student complaints for violations of this procedure by a College may be submitted to the College's designee through the College's established complaint reporting procedures, and will be reviewed in accordance with System Procedure (SP) 4-31a, Student Complaint Procedure. If the student needs to file a complaint, they may do so by going to https://www.cncc.edu/incident.

Refund Policy

The college will refund one hundred percent of tuition and student fees collected if the student officially drops courses, **in** writing, through the Admissions and Records Office, or online through Crossroads, Student Tab – Registration block, during the first fifteen percent of the term (or class) for which tuition and fees were paid. There will be no refund if the student withdraws after the first fifteen percent of the class or if a student fails to drop the course through the add/drop process even if the student never attends the class. (Courses cannot be officially dropped via telephone.)

If a refund is requested, and a student has received financial aid, a portion of the refund may have to be returned to the Financial Aid Office from which it came. Students are responsible for checking with the Financial Aid Office for information pertaining to this policy and to determine how the refund will be applied to financial aid programs. Refunds are made within 30 days after withdrawal/drop forms are received in the Accounts Receivable Office.

To receive a refund for a short class (one to five days in duration), students must submit a drop form to the Admissions and Records Office two working days prior to the first day of class. Some courses have special charges to cover expenses external to the college, have early refund dates, or may be non-refundable. Check class schedules or advertisement sheets for specific course information.

A full refund will be granted for classes canceled due to insufficient enrollment or closed due to student enrollment limits.

For more information on payments or refunds, call the Business Office at 1-800-562-1105, ext..

***Financial Disclaimer for the 2024-25 School Year:* During the 2024-25 academic year, some or all of the instructional formats may change due to an emergency situation affecting college operations, public safety, or public health, including the COVID-19 pandemic. Tuition and fees are charged at the beginning of the semester and will remain in place regardless of any changes in instructional format. Tuition and fees will not be refunded in the event the curriculum delivery format changes for any part of the 2024-25 academic year.**

Residence Hall Deposit (for college-owned housing)

The $200 Housing Security and Damage deposit is a reservation fee that denotes agreement between the student and CNCC Campus Life. The deposit is not a rental payment and is not included in the rental amount. At the end of the contract term, the deposit shall be used to pay outstanding bills due to the Campus Life Department resulting from damage and/or sanctions imposed for which the Resident is responsible. If the resident contracts to return to on-campus housing, the deposit may be extended as the reservation fee for the contract extension. The resident will be billed for any cleaning/damage charges if the deposit is extended.

A resident's housing deposit will be refunded if all provisions of this contract have been complied with and no cleaning/damage charges have been assessed. The deposit will be refunded after termination of the contract if written notice of cancellation (required Checkout Form is sufficient) of this contract is completed when a resident moves out. Residents who have not completed an official check-out will forfeit their housing deposit. Additionally, residents who cancel student housing one week prior or check out during or before the end of the first 3 weeks of move in or the start of semester shall forfeit the $200 housing deposit.

The student housing deposit may be retained to reduce any balance owed to the CNCC. These may include tuition, fees, books, housing, disciplinary sanctions and/or etc.

Room and Board (for college-owned housing)

Residents who cancel student housing one week prior or check out during or before the end of the first 3 weeks of move in or the start of semester shall pay the following charges: $100 for rent, $100 for meals, $25 for activity fees. Refunds for room and board will be made on a prorated basis through the first nine weeks of the academic semester. Students will be charged ten percent of the total semester rate for each week or partial week of residence hall occupancy, beginning with the date of check-in. No refund will be made to students who leave the residence hall after completion of the ninth week of classes.

CNCC Mailbox Policy for Students

Use of CNCC student mailboxes is strictly provided as a student service. Once mail has been placed in the box holder's assigned mailbox, the mail shall be deemed to have been delivered and the College shall not be responsible for loss, theft, or damage. Campus mail service is not responsible for the failure of the United States Postal Service (or other delivery service provider) to deliver mail in timely fashion or mail delivered in damaged condition.

Financial Assistance

A wide variety of financial assistance programs are available to both full-time and part-time degree/certificate seeking students. Since the extent of support and qualifying conditions are changed periodically by sponsoring agencies, the list that follows should be thought of as representative only. Current information is found at https://cncc.edu/admissions/financial-aid. Additionally, inquiries concerning the most recent information should be addressed to the Office of Financial Aid at CNCC.

Decisions on financial aid will not be made until after the student has been accepted for admission to the college. Students must have a high school diploma or the equivalent to receive Title IV aid.

Students applying for financial aid should complete the Free Application for Federal Student Aid (FAFSA) online at https://studentaid.gov/ . Filling out the FAFSA will determine if you are eligible for a federal grant, work-study, and loans. As the FAFSA has gone to prior, prior year for tax purposes you no longer have to wait until your taxes are done to complete it.

Approximately 30% of all financial aid applicants are pulled for verification and will be asked to provide additional documentation to the Financial Aid Office. Financial aid recipients, with files completed by May 1st, will receive first consideration for financial assistance. Applications received at the college after that date will be considered for any funds still available.

For financial aid purposes, full-time status is 12 credits and above, three-quarter-time status is 9-11 credits, half-time status is 6-8 credits, and less-than half-time is 5 credits and under. These definitions are the same for all semesters, including summer.

Course to Program - Federal Title IV aid is only available for courses that pertain to the student's declared degree/certificate. Courses taken that do not pertain to the student's degree/certificate will not be covered by financial aid and financial aid will be adjusted accordingly. Contact the Financial Aid Office before the census/drop date of classes with questions.

Grants and Scholarships

Federal Pell Grants

Federal Pell Grants are to help undergraduate students pay for their education after high school. It is the largest need-based student aid program. The Department of Education uses a standard formula, established by Congress, to evaluate the information students report when they complete the FAFSA. The formula determines Student Aid Index (SAI). Students with an SAI below a certain amount, will be eligible for a Federal Pell Grant, assuming they meet all other eligibility criteria. Federal Pell Grants are pro-rated when a student is below full-time status. A student's lifetime eligibility for a Pell Grant is 600% or approximately 6 years, once this is met there will be no further Pell Grant eligibility. Once a student receives a bachelor's degree they are no longer eligible for a Pell Grant.

Federal Supplemental Educational Opportunity Grants

Students demonstrating significant financial need, as determined by completion of the FAFSA, may be eligible for a Federal Supplemental Educational Opportunity Grant (FSEOG). Priority is given to non-resident students with an SAI of negative 1500. The value of an FSEOG at CNCC may vary from $200 to $2,000 per year.

Institutional Grants and Scholarships (Based on availability of funds)

CNCC has a variety of scholarships and grants available for both new and continuing students at all CNCC campuses. All applicants must have a high school diploma or the equivalent, and must be planning to enroll in a financial aid eligible degree or certificate program. The applications can be obtained directly from the Financial Aid Office or by accessing the "Scholarship Central" link under "Admissions" on the CNCC website: https://cncc.edu/admissions/scholarship-central .

CNCC Vice-President's Scholarship (Rangely or Craig Campus)

Applicants for this scholarship must be first-time freshman with a minimum 3.4 cumulative high school GPA, enrolled full-time on the Rangely or Craig Campus; degree-seeking; and have submitted a final high school transcript by August 1.

Annual Award: $2,000, renewable upon the completion of 24 credit hours with a cumulative GPA of 3.00. Maximum of two years receipt of scholarship by August 1.

CNCC Dean's Scholarship (Rangely or Craig Campus)

Applicants for this scholarship must be first-time Freshman with a cumulative high school GPA of 3.0 to 3.39, enrolled full-time on the Rangely or Craig Campus; degree-seeking; and have submitted a final high school transcript by August 1.

Annual Award: $1,000, renewable upon the completion of 24 credit hours with a cumulative GPA of 2.5. Maximum of two years receipt of scholarship.

CNCC Academic Transfer Scholarship (Rangely or Craig Campus)

Applicants for this scholarship must transfer in a minimum of 15 credits, they must pertain to your degree, have a minimum cumulative GPA of 3.0, enrolled full-time on the Rangely or Craig Campus; degree-seeking and have submitted both a final high school transcript and official college transcript(s).

Career Advance Colorado (Rangely or Craig Campus)

Starting in August 2023, students who enroll in one of the following training programs will have their tuition, fees, course materials, and other costs covered while funding is available:

1. Education
2. Early Childhood Education
3. Law Enforcement
4. Nursing

All eligible degree and certificate programs and more information can be found here: https://cncc.edu/career-advance

To enroll, you must apply for federal and/or state financial aid. Contact Jessica Wollman at 970-824-1125 or by email jessica.wollman@cncc.edu to learn about program options, financial aid processes, and application steps.

Athletic Grants

A limited number of athletic grants in varying amounts are available to outstanding high school and transfer athletes. These grants are awarded in all varsity sports supported by the College. At the present time, athletic grants are available for men in baseball, basketball, rodeo, and soccer; and for women in basketball, rodeo, soccer, softball, and volleyball.

Athletic grants are awarded by the CNCC Athletic Department and must be renewed each year, subject to the academic/athletic requirements of the College and those of the National Junior College Athletic Association (NJCAA) or the National Intercollegiate Rodeo Association (NIRA).

CNCC Foundation Scholarship

Each year the CNCC Foundation provides scholarship opportunities to students attending CNCC. Some scholarships are program specific, while others are more general. See https://cncc.edu/admissions/scholarship-central for more information. The CNCC Foundation is utilizing AwardSpring management software to facilitate the application process. https://cncc.awardspring.com/

State-Funded Student Assistance Programs

The primary purposes of state-funded student financial aid are to provide financial resources to students who would otherwise be unable to pursue postsecondary education and to recognize and recruit outstanding students.

Colorado State Grant ("Colorado's College Responsibility Program")

The Colorado State Grant program is designed to assist Colorado residents who have demonstrated the least ability to pay for higher education, as determined by completion of the FAFSA. This grant program is available to students enrolling at least half-time (6 credit hours per semester). A level system for determining eligibility has been established by the State. Level 1: Students with the least ability to pay (Student Aid Index (SAI) students eligible for Pell Grants). The maximum annual award for this group of students is up to $9,000, unless the remaining unmet need after other aid funds is less. Maximum award may be adjusted due to state funding.

Loans

Federal Direct Loan Program

Direct Loan funds are obtained directly from the U.S. Treasury. This process involves fewer participants and provides a single point of contact for the school and the student/parents.

The Direct Loan Program allows students to borrow low-interest loans to assist in meeting the costs of higher education. Depending on students' financial need (cost of attendance less student aid index) , the loan may be subsidized (the federal government pays the interest) or unsubsidized (the borrower pays the interest).

If a student's loan is subsidized, the federal government pays the interest while the student is enrolled at least half-time and during a six month grace period. If a student's loan is unsubsidized, interest will start accruing after the initial disbursement. Repayment for interest and principal begins six months after the student has graduated or is no longer enrolled in at least six credit hours. Origination fees will be deducted prior to disbursement of funds. Students must complete a FAFSA to determine loan eligibility.

The loan program also encompasses the Federal PLUS Loan. Parents of dependent students may borrow up to the cost of education minus any other resources, provided they have good credit histories. Origination fees are deducted prior to disbursement of funds. Repayment begins 30 days after the final disbursement for the year. Students must complete a FAFSA.

**Student loans must be repaid, even if the student did not complete their degree or program.*

Work-Study Program

CNCC is an Equal Opportunity Employer, which provides work opportunities to numerous students each year. The college adheres to the regulations set forth by the Department of Health, Education, and Welfare and the Colorado Commission on Higher Education, both of which govern the work-study and student employment programs.

Colorado Work-Study Program

The Colorado Work-Study Program is an employment program designed to allow Colorado resident undergraduate students to earn funds to assist in attending eligible educational institutions in Colorado. Qualifying students average 10 to 20 hours per week and earn between $1000 and $3000 per academic year.

Federal College Work-Study Program

The Federal Work-Study Program, administered by the Office of Financial Aid, provides part-time employment opportunities for qualified need-based students. Students average 10-20 hours per week and earn between $1,000 and $3,000 per academic year.

Institutional Work-Study Program

A limited amount of funding is available through the institution for students who do not qualify for either Federal or Colorado work-study funds. Students average 10-20 hours per week and earn between $1,000 and $2,000 per academic year.

Veterans Assistance

Most programs are approved for the training of veterans. All pertinent Veteran Administration (VA) regulations are adhered to, including those pertaining to refunds.

Veterans apply for benefits online at https://benefits.va.gov/gibill/ under Apply tab, choose the Apply for Benefits link. Six to eight weeks after completing the application, the veteran will receive a Certificate of Eligibility and/or an award letter. A copy should be submitted to the CNCC VA Certifying Official at CNCC, 500 Kennedy Drive, Rangely, CO 81648.

Students who wish to qualify for VA educational benefits should be prepared to finance their living expenses for a period of at least sixty days. This is the normal length of time required to complete a veteran's file in the regional office and for the issuance of monthly payments.

VA Benefits Application Process

In addition to completing the application process, please also submit:

- Military Transcripts
- Certificate of Eligibility (or letter of entitlement from the VA)
- Official transcript from all college previously attended

Please send your completed forms, Certificate of Eligibility and all other documentation to the financial aid office:

Mail or fax completed documents to:
Colorado Northwestern Community College
Attn: Financial Aid Office
500 Kennedy Drive Rangely, CO 81648
Fax: 970-675-3386
Email: cncc.finaid@cncc.edu

CNCC has the following point of contacts for Active Duty Military and Veterans:

- VA Benefits, certifications, and Title IV eligibility contact Jessica Wollman – Financial Aid Director, jessica.wollman@cncc.edu (970) 824-1125.
- Tuition Assistance contact Jessica Wollman, jessica.wollman@cncc.edu (970) 824-1125

It is highly recommended that active duty service members contact their Educational Service Office (ESO) or counselor within their Military Service branch prior to enrolling at CNCC.

CNCC complies with the Department of Education regulations regarding readmission for Service members and reservists under 34 C.F.R. 668.8. For more information contact cncc.finaid@cncc.edu..

CNCC complies with Title 38 Section 3679(e) and will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet their financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

VA students' records must be kept for 3 years following the ending date of the last period certified to VA. Referenced law: Title 38 CFR 21.4209(f)).

The evaluation of previous postsecondary education and training is mandatory and required for VA beneficiaries. For students utilizing Veterans benefits who are approved for transfer credit as a result of this evaluation, the institution will grant appropriate credit, reduce the program length proportionately, notify the student and Veterans Affairs in writing of this decision, and adjust invoicing of the VA accordingly.

Satisfactory Academic Progress

Federal and state regulations require that all student financial aid recipients maintain specific academic standards in order to maintain their financial aid eligibility. Except for some private and institutional funds, all forms of financial aid (grants, loans, work-study, and scholarships) are affected by this policy. These standards are applied to a student's entire academic history at CNCC, including periods when financial aid was not received.

The Financial Aid Office will evaluate student academic progress at the end of each semester based on three criteria:

- Cumulative GPA
- Cumulative Completion Rate (%)
- Maximum Time Frame

Satisfactory Academic Progress Standards

- Cumulative GPA – 2.0 or above
- Cumulative Completion Rate – Students must complete at least 67% of cumulative attempted credit hours. The completion rate is defined as the percentage of the total number of credits completed divided by the total number of credits attempted over the entirety of the student's academic record at the school performing the calculation. Transfer and remedial credits are included when computing the student's completion rate.
- Maximum Time Frame – Students will be eligible for financial assistance for up to 150% of the number of credits required to complete their degree/certificate program. (Example – degree is a total of 60 credits a student can receive financial assistance for up to 90 credits.) Transfer and remedial credits are included when computing the student's maximum time frame.

Students who meet these three academic standards will be considered in Good Standing. Students failing to meet these requirements will be ineligible for financial aid. Reinstatement will be made only after students have met the requirements to be considered making satisfactory progress or an appeal has been approved.

Grades of U, I, W, AW, Z, U/D, U/F, SP, and AU will affect your cumulative completion rate but not your cumulative GPA. Grade of F will affect both your completion rate and your cumulative GPA. Students are responsible for notifying the Financial Aid Office of grade changes that affect their student academic progress standing.

Incomplete grade of "I" will not affect a student's cumulative completion rate or cumulative GPA. When an incomplete has been granted a student has until the assigned date, if no date is assigned then the course must be completed no later than the end of the next 16-week semester, to complete the course and receive a grade. At the end of the assigned date, or next 16-week semester, the instructor of record will supply a final grade to the Registrar. Once a final grade is received the student's academic progress will be reassessed.

Repeat course credit hours will affect a student's earned and unearned credits; the grade will affect the cumulative GPA.

Notification of Satisfactory Academic Progress

Students in “warning”, “alert”, and “ineligible” statuses of Satisfactory Academic Progress will be notified by mail sent to their permanent home address on record at the institution.

Students in “good standing” status of Satisfactory Academic Progress will be notified by email to their permanent email address on record at the institution.

Satisfactory Academic Progress Warning

- Fails to maintain a Cumulative GPA of 2.0 or greater.
- Has a Cumulative Completion Rate of less than 67% .

Students maintain their financial aid eligibility while on warning but must bring their Cumulative GPA and Cumulative Completion Rate above the stated standards to avoid ineligibility in subsequent terms.

Satisfactory Academic Progress Alert

A student will be placed on Satisfactory Academic Progress Alert if attempted 110% of the number of credit hours required for their degree or eligible certificate program. This is your official alert notice that once you receive 150% you will be Ineligible for Financial Aid.

Satisfactory Academic Ineligibility

A student will be placed on Satisfactory Academic Progress **Ineligibility** if:

- Student failed or withdrew from all of their classes in one semester or period of enrollment
- After a warning term the Cumulative GPA is below 2.0.
- After a warning term the Cumulative Completion Rate is below 67%.
- Student has attempted more than 150% of the required number of credits for a degree or certificate. If at any point in time it is determined that a student cannot complete their program of study within 150% of the program length, student will be ineligible for aid.

Rights of Appeal

If a student is placed on Financial Aid Ineligibility, they have the right to submit a written appeal to the Financial Aid Office. The financial aid appeal form can be obtained from the Financial Aid Office.

Appeals must explain any mitigating circumstances that prevented the student from successfully completing their coursework and must be accompanied by supporting documentation. Some examples of mitigating circumstances are medical issues, mental health issues, death in the family, birth of a child, or divorce/separation.

The appeal must also explain why the circumstances no longer exist and what the student will do to ensure that they will meet Satisfactory Academic Progress standards in the future.

Appeals must be received at least two weeks prior to the end of the term in order to be considered for reinstatement for the current term, appeals can take up to two weeks to review. It is the responsibility of the student to submit an appeal in a timely manner if they wish to have their ineligibility reconsidered and aid reinstated.

Appeal decisions will be emailed to the student’s college assigned email address. Students with a successful appeal will be placed on “probation” for one payment period, during which time the student may receive financial aid funds. At the end of the “probation” period the student must be in “good standing” to continue to receive financial aid funds. If after the “probation” period the student has not met the Satisfactory Academic Progress standards the student will lose their financial aid eligibility.

By student request, any student appeal that has been denied, can be sent to the Vice President of Student Services for review. The decision of the Vice President is final.

Return of Title IV Funds

Federal regulations require a return of Title IV funds if a student received federal financial assistance and withdrew or ceased to attend for any reason on or before completing 60% of the enrollment period. The percentage of Title IV aid to

be returned is equal to the number of calendar days remaining in the enrollment period divided by the number of calendar days in the enrollment period. Scheduled breaks of more than five consecutive days are excluded from the total number of calendar days.

The office of financial aid is required to calculate how much federal financial aid a student has earned if that student:

- Completely withdraws, or
- Does not complete all modules (courses which do not span the entire length of the payment period).

For students enrolled in modules: A student is not considered as withdrawn if the Office of Financial Aid obtains a written confirmation at the time of the withdrawal that they will attend a module that begins later in the same enrollment period. The newly added courses will also count as a positive confirmation of future attendance if the student registered for the course or courses at the time of a withdrawal. Dropping courses in a later module while still attending a current module is also not considered to have withdrawn.

The official withdrawal date will be either the date the student begins the withdrawal process or the date the student provides official notification of intent to withdraw. The unofficial withdrawal (for a student with a failing grade) will be reported by the instructors based on the last date of attendance.

Official and Unofficial Withdrawals

The official withdrawal date will be either the date the student begins the withdrawal process or the date the student provides official notification of intent to withdraw. The unofficial withdrawal (for a student with a failing grade) will be reported by the instructors based on the last date of attendance.

Return of Title IV Calculation:

Percentage of Title IV Aid Earned	**Amount of Title IV Aid Earned**	**Amount of Title IV Aid to Return**
Days Attended / Total Days in the Enrollment Period = % Completed	Total Disbursed Aid x %Completed = Earned Aid	Total Disbursed Aid - Earned Aid = Amount to be Returned

- If the percentage completed is higher than 60%, the student has earned all the Title IV funds for the period.
  - If a student who received financial aid never attends, all disbursed funds will be returned.

Return of Unearned Title IV Aid (34CFR 668.22)

Federal regulations require schools to perform calculations within 30 days from the date the school determines a student's withdrawal and to return the funds within **45 days** of the calculation.

If a student does not pay the balance owed to the institution within **45 days** of the date of notification, the balance will be forwarded to the State of Colorado Collections Agency and the student's records will be placed on financial hold. In addition, any grant funds owed to the government will be transferred and reported as an "overpayment" to the U.S. Department of Education.

Aid programs subject to the repayment calculation will be returned in this order

- Unsubsidized Direct Loans
- Subsidized Direct Loans
- Direct PLUS Loans
- Federal Pell Grant
- Iraq and Afghanistan Service Grants
- Federal Supplemental Educational Opportunity Grant (FSEOG)

Post Withdrawal Disbursement 34 CFR 668.22(a) (3) & (4)

Title IV funds are awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. When a student drops or withdraws, the student may no longer be eligible for the full amount of the Title IV funds that the student was originally scheduled to receive. If the amount disbursed to the student is less than the amount the student earned and for which the student is otherwise eligible they are eligible to receive a Post-Withdrawal Disbursement of the earned aid that was not previously received.

Disbursing Title IV Aid Earned

All **post-withdrawal disbursements** are applied to the student account first for balances owed to the institution. Any resulting credit balance on the student's account must be disbursed as soon as possible and no later than 14 days after the calculation of R2T4. 34 C.F.R 668.22 (a) (5) and (6); 34 C.F.R 668.164 (h) and (j).

- Grant funds must be disbursed within 45 days.
- Loan funds must be offered to the student within 30 days, allowing the student at least 14 days to respond for a total of 45 days.

The College will notify the student in writing of any Title IV grant or loan repayment. The letter will inform the student of the dollar amount owed, the program, the method for repaying the funds and to whom, and the consequences of failing to repay the funds.

Assignment of Credit Hours

The institution's assignment and award of credit hours shall conform to commonly accepted practices in higher education. Those institutions seeking, or participating in, Title IV federal financial aid, shall demonstrate that they have policies determining the credit hours awarded to courses and programs in keeping with commonly-accepted practices and with the federal definition of the credit hour, as reproduced herein for reference only, and that institutions also have procedures that result in an appropriate awarding of institutional credit in conformity with the policies established by the institution. CNCC follows the Colorado Commission on Higher Education and federal guidelines on credit hours. That is, that one credit equals 50 hours of student effort both in and out of class. For a lecture class, that means that for every credit you receive, there must be 12.5 hours of in-class time and 37.5 hours of out-of-class time (homework, reading, preparing for class or exams). All courses including online, hybrid, and accelerated are designed so that you have the opportunity to devote enough time to meet your required course outcomes. When deciding on a course load, you should keep these time requirements in mind.

Federal Credit Hour Definition: A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than:

(1) one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or (2) at least an equivalent amount of work as required in paragraph (1) of this definition for other activities as established by an institution, including laboratory work, internships, practicums, studio work, and other academic work leading toward to the award of credit hours. 34CFR 600.2 (11/1/2010)

Student Records

Students and parents should be aware that all records and conversations between students, parents, and financial aid staff are confidential and that no public announcements shall be made of amounts awarded to individual students.

Students who receive Federal Title IV Financial Aid (Federal Grants and Federal Direct Loans) are considered withdrawn if they do not successfully complete at least one credit hour in each of their periods of enrollment for the term.

A student's period of enrollment is defined by the start and end dates of all courses for which they are registered. Receiving grades of F, W, U, U/D, U/F or Incomplete is not considered successfully completing. Financial aid recipients who withdraw or stop attending any module (or part of a term) within their period of enrollment may be reported to the Clearinghouse as withdrawn and may be responsible for repayment of their financial aid. Students should check with their Financial Aid Office prior to dropping or withdrawing from courses.

In addition, students who are registered for courses that do not span the length of the regular term, may have financial aid adjustments if they drop or withdraw from any credit hours.

Special Note: If further information concerning grants, loans, and work-study is desired, visit our website at https://cncc.edu/admissions/financial-aid or contact the Office of Financial Aid at 970-824-1125 or 1-800-562-1105 ext. 1125.

Student Services

The college is committed to providing students with a variety of educational and developmental opportunities, both within and outside the classroom. Responsibility for student development in areas complementary to the formal classroom environment rests with the Student Services staff, who foster programs that facilitate the student's social, cultural, emotional, academic, and recreational growth.

Accommodations and Accessibility Services

CNCC complies with and fully supports Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA), including changes made by the ADA Amendments Act of 2008 regarding nondiscrimination on the basis of disability (documentation required). CNCC provides a supportive environment for students with physical, mental, emotional, learning, and/or temporary disabilities. Only students who have met the criteria and CNCC documentation requirements will receive educational and/or physical accommodations. CNCC suggests that students contact the Advising and Retention Specialist Sheldon Black (sheldon.black@cncc. or 970-675-3224) for Rangely students or Heidi Reiman (heidi.reiman@cncc.edu or 970-824-1103) for Craig students at least 4 to 6 weeks prior to the beginning of school year to ensure that accommodations are in place. Please visit https://cncc.edu/accommodations-accessibility-services for documentation requirements and the application to receive services.

There are several resources available to students with mental, emotional, physical, learning, and/or temporary disabilities of some sort (recent surgeries or injury). In order to receive accommodations such as reduced-distraction testing, extended testing time, and alternate format media, appropriate documentation must be submitted to the Vice President of Student Services, Brett Caskey (brett.caskey@cncc.edu or 970-675-3213). Tutoring and assistive technology are available to all students in the Gateway Centers on both campuses.

Academic Advising

Advising services are designed to assist students in their academic pursuits at CNCC. Students are assigned advisors knowledgeable of their program areas as well as college policies relevant to graduation and transfer. Please visit our website: https://cncc.edu/academics/academic-support

In order to assure that students meet Associate Degree and/or Certificate requirements, and to assure maximum transferability of courses, the student and their advisor should use the Degree Check program, accessible through Crossroads. A proposed program will be outlined to assist the student in meeting degree or certificate requirements. Changes may be made in the program requirements only through mutual agreement of the student and the Program Director and approved by the Dean or Senior Vice President of Academic Affairs. Changes to a Degree with Designation (DwD) can occur only if a DwD Course Exception Request has been approved by CNCC and the four-year institution to which the student plans to transfer. More information can be found by visiting http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html.

Students entering CNCC under a specific program will follow the initial requirements as outlined in the College Catalog as long as they are continuously enrolled either as a full-time or part-time student (excluding summer sessions). Breaks in enrollment may result in changes in the student's program requirements.

The student is ultimately and solely responsible for knowing the requirements of a particular degree or certificate as outlined in the College Catalog and fulfilling those requirements.

Learning Assistance Services

CNCC's Gateway Center is designed around the core values of student preparation, academic success, and personal growth. The Centers provide supplemental instruction, collaborative learning groups, tutoring, test proctoring, proofing services, computer access, disability support services, GED support services, academic skills development, academic/career conversations, and a wide range of other services that can be customized for each student.

For more information about CNCC's Learning Assistance Services, contact the Gateway Center coordinator on the Rangely Campus, Carrie Olsen (carrie.olsen@cncc.edu or 970-675-3345) or Annette Burrow on the Craig Campus (annette.burrow@cncc.edu or 970-824-1128).

Library Services

The Rangely campus library is located in the heart of campus on the lower level of the McLaughlin Building. The collection reflects and supplements the college curriculum by offering over 27,000 items, including books, audio-visual materials, hard copy, and on-line periodicals and equipment. Reference, reserve, interlibrary loan, photocopying, Internet access, and software programs on networked computers are some of the many popular services offered through the library.

The Craig campus library is on the upper level of the Academic and Student Services building. The library offers a growing collection, reference services, wireless and networked Internet access, group study rooms, Interlibrary Loan services, and a wide-array of online periodicals.

CNCC's libraries are dedicated to serving the information and learning needs of students, faculty, staff, and the community. For more information please visit https://cncc.edu/library**.**

Health Services

The college does not provide insurance coverage for students. Each student is encouraged to have sufficient health insurance at enrollment.

CNCC offers an on-campus health clinic in Rangely once a week located in the Johnson Building to offer medical evaluations and basic mental health services. Off-campus, students in Rangely can receive medical services through the Rio Blanco County Health Department at 970-878-9525, Rangely Family Medicine at 970-675-2237, and Rangely District Hospital at 970-675-5011.

In Craig, Memorial Hospital Medical Clinic at 970-824-2400, Specialty Clinics at 970-824- 3252, or Rapid Care at 970-826-8300

Mental health services can be received through MindSprings Health (https://www.mindspringshealth.org/). Crisis services are free to students and other services provided incur a fee that the student is responsible for paying.

- Craig Office
  - Monday-Friday, 8am-5pm
  - 970-824-6541 (English) & 970-683-7289 (Spanish)
- Rangely Office
  - Monday – Thursday, 8am-5pm
  - 970-675-8411 (English) & 970-683-7289 (Spanish)

Students are personally responsible for covering all medical costs for care received outside of on-campus health clinic in Rangely.

Career Counseling

If you are thinking about transferring to another college or four year program, Advising is here for you. We can help you create steps to a successful transfer. This office is home to several transfer guides and college catalogs available to students Please visit: https://cncc.edu/transfer-coordination.

Career Counseling is designed to help students explore potential degrees, careers, occupations, and schools. An Advising & Retention Specialist will work with a student to assess interests, personality, values, and strengths. Students who know their likes and dislikes will have a better exploration experience looking into degrees, schools, careers, and/or occupations. An Advising & Retention Specialist may have a student take assessments, such as interest inventories, personality tests, and/or career quizzes. None the assessments are designed to tell a student what they could or should do relating to a degree, career, or occupation. They will, however, help a student gain insight into themselves and help them to organize their thoughts and ideas about what they want to do or where they want to go. Please visit: https://cncc.edu/career-counseling

Student Job Board

Here you will find listings and links to local jobs in the area that are interested in hiring CNCC students: https://cncc.edu/student-jobs-board.

Campus Life

Campus Life strives to provide a safe living environment and meaningful, educational, extracurricular, and recreational development as an integral part of the experience at CNCC. The CNCC community is small enough to nurture life-long friendships yet big enough to provide relevant, high quality opportunities for leadership and growth.

Student Government Association (SGA): The Student Government Association of Colorado Northwestern Community College are the representative bodies and official voice of the students at CNCC in Rangely and Craig. These two groups play a vital role and work closely with college administration in developing and shaping student policies, expressing student opinions, and coordinating student activities and programs. For more information please visit: https://cncc.edu/s-g-a.

Activities: Campus Life provides a variety of activities and leadership roles for student participation. Activities include student sponsored events as well as learning new outdoor skills, team building technics and utilizing different art mediums.

Outdoor Recreation: The Outdoor Recreation Program provides students on both campuses with an opportunity to experience and plan many outdoor excursions. Through this program, students are able to experience the very essence of Northwestern Colorado through whitewater rafting, rock climbing, cross country skiing, biking, camping, hiking, and fishing. For more information please visit: https://cncc.edu/outdoor-recreation-program.

Student Housing (Rangely)

The Rangely Campus has three residence halls on campus, which can house 300 students. Ross Hall is primarily double-occupancy. Single rooms are offered in Nichols Hall. The residence hall areas are staffed with full-time housing staff, and a supporting staff of Resident Assistants (RAs). The residence hall staff enforces hall policies and provides social and educational programming for residents. Alcohol, drugs, tobacco, and weapons are prohibited. Refer to the *CNCC Student Handbook* for further information. For more information about living on campus in Rangely, please visit: https://cncc.edu/campus-life/living-on-campus.

Freshmen Live-In Requirement

All freshmen attending CNCC's Rangely campus are required to live in the residence halls and participate in the board/meal plan their first year at CNCC. Students who are 21 years of age, married, single parents, or living with a parent/guardian or close relative are not required to live on campus.

Deadline for Housing Application

Housing assignments for residence halls will not be made until the housing application, the $200 deposit, which serves to acknowledge the housing contract, have been received. Once these items have been received, the housing assignment will be made on a priority system based on the date they were received. Typically, CNCC Campus Life will notify students of room assignments in early July.

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Intercollegiate Athletics

Intercollegiate athletic competition is offered for Rangely campus students in men's and women's basketball, men's and women's soccer, baseball, softball, volleyball and cross country. Please visit https://athletics.cncc.edu/ . Additionally, CNCC has a rodeo team based in Craig. Students from both campuses are able to compete in the rodeo program. CNCC rodeo competes in 10 National Intercollegiate Rodeo Association sanctioned rodeos each competing in the Rocky Mountain Region.

For more information about CNCC's intercollegiate athletic programs, contact the Athletic Director at 970-675- 3312 or Information Central at 1-800-562-1105.

Academic Regulations

Academic Council

The Academic Council has the responsibility of approving the college's academic policies and its instructional courses and programs. The Senior vice President of Academic Affairs serves as Chairperson. Each instructional department of the College is represented on the Academic Council by one or more selected faculty members. Additionally, the Vice President of Student Services represents the other CNCC academic service and support areas on the Academic Council.

Attendance Policy

College faculty believe that regular class attendance is necessary if students are to receive maximum benefits from their work, and students are expected to attend all sessions of the classes for which they are registered. The individual instructor may determine the appropriate attendance and tardiness policy for each class. Such a policy will be clearly outlined at the beginning of each semester. Students have the responsibility of learning the instructor's policy on attendance and abiding by it.

Students should explain the reasons for absence to their instructors. The student is responsible for making up work missed due to any absence, including those involving college-sponsored athletic, academic, or recreational trips. Students will not be penalized for absences due to college-sponsored activities; however, instructors reserve the right to assign relevant, alternative work for missed class time due to such an activity. ***Absences for extenuating circumstances or activities outside of a college-sponsored activity may be excused by the appropriate Dean of Academics or the Senior Vice President of Academic Affairs with notification to the faculty.***

Administrative Drop

A student can be dropped from a course for non-attendance (see Drop for Non-Attendance Policy) or after the course drop deadline through the petition or appeals process.

Administrative Withdrawal

The college reserves the right to withdraw a student from one or more classes, or from all classes in which he/she is enrolled if, in the judgment of the Senior Vice President of Academic Affairs, through consultation with other college personnel, such action is deemed in the best interest of the student and/or the college. Examples of reasons for administrative withdrawal are failure to pay registration tuition and fees; failure to provide admission credentials; failure to remove "holds" in a timely manner; or inappropriate behavior in class, laboratory, or field studies environments. In those instances where the student is administratively withdrawn from class or from the college due to inappropriate behavior in the learning environment, the student shall have the right of appeal to the Vice President of Instruction, and finally to the President of the college.

It is ultimately the student's responsibility to officially drop or withdraw from a course through the Admissions and Records Office prior to required deadlines . Failure to do so may impact a student's grade, official transcript, and college financial account.

Student Credit Load

The minimum credit load to be a full-time student during a 16 week semester is 12 credit hours. Students expecting to complete an Associate Degree in two years will typically need to complete between 15 and 18 credit hours per semester.

Except where otherwise prescribed by the student's specific program, eighteen semester credit hours is the maximum number of credits for which a student is allowed to enroll during a full sixteen-week semester, six semester hours for a student enrolled in a five-week summer term, nine semester hours in an eight-week summer term, and twelve semester hours for an entire eleven-week summer session. A student may exceed the enrollment limits outlined above only by recommendation of their advisor(s) and the approval of an Advising and Retention Specialist.

Instructional Delivery Methods

(CB) Competency Based: Student's will have a fixed amount of time to meet specific competencies before receiving credit for the class. Course augmented by the learning management system (LMS).

(CE) Continuing Education: Code is reserved for non-credit courses, students take these courses through their college continuing education, community education, and/or work force development office and do not receive academic credit.

(CL) Classroom Based: Class meetings are on-site and in-person. Course augmented by the learning management system (LMS).

(HF) HyFlex: A highly flexible experience where the course is delivered entirely remotely in real-time, entirely in person in real-time, or a combination of the two. Course is augmented by the learning management system (LMS).

(HL) HyFlex with Lab: A highly flexible experience where the course is delivered entirely remotely in real-time, entirely in-person in real-time, or a combination of the two. Lab will require in-person attendance. Course is augmented by the learning management system (LMS).

(H) Hybrid: Class will have some live in-person components, and some on-line components. Percentage of on-line versus in-person can vary by class. Course is augmented by the learning management system (LMS).

(I) Independent Study Course: Course is offered in a physical space where an instructor and student work together to augment or complete a degree requirement that is not obtainable within the current course schedule. Course is augmented by the learning management system (LMS).

(N) Internship: Course is offered on campus in a physical space or off-campus in a designated work environment. Students work with an instructor or mentor that guides the student experience. Student reflection is an important element of these courses. Course is augmented by the learning management system (LMS).

(ON) Online: Class is entirely online with no real-time expectations. Course is augmented by the learning management system (LMS).

(RH) Remote Hybrid: Class will have some live real-time remotely delivered meetings at pre-determined times and some on-line components. Percentage of on-line versus remote-real time can vary by class. There is no scheduled in person attendance. Course is augmented by the learning management system (LMS).

(RM) Remote Real-Time: Class will be taught in real-time, with 100% remote delivery at pre-determined times. There is no scheduled in person attendance. Class will be 100% real-time live meetings delivered remotely via technology. Course is augmented by the learning management system (LMS).

(WC) WebCast: On-site student meetings with on-site or remote instruction by use of technology. Course is augmented by the learning management system (LMS).

(C) CCCOnline Course: Students at CNCC have the option to complete coursework with CCCOnline. Courses with CCCOnline are delivered in an LMS and it is up to the student to check in regularly with the instructor. Student completion of coursework is not monitored by CNCC, and there are no set times for students to “meet” during the course. Students that are highly motivated are most likely to succeed in these courses. For details about CCCOnline courses, please consult the CCCOnline website at www.ccconline.org.

(CO) CO@ Courses: Students at CNCC can complete coursework by completing CO@ courses offered by other CCCS colleges. Courses with CO@ are delivered in an Learning Management System (LMS) and it is up to the student to check in regularly with the instructor. CNCC does not monitor student completion of coursework, and there are no set times for students to “meet” during the course. Students that are highly motivated are most likely to succeed in these courses. For details about CO@ courses, please review the Course Schedule online at www.cncc.edu.

(R) Rural College Consortium courses: Students at CNCC can complete coursework by completing Rural College Consortium courses offered by other rural colleges in CCCS. Courses with RCC are real-time via WebEx or Zoom provided by the instructor in the Learning Management System . CNCC does not monitor student completion of coursework, and there are set days and times for students to attend during the course. Students that are highly motivated are most likely to succeed in these courses. Please review the Course Schedule online at for details about RCC courses here https://www.cncc.edu/academics/course-schedules.

Credit Hour Policy

Background and Scope:
Colorado Northwestern Community College offers classes on a semester system:

- Fall and spring semesters consist of a minimum of 15 weeks, plus one week for exams.
- Special sessions within fall and spring, as well as summer sessions, are typically less than 15 weeks and must adhere to the policy in terms of contact hours and the amount of work required.

The faculty and program administrators are responsible for developing, maintaining and evaluating the curriculum within an academic program, although college requirements must still be met. Assignment of credit hours for courses are determined within the program based on content and course learning objectives.

This operational policy provides relevant definitions and descriptions of credit and contact hour requirements for various course types and delivery methods used at Colorado Northwestern Community College (CNCC). Any Staff and Faulty involved with curriculum development and course scheduling must adhere to the policy described in the document below.

Definitions:

A. **Federal Credit Hour:** "A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:
   1) one hour of classroom or direct faculty instruction and a minimum of two hours of out-of- class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or
   2) at least an equivalent amount of work as required in paragraph (1) of this definition for other activities as established by an institution, including laboratory work, internships, practical, studio work, and other academic work leading to the award of credit hours." 34CFR 600.2 (https:// https://fsapartners.ed.gov/sites/default/files/attachments/dpcletters/GEN1106.pdf) downloaded February 18, 2022.

B. **Higher Learning Commission (HLC) Policy – Assignment of Credits, Program Length, and Tuition:** "Assignment of Credit Hours. The institution's assignment and award of credit hours shall conform to commonly accepted practices in higher education. Those institutions seeking, or participating in, Title IV federal financial aid, shall demonstrate that they have policies determining the credit hours awarded to courses and programs in keeping with commonly-accepted practices and with the federal definition of the credit hour, as reproduced herein for reference only, and that institutions also have procedures that result in an appropriate awarding of institutional credit in conformity with the policies established by the institution." FDCR.A.10.020 (https://www.hlcommission.org/Policies/assignment-of-credits.html) downloaded February 18, 2022.

C. **Colorado Commission on Higher Education (CCHE) Base Contact Hour:** Since 1985, CCHE and institutions of higher education have established criteria for assigning credit hour values to courses. The typical relationship between base contact hours, credit hours, and types of faculty involvement are provided starting on page 7 of the CCHE FTE Reporting Guidelines (https://highered.colorado.gov/publications/policies/Current/v-partb-Guidelines.pdf) downloaded February 18, 2022.

   "Base Contact Hour: The faculty base contact hour represents a standard measurement of consumption of faculty resources by students. It consists of the number of scheduled minutes of instructional activity involving direct contact of faculty with students in a given term utilizing a particular method of instruction." The standard measurement for a faculty Base Contact Hour for a semester system term is: One base contact hour = a minimum of 750 minutes. This translates to a minimum of fifteen 50-minute hours per semester.

CNCC Course Type and Contact Hour Requirements:
The following table summarizes the minimum contact hour requirements for instruction as designated by schedule type code in banner. The standard measurement of class time is a contact hour which is the equivalent of 50 minutes of instruction (teaching time). For example, a 3 credit lecture (LEC schedule type) course must have 45 contact hours or 2250 minutes of instruction over the duration of the course.

Associate Degrees and Certificates

Course Type	Schedule Type Code (Banner)	Definition	Minimum Base Contact Hour	Ratio of Base Contact Hour to Credit Hours
CLINICAL	**CLI or CL2 or OCL**	Participation in client and client-related services that are an integral part of an academic program. Clinical / practical instruction occurs in an appropriate setting and involves work with clients who receive professional services from students serving under the direct supervision of a faculty member and/or approved professional member of the agency staff. There is regular consultation with the faculty member.	30 contact hours = 1 credit	2:1
INDEPENDENT STUDY	**IND or OIS**	Faculty and student negotiate an individualized plan of study including student projects and other activities with minimal faculty associated direction. The variation in contact hours relates to the type of class. Lecture Independent study classes are a 1:1 ratio, however, CTE Lecture/Lab Combos are 1.5:1.	15 contact hours = 1 credit Or 22.5 contact hours = 1 credit	1:1 Or 1.5:1
INTERNSHIP	**INT or OIN**	Applied and supervised learning experiences in business and industry environments that offer professional-level experience and responsibility following a negotiated and/or directed plan of study.	45 contact hours = 1 credit	3:1
LAB	**LAB or OLA**	Instructional activities conducted by faculty which require student participation, experimentation, observation, or practice. This portion of the course has no lecture component.	30 contact hours = 1 credit	2:1
LECTURE	**LEC or OLE**	Formal presentation /communication by faculty. Faculty responsible for delivery and discussion of learning material and related instructional activities.	15 contact hours = 1 credit	1:1
CTE LEC/LAB	**LLB or OLL**	Instructional activities involving training for employment with an active faculty teaching role. Lecture and lab activities occur during the same meeting times.	22.5 contact hours = 1 credit	1.5:1
PHYSICAL EDUCATION	**PED or OPE**	Participation in or the performance of some form of physical activity. Knowledge associated with the proper performance of the activity is presented.	30 contact hours = 1 credit	2:1
PRIVATE INSTRUCTION	**PRI or OPI**	Formal presentation in a one-to-one relationship between student and instructor.	7.5 contact hours = 1 credit	0.5:1
STUDIO MUSIC	**SMU or OSM**	Bands, ensembles, music labs, and the like conducted by faculty.	37.5 contact hours = 1 credit	2.5:1
STUDIO ART	**STU or OSA**	Lab-type activities conducted by faculty (e.g., painting, sculpture, theatrical productions, etc.)	30 contact hours = 1 credit	2:1

Scheduling Breaks:

In order to allow appropriate breaks for students and faculty in longer classes while meeting required contact hours, a break of up to 15 minutes is added for each 120 minutes (2 hours) of consecutive class time. The timing of breaks is up to the instructor.
Examples:

- Classes meeting 120 – 239 minutes = 15 minutes of break time will be scheduled
- Classes meeting 240 – 359 minutes = 30 minutes of break time will be scheduled
- Classes meeting 360 – 480 minutes = 45 minutes of break time will be scheduled47 Page 7 of 8 INST-27 – CONTACT-TO-CREDIT-HOUR
- Classes meeting over 480 minutes = 60 minutes of break time will be scheduled

Examples of Contact Hour Conversion to Credit Hour:

- Lecture
  - 15 contact hours in banner = 1 credit hour
  - That is a ratio of 1:1
  - In actual time, that is 12.5 hours, or 750 minutes.
  - That means, if a class meets for 75 minutes twice a week for fifteen weeks:
    - 75x2 = 150x15 = 2,250 minutes total instruction time
    - 2,250/750 = 3 credits.
- Academic Lab
  - 30 contact hours in banner = 1 credit hour
  - That is a ratio of 2:1
  - In actual time, that is 25 hours, or 1,500 minutes.
  - That means, if a class meets for 200 minutes once a week for fifteen weeks:
    - 200x1 = 200x15 = 3,000 minutes total instruction time
    - 3,000/1,500 = 2 credits

Class Format and Delivery Methods:
* Instructional method includes Banner code

- CE - Continuing Education
  - EAB Display: Not Displayed
  - Student Experience: Code is reserved for non-credit courses, students take these courses through their college continuing education, community education, and/or work force development office and do not receive academic credit.
- CL - Classroom Based
  - EAB Display: <u>On Campus: In-person</u>
  - Student Experience: Class meetings are on-site and in-person.
  - Note: This mode is Traditional/Face-to-Face
- CB - Competency Based
  - EAB Display: <u>Competency Based</u>
  - Student Experience: Student's will have a fixed amount of time to meet specific competencies before receiving credit for the class.
  - Note: This mode is Self-paced
- HF - HyFlex
  - EAB Display: <u>Live: Remote or In-person</u>
  - Student Experience: A highly flexible experience where the course is delivered entirely remotely in real-time, entirely in person in real-time, or a combination of the two.
- HL - HyFlex with Lab
  - EAB Display: <u>Live: Remote or In-person With In-person Lab</u>
  - Student Experience: A highly flexible experience where the course is delivered entirely remotely in real-time, entirely in-person in real-time, or a combination of the two.
  - Lab will require in-person attendance.
- HY - Hybrid
  - EAB Display: <u>Hybrid</u>

- Student Experience: Class will have some live in-person components, and some on-line components. Percentage of on-line versus in-person can vary by class.

- ON - Online
  - EAB Display: Online
  - Student Experience: Class is entirely online with no real-time expectations.

- RH - Remote Hybrid
  - EAB Display: Live: Remote/Online Hybrid
  - Student Experience: Class will have some live real-time remotely delivered meetings at pre-determined times and some on-line components. Percentage of on-line versus remote-real time can vary by class. There is no scheduled in person attendance.
- RM - Remote Real-Time
  - EAB Display: Live: Remote Only
  - Student Experience: Class will be taught in real-time, with 100% remote delivery at pre-determined times. There is no scheduled in person attendance. Class will be 100% real-time live meetings delivered remotely via technology.
- WC - WebCast
  - EAB Display: Global Delivery
  - Student Experience: On-site student meetings with on-site or remote instruction by use of technology.

- 34CFR 600.2 (https://fsapartners.ed.gov/sites/default/files/attachments/dpcletters/GEN1106.pdf) downloaded February 18, 2022.
- CCHE FTE Reporting Guidelines (https://highered.colorado.gov/publications/policies/Current/v-partb-Guidelines.pdf). Version 2019, effective July 1, 2019. downloaded February 18, 2022
- Colorado Commission on Higher Education (CCHE) FTE Reporting Guidelines (https://highered.colorado.gov/publications/policies/Current/v-partb-Guidelines.pdf) downloaded February 18, 2022
- FDCR.A.10.020 (https://www.hlcommission.org/Policies/assignment-of-credits.html) downloaded February 18, 2022.

Final Examinations

Final examinations are given in most courses, and students are responsible for taking all assigned final examinations as they are listed in the examination schedule. Final examinations will not be given in advance of the scheduled time.

Independent Study Policy

Application for Independent Study should be completed by the student and the instructor and approved by the appropriate Dean of Academic Affairs or the Senior Vice President of Academic Affairs **prior to the beginning of the semester** during which the proposed project will be brought to completion. The following conditions apply:

1. Approvals will be based on
   a. the student's course load;
   b. the student's grade point average;
   c. availability of other courses from the same category;
   d. assessment of the student's ability to successfully complete the course; and
   e. extenuating circumstances necessitating the independent study request.
2. A maximum of 12 credit hours may be earned by independent study.
3. Independent study courses shall be completed within the term for which the student registered.

Prior Learning Assessment (PLA)

The PLA addressed in this procedure is defined as knowledge or skills that have been attained outside the traditional academic environment and that have not been previously evaluated for and awarded college credit.

Procedure:

- **Standards for Awarding PLA Credit**
  - PLA Credit is not awarded for experience, but rather for college level learning which entails knowledge, skills and competencies that students have obtained as a result of their prior learning experiences.
  - Once a student has been admitted to the College and has chosen a program of study, the student becomes eligible for PLA Credit.
  - Academic credit will be awarded only for those courses directly applicable to the student's declared program as outlined in college publications.
  - A student may use PLA Credit to fulfill any degree, certificate or graduation requirement, but a mandatory 25% of credits must be earned at the College that will confer the degree or certificate.
  - All work assessed for PLA Credit must meet or exceed "C" level work. Minimum cut-off scores on standardized tests are set at "C" level work.
  - PLA Credit will be assessed by faculty subject matter experts as determined by the College
- **Methods for Awarding PLA Credit:** Approved methods available for awarding PLA Credit include: Standardized Tests, Institutional Challenge Examinations, Published Guides, Portfolios and successful completion of a CCCS approved Colorado Department of Corrections CTE certificate program.
  - **Standardized Tests**
    - National standardized tests such as The College Board College Level Examination Program (CLEP), both general and subject examinations; Advanced Placement Program (AP); and International Baccalaureate (IB) programs.
    - DSST Exams (formerly known as DANTES Exams); UExcel Exams (formerly known as Excelsior College Examinations); and other nationally recognized industry testing, training, licensing or certification programs.
    - To receive college credit, students who take any standardized test must request that their scores be sent directly to the CNCC Records Office. There is no charge for CNCC to evaluate standardized test results for credit.
    - Only one Standardized Test or Institutional Challenge Examination for a particular course will be permitted during any one semester.
  - **Institutional Challenge Examinations**
    - Institutionally approved examinations, such as objective tests, essays, and oral, hands-on or simulated demonstrations will be used to evaluate the student's competencies specific to the course being challenged.
    - Institutional challenge examinations are the equivalent of a comprehensive final examination for the course being challenged.
    - The cost for Institutional Challenge Examinations is $45 per credit hour.
    - Only one Standardized Test or Institutional Challenge Examination for a particular course will be permitted during any one semester.
  - **Published Guides**: The System accepts credit recommendations for both military and industry evaluated training programs and credentials from the following local and nationally recognized entities.
    - Educational Experience in the Armed Services as documented on the Joint Services Transcript (JST): The credit recommendations of the American Council on Education (ACE), as published in *The Guide to the Evaluation of Educational Experiences in the Armed Services*, will be used to evaluate military training and learning experiences.
    - ACE Workforce Training as documented on the ACE Transcript: National Guide to College Credit for Workforce Training.
    - Workforce and other Non-Accredited Training as documented on The National College Credit Recommendations Service (NCCRS) transcript. In the event of conflicting credit recommendations between the ACE and NCCRS organizations for the same training or credential, the ACE recommendations will take precedence.
    - Faculty Evaluated Local Industry and Workplace Training: Individual colleges may use information obtained through their own prior learning assessment evaluations for local industry and training programs. As appropriate, these evaluations should be shared with other colleges to support students moving around the state.
    - To receive college credit based upon Published Guides, students must request that the transcripts be sent directly to the CNCC Admissions and Records Office. There is no charge for CNCC to evaluate credit from published guides.
  - **Certificates/Licensure**:
    - The cost for evaluation of certificates or licensure brought in for credit is a $75 flat fee.

- **Portfolios:** Knowledge and skills acquired through work and life experiences may be validated through a formal portfolio assessment process.
    - Development of Portfolio
        - Upon request from a student, each College will provide a course, workshop, or orientation session designed to assist students in identifying, describing and documenting skills and knowledge gained through prior learning experiences. Each College will also provide, upon request, more detailed information regarding the required format of the portfolio. When developing their portfolios, students must address each of the evaluative criteria delineated below:
            - The learning must be demonstrable and verifiable;
            - The learning content must have both theoretical and applied components;
            - The learning must be college level;
            - The learning must be currently applicable to the student's certificate or degree requirements; and
            - The learning must be equivalent to the competencies of a specific course or courses.
    - Evaluation of Portfolio
        - Evaluation of the portfolio will be conducted by subject matter expert(s), designated by the System or College.
        - The portfolio work must be evaluated as "C" level or above and contain evidence of proficiency in the competencies in the course(s), in order to award academic credit.
        - The evaluator should be prepared to produce documentation to defend the evaluation, including rubrics and notes. No partial credit will be awarded.
        - The student may appeal the evaluation decision according to the appeal process outlined in the CCCS PLA Credit Manual. Colleges are responsible for developing the process and publicizing information to students.
        - Only one portfolio evaluation for a particular course will be permitted during any one semester. The cost for a portfolio evaluation is $65 per credit hour.
- **Transfer of Credit**
    - Within the System: PLA Credit must be accepted for transfer amongst all colleges, provided that the credits apply to a degree or certificate program at the institution the student is entering.
    - To State Colleges and Universities: Transfer guides and articulation agreements shall include information on the transfer of PLA Credit as stipulated in the Colorado Commission on Higher Education (CCHE) Policy and General Procedures for Transfer.
- **PLA Credit Crosswalk Matrix**
    - The System Chancellor or designee shall be responsible for maintaining and updating a comprehensive PLA Credit Crosswalk Matrix document for recognized Standardized Test, Published Guide and Faculty Evaluated Local Industry and Workplace Training crosswalks, which have been assessed by CCCS faculty and found to be equivalent to CNCC's courses. These assessments must meet all evaluation criteria outlined in the CCCS PLA Credit Manual. Requests for revision should be made to the System Chancellor or designee.
- **Colorado Department of Corrections**
    - A student who completes coursework at a Colorado Department of Corrections facility may transfer any career and technical postsecondary course credits with a grade of "C" or better earned, while enrolled in the approved program. These eligible career/technical credits may be applied to the requirements of a program leading to a certificate or to an Associate of Applied Science or an Associate of General Studies degree at a Community College within CCCS. Transfer is limited to Career and Technical (CTE) coursework.
    - Post-Secondary credits accepted in transfer from the Colorado Department of Corrections must come from a State Board for Community Colleges and Occupational Education (SBCCOE) approved CTE certificate program and be instructed by CCCS credentialed faculty.
    - An annual review of Department of Correction programs will be completed by the CCCS Chief Academic Officer/Provost or their designee.
- **Military Education and Training**
    - Each College will provide active duty and veteran military students with specific guidance to help them select a program of study that optimizes the use of their prior learning assessment credit toward a degree or certificate completion.
- **Additional Provisions**
    - Posting of Credit: A student may apply for PLA Credit at any time, as long as the student is admitted and has identified a program of study to which the PLA Credit will apply.

- FTE Considerations: Credits awarded for prior learning will not be counted for FTE enrollments or state entitlement.
- Records and Transcripts: Official transcripts shall designate all PLA Credit awarded. Such credit shall be identified by specific course, number of semester credit hours, and PLA Credit method of award. No letter grades will be posted for PLA Credit. All documentation used as a basis for PLA Credit awarded will be maintained by the college consistent with institutional policies on record retention.
- Cost: Colleges may charge assessment fees to the student based on the method of assessment and as determined in the PLA Credit Cost Matrix in the CCCS PLA Credit Manual.
  The evaluation fee to be charged shall not exceed 50% of the standard tuition rate per credit.
- Students should be given the information necessary to understand that PLA Credit fees are non-refundable, even if the student fails to earn credit.
- Students should be given the information necessary to understand that requests for re-evaluation will be charged at the same rate as first time assessments.

Classification of Students

Freshman:	Student with fewer than 30 passing semester hours of college credit.
Sophomore:	Student with 30 or more passing semester hours of college credit.
Full-time Student:	Student carrying 12 or more semester hours of credit during a semester.
Part-time Student:	Student carrying fewer than 12 semester hours of credit during a semester.

Grading System:

Grades are earned in each course, and the grade is recorded on the student's permanent record. Grade definitions are as follows:

A…….Superior (4 grade points per credit earned)
B……..Good (3 grade points per credit earned)
C……..Average (2 grade points per credit earned)
D……..Poor (1 grade point per credit earned)
F……..Failure (0 grade points per credit earned)
W…….Withdrawal (not computed in grade point average)
AD…….Administrative Drop (not computed in grade point average)
WX……..Administrative Withdrawal Appeal/No Fault (not computed in grade point average)
WD……..Administrative Withdrawal Other/Cause (not computed in grade point average)
I……Incomplete (not computed in grade point average)
P……..Pass C or better (not computed in grade point average, but included in hours earned)
F……..Fail Below C (not computed in grade point average, and not included in hours earned
P/A……..Passing Developmental A Level
P/B……..Passing Developmental B Level
P/C……..Passing Developmental C Level
F/D……..Not Passing Developmental D Level
F/F..……Not Passing Developmental F Level
I/F……..Incomplete Development Incomplete
AU……..Audit (not computed in grade point average)
R…….Repeat
Z…….Grade not yet reported
SP……..Satisfactory Progress

I - Incomplete — A temporary grade granted in light of an emergency situation, which has prevented the student from completing all requirements of the course on time. It is the responsibility of the student to document/verify the factors that have delayed their progress. To be assigned an "I" for the semester, the student must have completed 75 percent of the requirements of the course or show reasonable evidence that he/she can complete the remaining requirements through independent study. After careful consideration of the circumstances, the instructor will assign a date by which the remainder of the student's work must be completed in order to earn credit for the course. (The student must negotiate the conditions of the Incomplete with the instructor BEFORE the end of the term of the course.) Otherwise, the requirements of the course must be completed no later than the end of the next 16-week semester. Alternatively, if the instructor perceives that the intervening factors make it likely that the student will not be able to complete the course requirements within the time frame allowed, the instructor may petition the Senior Vice President of Academic Affairs

to grant the student a late withdrawal from the course instead of an Incomplete. In this event, the student may later re-enroll in the course and complete the work in a normal sequence. However, once an Incomplete has been granted, a late withdraw cannot be requested. An Incomplete Form must be completed and signed by the student, the Instructor, and the appropriate Dean of Academics or Senior Vice President of Academic Affairs and submitted to the Admissions and Records Office prior to the last day of the semester.

S – Satisfactory

Satisfactory (S) indicates passing in a course taken for pass-fail. A grade of (S) will not affect the overall grade point average, but will increase the total number of credit hours completed. An (S) grade in all CNCC courses represents a performance in the course equal to a C or higher.

Full-time students at CNCC are permitted one pass-fail option per semester on a non-cumulative basis. These can be applied only to elective courses and **DO NOT apply to the Associate of Arts or Associate of Science degrees**. Intent to exercise this option must be declared before the add/drop period has expired. Changes from the pass-fail to the standard letter-grading system can be effected only upon approval of a petition directed to the Senior Vice President of Academic Affairs.

AU - Audit

Indicates the student has audited the course for self-enrichment or to visit the class periodically as a method of reviewing subject matter. The "AU" is placed on the student's permanent record; however, it is not computed in the student's grade point average or credits attempted/completed.

Changes "to" or "from" audit status must be made during the registration or add/drop period. The withdrawal procedures apply to audit students; however, the student is not required to regularly attend the class or be evaluated, although regular class attendance and participation is encouraged to assure maximum benefit from the audit experience.

All degree-seeking students, whether full- or part-time, are advised not to take courses on an audit basis as they are not applied towards degree requirements and are not considered as credit hours attempted for financial aid purposes.

W – Withdrawal

Indicates that a student dropped a course after the first fifteen percent of the course, but prior to the first eighty percent of the course. A grade of "W" is not computed in the student's grade point average, but is posted on the student's official transcript.

Computation of Grade Point Average (GPA)

A three-credit course with a grade of "A" would earn 12 grade points (3 credit hours times 4 quality points). Total grade points accumulated by a student are divided by total credits attempted (excluding W, P, and I grades) to calculate a student's cumulative GPA. Grades awarded for developmental courses will not be included in a student's GPA.

Repeating Courses

All students taking credit bearing courses will be limited in the number of times that they can take the same course.

- Certain courses are exempt from the repeat course procedure due to the nature/offering of the course.
- If a student has taken a course twice or more and attempts to register for the course an additional time, the student will not be able to register for that particular course until an action plan is created and approval granted by the appropriate Dean of Academics . Please note that the student is able to register for other courses without needing an action plan or approval as per college rules and regulations.
- If the appropriate Dean of Academics does not feel that the registration is warranted, the student **may appeal** via the college's designated appeal policy.
- If a student has taken a course three times and wants to register for the course a fourth time, the student **must appeal** to the Senior Vice President of Academic Affairs.

Each registration for the a course and each grade received will be listed on the transcript. On the transcript a notation will follow the course indicating that the course was repeated and designating whether the course will be included in the GPA. The highest grade will be used in the GPA calculation. There will be no limitations on course grades that are eligible for repeat. All credit hours earned for initial and repeated courses will be deducted from a student's remaining COF stipend eligible hours.

"Repeated" courses may be applied only one time to a certificate or degree, except for variable credit courses and designated courses that may be repeated for professional or personal development. Each institution will designate courses that may be "repeated" within program requirements.

Developmental education courses are eligible to be repeated. All developmental education courses will appear on the transcript. Individual colleges may choose to specify a limit for the number of times a developmental education course may be repeated.

Change of Grade

A grade reported to the Admissions and Records Office may be changed upon recommendation of the faculty member issuing the grade and then upon authorization by the Senior Vice President of Academic Affairs.

Grade changes must be reported no later than one semester (not including the summer semester) following completion of the course.

Academic Standing Rules

Academic Progress Standards

During a student's educational experience, CNCC will monitor satisfactory progress through an Academic Alert process. The academic standards apply to all students who have completed nine or more credits in residence. "In residence" refers to courses taken at CNCC. Courses taken elsewhere and transferred in do not apply.

Student Academic Status may be reassigned at any time due to academic or student conduct violations. These changes are based on student history, severity of the violations, and professional programmatic requirements which can vary by the student's course of study. After a finding of violation of the Code of Conduct, restriction of student's privileges for a designated period of time including the probability of more severe disciplinary sanctions if the student is found to be violating any College regulations during the probationary period.

Academic Standing is based on three factors:

1. Student Conduct Violations
2. Academic Integrity Violations
3. Student's Term and Cumulative GPA – (Process Below)

Academic Standing:

Academic Standing describes a student's successful progression with respect to maintaining progress toward their degree or certificate program. Academic Standing applies to all students who have completed 9 or more credits at a CCCS College. Academic Standing shall be applied consistently and uniformly within each College. Colleges will determine Academic Standing following the posting of the majority of term grades for each semester, and academic standing may be recalculated based on late or adjusted grades. For students who have completed fewer than 9 credit hours, the College will monitor satisfactory academic progress through an Academic Alert process. These students are not subject to Academic Standing.

Academic Standing values include the following:

- **"Initial Standing"** – Student has completed fewer than 9 cumulative credit hours with a cumulative GPA greater than or equal to 2.00 for all classes completed.
- **"Academic Alert"** – Student has completed fewer than 9 cumulative credits with a cumulative GPA less than 2.00 for all classes completed.
- **"Good Standing"** – Student has completed at least 9 cumulative credit hours and has a cumulative GPA greater than or equal to 2.00 for all classes completed.
- **"Performance Support"** – Student has completed at least 9 cumulative credit hours and has a cumulative GPA less than 2.00 for all classes completed. This value was previously referred to as "Academic Probation."
    - By the conclusion of the Performance Support term, the student must raise their cumulative GPA to at least 2.00. If this condition is met, the student returns to Good Standing. Otherwise, the student will be Performance Improving or on Academic Suspension as outlined below.
- "**Returning Support**" - Student is returning from Academic Suspension.

    - By the conclusion of the Returning Support term, the student must raise their cumulative GPA to at least 2.00. If this condition is met, the student returns to Good Standing. Otherwise, the student will be Performance Improving or on Academic Suspension as outlined below.
- •"**Performance Improving**" – If a student on Performance Support or Returning Support earns a term GPA of at least 2.00 for all classes completed during the term but fails to raise their cumulative GPA to at least 2.00 for all classes completed, the student will be allowed to attend the next term as Performance Improving. This value was previously referred to as "Probation Continuing."
    - As long as the student continues earning a term GPA of at least 2.00 during each term, they will be permitted to continue attending. The student will remain on Performance Improving until the cumulative GPA is at least 2.00, at which time they will return to Good Standing.
    - If the student does not earn a term GPA of at least 2.00 while on Performance Improving, they will be placed on Academic Suspension.
- "**Academic Suspension**" – If a student on Performance Support, Returning Support or Performance Improving earns a term GPA of less than 2.00 for all classes completed during the term, the student will be suspended and will not be allowed to enroll at the College issuing the suspension for the next term unless an appeal is approved. The student may be dropped from all registered courses for an upcoming term at the College based on the College's procedures.

Academic Suspension:
All academic suspensions are for one term only. If a student who has served a suspension wishes to return, the student will be allowed to re-enroll only after meeting with an Advising and Retention Specialist. The student will be placed on Returning Support for their return semester. Students suspended from one College are not suspended from other Colleges within the System.

Appeals Process:
Students placed on Academic Suspension will be notified of their status and given the opportunity to appeal. Students must appeal their suspension based on procedures developed by the College issuing the suspension in order to continue enrolling at that College. Each College's appeal process should incorporate an element where the student demonstrates what has changed and why they will perform better in the future. Appeal consideration will be based on statements and documentation as submitted by the student. College processes for approving or denying appeals must be based upon objective factors.

If the College approves an appeal, appeals for subsequent Academic Suspensions should address why the student was unsuccessful on the prior appeal, and what additional measures have been taken to ensure success.

If the student's suspension appeal is approved, the student will be placed on Performance Support.

If the student's suspension appeal is not approved, the student may be dropped from all courses registered for in upcoming terms at the College, based on the College's procedures.

Academic Renewal:
In order to help CCCS students achieve success, returning students may request a one-time academic renewal from a CCCS College where up to 30 credit hours of poor academic performance may be excluded from their GPA calculation. The following procedures apply to applications for academic renewal:

- Students must wait a minimum of two academic years from the last term being considered for academic renewal.
- Students must be enrolled and have completed at least 6 hours with a 2.00 term GPA to be awarded academic renewal. For a Reverse Transfer Degree only, the student may fulfill this requirement by demonstrating enrollment in at least 6 credit hours with a 2.00 term GPA during the last semester of attendance at the four-year institution.
- A maximum of 30 credit hours can be excluded from the GPA.
- Grades approved for academic renewal remain on the transcript but are excluded from the GPA calculations.
- Academic renewal applies to D and F grades only.
- Students can only apply for academic renewal once, and if awarded, it is not reversible.

Notwithstanding the above procedures, a CCCS College may automatically grant academic renewal for students through the statewide Colorado Reverse Transfer Program if the student's four-year institution data shows they have been successfully progressing, and granting academic renewal will result in the awarding of an Associate's degree.

NOTE: Federal and state financial aid eligibility rules require all attempted credits be included when determining the length of time to completion. Therefore, coursework excluded as part of the Academic Renewal is included when calculating financial aid eligibility.

Revising this Procedure
CCCS reserves the right to change any provision or requirement of this procedure at any time and the change shall become effective immediately.

NOTE: Academic appeals are different from Financial Aid appeals. Please contact the financial aid office regarding Financial Aid appeals.

Expulsion

Expulsion from the college shall mean that the student is not allowed to enroll for any classes at the college for four semesters, including the summer semester. Expelled students wishing to re-enter the College must make application for readmission and will be readmitted at the discretion of the Vice President of Student Services.

Academic Distinction Lists

Any student who completes 12 or more credit hours (not including developmental courses) in one semester and earns a term GPA of 4.0 will be placed on the President's Academic Distinction List.
Any student who completes 12 or more credit hours (not including developmental courses) in one semester and earns a term GPA of 3.75 to 3.99 will be placed on the Vice President's Academic Distinction List. Any student who completes 12 or more credit hours (not including developmental courses) in one semester and earns a term GPA of 3.5 to 3.74 will be placed on the Dean's List.

Recalculation of Grade Point Average

A student who re-enrolls at CNCC after an absence of two of more years may petition the Senior Vice President of Academic Affairs to have their cumulative hours recalculated. The petitioning student must be enrolled and have completed at least 6 hours with a 2.0 minimum GPA. Up to 30 credits can be excluded from the GPA. If the petition is approved, the student resumes his/her academic program and begins with a new cumulative grade point average. All courses taken will remain on the permanent record, but only courses with marks of "A", "B", or "C" will be allowed toward degree requirements and count in the total hours earned.

Transcripts

The Records Office will send a transcript of credits to other collegiate institutions or outside agencies through an online request process. T order official transcripts, please visit https://cncc.edu/transcriptrequest Official transcripts cost between $3.00 and $37.00 depending on the delivery method.

The transfer of academic credit to the college is governed by the following policies and procedures:

1. Transfer credits will be accepted from regionally accredited institutions. Credits taken within 15 years of admission to CNCC will be accepted unless restricted by program requirements. Credits taken more than 15 years prior to admission will be evaluated for transferability on a course-by-course basis.
2. Courses accepted in transfer MUST match the content and meet or exceed the rigor of the accepting institution as determined by the professional judgment of the Transfer Evaluator or Department Chair.
3. Transfer credit is accepted as specified by legislated and Colorado Community College System (CCCS) articulation agreements.
4. Transcripts will be evaluated for course relevant to the student's selected degree/plan of study at the time of the evaluation. If the student changes majors transcripts can be requested to be re-evaluated upon completion of the Change of Major.
5. The college may examine credits to insure that the content is not outdated or obsolete.
6. Courses will be evaluated against the Colorado Common Course Numbering System (CCCNS) Catalog.
7. The official transcript will include courses taken at the institution and those transfer credits requested by the student.
8. Courses will be transcribed with CCCNS course number, title, prefix and the number of credits awarded by the transferring institution.
9. Grades for transfer courses will be recorded, but will not show on the official transcript or be reflected in the student's GPA.

10. Pre-requisite courses below the 100 level will not be accepted in transfer, but will be noted in the student's academic record.
11. A grade of "C", "P", "S" or better is required for transfer. Transfer credit will not be awarded for courses with "D", "F" or "U" grades. Individual colleges may choose to grant an exception to this rule and accept transfer courses with a grade of "D" on a case-by-case basis.
12. Transfer courses that have the GT (Guaranteed Transfer) designation will be flagged as GT courses. If the course is not present in the CCCNS, then it will be transcribed with the prefix GTP for GT-Pathways, the course number 999 and the course title that matches the GT designation, ex., CO1, AH3, MA1, etc.
13. Transfer credits will be awarded as governed by CCHE and State Board policies and System Chancellor procedures.

Transfer Dispute Appeals Process

Students may file an appeal if they feel that coursework was not properly evaluated.

1. Student should contact the Transcript Evaluator and/or the Registrar to request clarification within 15 calendar days of the date of the evaluation notification.
2. The appeal must be submitted to the Registrar in writing within 15 calendar days of the date of the evaluation notification.
3. The decisions regarding course transferability and/or placement made in the initial transcript evaluation will be binding if the student fails to file a written appeal within 15 calendar days.
4. The Transfer Credit Appeal Committee, composed of the program director, appropriate Dean of Academics, and outside faculty member will have 30 calendar days to review the student's appeal and inform the student in writing of the committee's decision on the appeal including the rationale for that decision. In addition, the student shall be informed in writing of the appeal process.
5. The student is informed by the committee of the remaining appeal options. Failure to do so will result in the committee's decision being considered null and void. The student's request prevails and cannot be overturned by the college.

Appeals beyond the initial decision should be made in writing to the Senior Vice President of Academic Affairs, within 15 calendar days of the postmark date of the letter notifying the student of the committee's decision. If the student fails to file an appeal within this time period, the original or initial decision shall be binding. The college will hear and reach a decision on the appeal within 15 calendar days after the appeal is filed. Next, the student will be notified in writing by the college of its decision regarding the transfer appeal and the rationale for the decision. In addition, the student may appeal the decision to CCCS.

Academic Integrity

The foundation of a college is truth and knowledge, each of which relies in a fundamental manner upon academic integrity, which is diminished significantly by academic dishonesty. A pervasive attitude promoting academic integrity enhances the sense of community and adds value to the educational process. All at CNCC are responsible for and affected by the cooperative commitment to academic integrity.

CNCC considers academic dishonesty to be a serious offense, which will be dealt with by appropriate disciplinary action.

Cheating

The word "cheating" refers to the acts of giving, utilizing, or receiving unpermitted aid during examinations or in the preparation of homework, reports, or any other class work that the instructor will use as a basis for evaluation. The following are some specific examples of cheating; however, these examples are not necessarily the only forms of cheating. Students are cheating if:

- They prepare, prior to an exam, written information, which they then use during the exam without the instructor's knowledge or permission.
- They obtain from or give to another student any unpermitted information during an exam or while preparing class work.
- They change the answers on an exam or an assignment after it has been returned, and then ask the instructor to re-grade that exam or assignment.
- They have another person prepare reports or take exams for them.
- They turn in, as their own, written assignments or reports that have been either purchased or borrowed from another source (e.g., Artificial Intelligence, Equation Solvers, and other assistive technology not approved by the

instructor or college administration).

Plagiarism

The word “plagiarism” refers to the use of another person’s work or the work of an Artificial Intelligence (AI) without giving proper credit to that person. When copying verbatim (i.e., words, phrases, sentences, or entire passages) or paraphrasing another person’s work or the work of an Artificial Intelligence (AI) (i.e., borrowing but rewording that person’s or AI’s facts, opinion, or ideas), a student must give proper credit through the use of appropriate documentation.

Actions Taken Against Academic Dishonesty

If an instructor detects an act of academic dishonesty, the following actions will be taken:

1. The instructor will meet individually with the student to discuss the incident. If the incident involved “cheating” as defined in the Course Catalog the instructor will discuss this with the student and how to avoid another cheating incident in the future. If the incident involved “plagiarism” the instructor will ensure the student understands how to give proper credit using appropriate documentation to avoid a future incident.
2. The instructor will have the opportunity to award a grade appropriate to the incident.
3. The instructor will send written notification to the appropriate Dean of Academics along with all documentation supporting the claim of academic dishonesty as it relates to “cheating” and “plagiarism” in the Course Catalog.
4. The appropriate Dean of Academics will have an intervention conversation with the student to discuss the incident and how to avoid a second incident. Dean of Academics and student will fill out the Academic Success Plan form.

Should the appropriate Dean of Academics receive notification for a violation of academic integrity (from the same course or from any other CNCC course in which the student is enrolled), the following actions will be taken in addition to the above actions:

1. The instructor will award a zero for the assignment or exam.
2. The student will be placed on disciplinary notice and will remain on disciplinary status for the remainder of their enrollment at CNCC.
3. The student will be required to meet personally with the Senior Vice President of Academic Affairs or designee to discuss the seriousness of academic dishonesty and consequences for further violations.
4. The student will be prohibited from dropping or withdrawing from the course to avoid a failing grade resulting from an academic dishonesty sanction. Written notification will be sent to the Registrar prohibiting such action.

Should the appropriate Dean of Academics receive a second notification for a violation of academic integrity (from the same course or from any other CNCC course in which the student is enrolled), the following actions will be taken:

1. The student will immediately be suspended from the college for one academic year. The Vice President of Student Service will personally meet with the student and present a written letter of suspension
2. The student will receive a grade of “F” in the course for which he or she has been reported for dishonesty and a grade of “WD” Administrative Withdrawal for all other courses in which the student is enrolled. A copy of the Vice President’s letter will be sent to the Registrar, and the letter will be maintained in the student’s permanent student file.

Applying for Re-Admission after Suspension for Academic Dishonesty:

A student wishing to reapply to CNCC after being suspended for academic dishonesty will be required to write a letter to the Senior Vice President of Academic Affairs indicating a desire to be readmitted. The letter should include information or verification that supports the student’s commitment to academic integrity should he or she be readmitted. The Senior Vice President of Academic Affairs will notify the student in writing of his or her decision to readmit and send a copy of the letter to the Registrar. A meeting with the Senior Vice President of Academic Affairs will be required upon the student’s return to set the expectations and requirements of the SVPAA for the student allowed back into CNCC.

Academic Appeals Procedure

The purpose of the academic appeals procedure outlined below is to secure equitable solutions to problems of an academic nature that affect a student’s academic progress.

Timelines for Submission of an Appeal:

- All academic appeals must be submitted in a timely fashion. Formal academic actions (suspension, dishonesty policy sanctions etc.) must be filed within **ten days** of notification to the student.
- Final grade appeals must be initiated by the student within **thirty calendar days** of the awarding of the grade.

Academic Appeal Process:

1. The student will meet with the instructor and attempt to resolve the problem.
2. If a resolution cannot be reached between the student and the instructor, the student may request to meet with the instructor and the program director. An attempt will be made to reach an acceptable resolution.
3. If the issue is not resolved with the instructor and the program director, the student may submit a written statement to the Senior Vice President of Academic Affairs describing the exact nature of the complaint and the remedy the student is seeking. The written appeal must be submitted within the specified timelines noted above.
4. The Senior Vice President of Academic Affairs will review the statement and, at his or her discretion, reach a decision or convene an administrative hearing. If the SVPAA deems it necessary to convene an administrative hearing, appropriate committee members will be selected by the SVPSAA based on the nature of the appeal. The student and the instructor may submit to the hearing committee written statements by other individuals having information regarding the complaint. The committee may request a personal meeting with the student, the faculty member or others as appropriate.
5. Following either the decision of the Senior Vice President of Academic Affairs or the administrative hearing, both student and instructor will receive written notification of the decision within ten calendar days.
6. If the appeal is approved a meeting with the Senior Vice President of Academic Affairs will be required upon the student's return to set the expectations and requirements of the VPI for the student allowed back into CNCC.

Petition for Review:

Subsequent to the appeals decision by the Vice President of Instruction the student may submit a written request to the President for review of the proceedings. The Petition for Review must be submitted within ten calendar days of the notification of the initial decision. Failure to meet the ten-day deadline will result in the initial decision made by the Vice President of Instruction and Vice President of Student Affairs as being final and not subject to additional review.

NOTE: Appeals/grievances of a non-academic nature are filed with the Vice President of Student Services in accordance with current student grievance procedures.

Assessment of New Student Learning

CNCC believes it is important to assess students' progress toward achieving their learning goals. Reviewing student assessment results helps college faculty and administration make changes that help improve teaching, learning, and student satisfaction. CNCC has identified four general education outcomes as priorities: 1) To equip students with skills necessary for creative problem solving, critical thinking, and analysis of values; 2) To equip students with the communication skills necessary for effective listening, speaking, reading, and writing; 3) To equip students with the knowledge and skill necessary to function in a diverse society and workplace as appropriate to the specific discipline; 4) To equip students with the necessary technical skills to succeed in today and tomorrow's workforce as appropriate to the specific discipline. Each instructor constructs assessment goals for specific classes that measure student progress towards the four key outcomes. These assessment goals are evaluated each semester by the instructor and at the departmental level to ensure the highest possible quality of instruction and student learning at CNCC.

Student Bill of Rights

The General Assembly implemented the Student Bill of Rights (C.R.S. 23-1-125) to assure that students enrolled in public institutions of higher education have the following rights:

- A quality general education experience that develops competencies in reading, writing, mathematics, technology, and critical thinking through an integrated arts and science experience.
- Students should be able to complete their Associate of Arts or Associate of Science degree programs in no more than sixty credit hours or their baccalaureate programs in no more than one hundred twenty credit hours, unless there are additional degree requirements recognized by the commission.
- A student can sign a two-year or four-year graduation agreement that formalizes a plan for that student to obtain a degree in two or four years, unless there are additional degree requirements recognized by the commission.

- Students have a right to clear and concise information concerning which courses must be completed successfully to complete their degrees.
- Students have a right to know which courses are transferable among the state public two- and four-year institutions of higher education.
- Students, upon successful completion of core general education courses, should have those courses satisfy the core course requirements of all Colorado public institutions of higher education.
- Students have a right to know if courses from one or more public higher education institutions satisfy the student's graduation requirements.

A student's credit for the completion of the core requirements and core courses shall not expire for ten years from the date of initial enrollment and shall be transferable.

Graduation Requirements

CNCC grants the degrees of Bachelor of Applied Science, Associate of Arts, Associate of Science, Associate of Applied Science, Associate of General Studies, and the Certificate of Completion. Students must meet degree/certificate requirements outlined in the College Catalog, maintain a minimum cumulative grade point average of 2.0 on all work attempted at CNCC, and maintain a minimum cumulative grade point average of 2.0 in all courses to be applied to the certificate or degree. Students desiring to obtain multiple degrees from CNCC (example – an AA and an AS), must have 12 unique credits applied to each degree. Certain programs may require higher standards on coursework applicable to the degree. Such requirements can be obtained from the appropriate Program Director or the Senior Vice President of Academic Affairs. Students should consult with their advisor for specific requirements for each of the degrees. To be awarded ~~a~~an Bachelor Degree, minimum of 25% of the total credit hours required or a minimum of 30 credit hours (whichever is less) must be completed at CNCC; and to be awarded an Associate Degree or Certificate of Completion, a minimum of 25% of the total credit hours required or a minimum of 15 credit hours, whichever is less, must be completed at CNCC. For certificates requiring less than 15 credits, 50% of the total credit hours required must be completed at CNCC.

Students planning to graduate must file a Graduation Application with the Admissions and Records Office. The applications must be filed during the registration period of the semester in which the student intends to graduate.

Graduation Honors

Graduation Honors recognizes outstanding academic achievement throughout a student's academic career at the home institution. The honors are awarded to students who complete the requirements for an associate degree or certificate and have completed at least 60 credits, 15 of which must be completed at CNCC and earn a 3.5 or better cumulative grade point average at the institution. Only college-level courses completed at the institution will be included in the GPA calculation.

The three levels of recognition are defined as follows and will be posted on the student's transcript –

Cum Laude ("with honor")	3.50 to 3.749	Cumulative GPA
Magna Cum Laude ("with great honor")	3.75 to 3.99	Cumulative GPA
Summa Cum Laude ("with highest honor")	4.0	Cumulative GPA

ACADEMIC PROGRAMS

CNCC Philosophy of General Education

General education at CNCC seeks to assist students in obtaining the knowledge, skills, and attitudes that enhance quality of life and the ability to function effectively in an ever-changing society. To meet this goal, all CNCC students, vocational and liberal arts, full-time and part-time, are provided with a variety of educational experiences, both inside and outside the classroom.

CNCC aims to:

- To equip students with skills necessary for creative problem solving, critical thinking, and analysis of values.
- To equip students with the communication skills necessary for effective listening, speaking, reading, and writing.

- To equip students with the knowledge and skills necessary to function in a diverse society and workplace as appropriate to the specific discipline.

- To equip students with the technical skills necessary to succeed in today and tomorrow's workforce as appropriate to the specific discipline.

CNCC offers academic programs that are designed to transfer on to a four-year institution and career and technical education that prepares students for the workforce. Consult your advisor for which might be the best fit for you.

Career & Technical Education (CTE)

CTE at CNCC seeks to assist students in gaining knowledge, skills, and attitudes that promote occupational competence and the ability to function effectively in the workplace. To meet this goal, students are provided with a variety of educational experiences inside and outside of the classroom

For the student who wishes to gain employment skills, CNCC offers Associate of Applied Science Degrees and Certificates of Completion. Designed primarily for the student who wishes to go to work immediately, these programs may allow transferability of partial credit to a four-year college or university.
Occupational programs are developed in accordance with the needs of business, industry, and professions. Program Advisory Committees, consisting of leaders in enterprises related to these curricula, advise college staff on the availability of jobs, desired job skills, appropriate course content, and the facilities and equipment needed for effective job training. As additional needs of the workplace are identified, new programs will be developed and current programs will be revised to meet these emerging needs.

Professional Licensure and Certification Disclosure

There are different professional licensure and certification requirements for every state or territory. On our website, CNCC discloses our programs and whether they meet the educational components for licensure or certification unless it is otherwise noted. There may be additional licensure or certification requirements to meet. These requirements may include professional examinations, fingerprinting requirements, background checks, or years of work experience. CNCC's determinations do not address that unless it is otherwise noted. Students who are thinking about an academic program that may include professional licensure or certification in their state or territory are strongly encouraged to contact their state board or licensing agency to seek guidance and to obtain the additional information they will need before beginning a program outside of their state.

CNCC reviews and updates the licensure and certification information each year. Students should be aware that state and territory licensure and certification requirements are subject to change. The program may initially meet the educational requirements for licensure or certification but changes in requirements could impact the program's ability to meet any new requirements. CNCC recommends that students check with their state agency or board to confirm if the program will meet licensure and certification requirements.

ACCOUNTING
Associate of Applied Science
Accounting

Credits	General Education Requirements- 15 Credits	Course Number
	Written Communication – 3 Credits	
3	**English Composition I**	**ENG 1021**
3	Mathematics – 3 Credits	
	College Algebra (MAT 1340) or Higher	**MAT 1340 or higher**
6	Social & Behavioral Science – 6 Credits	
	Principles of Macroeconomics	**ECO 2001**
	Principles of Microeconomics	**ECO 2002**
3	**Choose one additional course (3 Credits)**	
	One three-credit course class from one of the following Arts & Humanities, History, Social & Behavioral Sciences, Natural & Physical Sciences categories: GT-AH1, GT-AH2, GT-AH3, GT-AH4, GT-HI1, GT-SS2, GT-SS3, GT-SS1, GT-SS2, GT-SS3, GT-SC1, GT-SC1, and GT-SC2.	
33	Specialized Course Requirements- 33 Credits	
4	Accounting Principles I	ACC 1021
4	Accounting Principles II	ACC 1022
3	Income Tax	ACC 1031
4	Intermediate Accounting I	ACC 2011
3	Cost Accounting	ACC 2026
3	Introduction to Business	BUS 1015
3	Legal Environment of Business	BUS 2016
3	Business Communications/Report Writing	BUS 2017
3	Computerized Accounting	ACC 1025
3	Internship	ACC 2080
12	Electives- Choose 12 Credits	
3	Payroll Accounting	ACC 1015
4	Intermediate Accounting II	ACC 2012
3	Governmental and Not-for-Profit Accounting	ACC 2016
3	Cost Accounting II	ACC 2026
3	Business Statistics	BUS 2026
3	Introduction to PC Applications	CIS 1018
3	Principles of Management	MAN 2026
3	Principles of Marketing	MAR 2016
3	Fundamentals of Accounting	ACC 1001
60	**Total Required Credit Hours**	

This program is financial aid eligible.
Pathways courses are indicated in **BOLD** print

Occupational Certificate
Accounting

Credits	Specialized Course Requirements	Course Number
4	Accounting Principles I	ACC 1021
4	Accounting Principles II	ACC 1022
3	Payroll Accounting	ACC 1015
3	Introduction to Business	BUS 1015
3	Introduction to PC Applications	CIS 1018
3	Computerized Accounting	ACC 1025
3	Internship	ACC 2080
23	**Total Required Credit Hours**	

This program is financial aid eligible.

APPLIED TECHNOLOGY
Associate of Applied Science
Applied Technology

Credits	General Education Requirements- 16 Credits	Course Number
3	Written Communication – 3 Credits **ENG 1021 English Composition I,** ENG 1031 or higher	**ENG** ___
3	Mathematics – 3 Credits Career Math or higher	MAT 1140 or higher
3	Oral Communication – 3 Credits (choose 1 course) COM 1150 Public Speaking	COM 1150
3	Natural & Physical Science – 3 Credits Any GT Pathways SC1 or SC2 course	
3	Social and Behavioral Science – 3 credits (choose 1 course) Any GT Pathways SS1, SS2, or SS3 course Electives Transfer up to 45 credits from Area Technical College* coursework completed with a "C" or better grade. If a student has earned less than the minimum of 45 CTE credits, approved elective courses at the community college will be required to reach the necessary credits for completion of the degree.	
60	Total Required Credit Hours gtPathways courses are indicated in BOLD print	

* This program is based on a statewide articulation agreement that allows **Area Technical Colleges (AVS) graduates** to transfer up to 45 credits to the community college toward the completion of an AAS degree in Applied Technology. Program requires the completion of an additional 15-18 general education courses at the community college.

This program is financial aid eligible.
gtPathways courses are indicated in **BOLD** print

AUTOMOTIVE
Associate of Applied Science
Automotive Technician

Credits	General Education Requirements- 15 Credits	Course Number
3	**English Composition I**	**ENG 1021**
3	Career Math (1140) or higher	MAT 1140 or +
3	Public Speaking (COM 1150) or Interpersonal Communications (COM 1250)	COM _____
3	Introduction to PC Applications	CIS 1018
	Other Courses – 3 Credits	
3	Introduction to Business	BUS 1015
	Specialized Course Requirements- 52 Credits	
2	Introduction to the Automotive Shop	ASE 1002
2	Auto Maintenance I	ASE 1003
2	Auto Brakes I	ASE 1010
2	Auto Brakes II	ASE 1011
2	Basic Auto Electricity	ASE 1020
1	Auto Electrical Safety Systems	ASE 1022
2	Starting, & Charging Systems	ASE 1023
2	General Engine Diagnosis	ASE 1030
2	Auto Fuel & Emissions Systems I	ASE 1034
2	Steering & Suspension I	ASE 1040
2	Suspension & Steering II	ASE 1041
2	Man Drive Train & Axle	ASE 1050
2	Manual Transmissions/Transaxles/Clutches I	ASE 1051
2	Auto Engine Repair	ASE 1060
2	Auto Engine Service	ASE 1062
1	Laboratory Experience I	ASE 1070
1	Laboratory Experience II	ASE 1071
2	Auto Power/ABS Brake System	ASE 2010
4	Auto/Diesel Body Electrical	ASE 2021
2	Auto Computer & Ignition Systems	ASE 2031
2	Drivability & Diagnosis	ASE 2035
1	Automatic Transmission/Transaxle Service	ASE 2050
3	Auto Trans/Transaxle Repair	ASE 2051
1	Introduction to HVAC Systems	ASE 2064
1	Cooperative Education	ASE 2087
4	Intro to HVAC Systems	ASE 2065
1	Internship	ASE 1080
1	Cooperative Education	ASE 2087
67	Total Required Credit Hours	

This program is financial aid eligible. gtPathways courses are indicated in **BOLD** print

Occupational Certificate
Automotive Maintenance and Light Repair

Credits	Specialized Course Requirements- 26 Credits	Course Number
2	Introduction to the Automotive Shop	ASE 1002
2	Auto Maintenance I	ASE 1003
2	Brakes I	ASE 1010
2	Auto Brakes II	ASE 1011
2	Basic Auto Electricity	ASE 1020
1	Auto Electrical Safety Systems	ASE 1022
2	Starting & Charging Systems	ASE 1023
2	Steering & Suspension I	ASE 1040
2	Manual Drive Train & Axle Maintenance	ASE 1050
4	Auto/Diesel Body Electrical	ASE 2021
1	Automatic Transmission/Transaxle Service	ASE 2050
2	General Engine Diagnosis	ASE 1030
1	Laboratory Experience I	ASE 1070
1	Laboratory Experience II	ASE 1071
26	Total Required Credit Hours	

This program is financial aid eligible.

Occupational Certificate
Automotive Service Technician

Credits	Specialized Course Requirements- 26 Credits	Course Number
2	Auto Fuel and Emissions Systems I	ASE 1034
2	Manual Trans/Transaxles and Clutches	ASE 1051
2	Auto Engine Repair	ASE 1060
2	Auto Engine Service	ASE 1062
2	Auto Power/ABS Brake Systems	ASE 2010
2	Drivability and Diagnosis	ASE 2035
2	Auto Computer and Ignition Systems	ASE 2031
2	Suspension and Steering I	ASE 1041
3	Auto Trans/Transaxle Repair	ASE 2051
1	Intro to HVAC Systems	ASE 2064
4	HVAC Systems	ASE 2065
1	Cooperative Education	ASE 2087
1	Internship	ASE 1080
26	Total Required Credit Hours	

This program is financial aid eligible.

Occupational Certificate
Master Automotive Service Technician

Credits	Specialized Course Requirements- 18 Credits	Course Number
2	Manual Trans/Transaxles and Clutches II	ASE 1052
3	Engine Repair and Rebuild	ASE 1061
4	Auto Fuel Injection/Emissions	ASE 2033
2	Specialized Electronics Train	ASE 2020
2	Suspension and Steering III	ASE 2040
4	Advanced Drivability/Diagnosis/Repair	ASE 2036
1	Cooperative Education	ASE 2087
18	Total Required Credit Hours	

This program is financial aid eligible.

AVIATION
Associate of Applied Science
Aviation Maintenance Technology

Credits	General Education Requirements- 15 Credits	Course Number
3	Small Business Management or College Algebra	MAN 2016 or MAT 1340
	Written Communication – 3 Credits (Choose 1 Course)	
3	**English Composition I** or Technical Writing	**ENG 1021 or** 1031
	Oral Communication – 3 Credits	
3	Public Speaking	COM 1150
	Social & Behavioral Sciences – 6 Credits (Choose 2 Courses)	
3	**Principles of Macroeconomics**	**ECO 2001**
3	**American Government**	**PSC 1011**
3	**General Psychology**	**PSY 1001**
3	Human Relations	PSY 1004
3	**Introduction to Sociology**	**SOC 1001**
	Specialized Course Requirements- 89 Credits	
4	A&P Preparation	AMT 1001
4	Basic Electrics	AMT 1002
2	Weight & Balance/Ground Handling	AMT 1003
3	Regulations & Publications	AMT 1004
6	Materials & Processes	AMT 1005
2	Corrosion Control & Fluid Lines	AMT 1006
2	Wood, Fabric & Finishes	AMT 1011
6	Sheet Metal	AMT 1012
1	Aircraft Welding	AMT 1013
3	Assembly, Rigging & Inspection	AMT 1014
2	Composite Construction	AMT 1015
3	Hydraulic Systems	AMT 1021
4	Aircraft Electrics	AMT 1022
2	Instruments & Warning Systems	AMT 1023
2	Fuel Systems	AMT 1024
3	Miscellaneous Systems	AMT 1025
3	Aviation Electronics	AMT 1026
3	Landing Gear Systems	AMT 1027
4	Reciprocating Engine Theory	AMT 2001
3	Reciprocating Fuel Metering & Induction Systems	AMT 2002
2	Reciprocating Ignition Systems	AMT 2003
4	Reciprocating Engine Maintenance	AMT 2005
2	Reciprocating Propeller Systems	AMT 2006
2	Engine Electrics & Instrument Systems	AMT 2007
4	Turbine Engine Theory	AMT 2011
2	Turbine Fuel Systems	AMT 2012
3	Miscellaneous Turbine Systems	AMT 2013
4	Turbine Engine Maintenance	AMT 2015
1	Turbine Propeller Systems	AMT 2016
3	Trouble Shooting	AMT2018
104	**Total Required Credit Hours**	

This program is financial aid eligible. gtPathways courses are indicated in **BOLD** print

Occupational Certificate
Aviation Maintenance Technology

Credits	Specialized Course Requirements- 89 Credits	Course Number
4	P & P Preparation	AMT 1001
4	Basic Electrics	AMT 1002
2	Weight & Balance/Ground Handling	AMT 1003
3	Regulations & Publications	AMT 1004
6	Materials & Processes	AMT 1005
2	Corrosion Control & Fluid Lines	AMT 1006
2	Wood, Fabric & Finishes	AMT 1011
6	Sheet Metal	AMT 1012
1	Aircraft Welding	AMT 1013
3	Assembly, Rigging & Inspection	AMT 1014
2	Composite Construction	AMT 1015
3	Hydraulic Systems	AMT 1021
4	Aircraft Electrics	AMT 1022
2	Instruments & Warning Systems	AMT 1023
2	Fuel Systems	AMT 1024
3	Miscellaneous Systems	AMT 1025
3	Aviation Electronics	AMT 1026
3	Landing Gear Systems	AMT 1027
4	Reciprocating Engine Theory	AMT 2001
3	Reciprocating Fuel Metering & Induction Systems	AMT 2002
2	Reciprocating Ignition Systems	AMT 2003
4	Reciprocating Engine Maintenance	AMT 2005
2	Reciprocating Propeller Systems	AMT 2006
2	Engine Electrics & Instrument Systems	AMT 2007
4	Turbine Engine Theory	AMT 2011
2	Turbine Fuel Systems	AMT 2012
3	Miscellaneous Turbine Systems	AMT 2013
4	Turbine Engine Maintenance	AMT 2015
1	Turbine Propeller Systems	AMT 2016
3	Trouble Shooting	AMT 2018
89	**Total Required Credits**	

This program is financial aid eligible.

Occupational Certificate
Aviation Maintenance Technology - Airframe

Credits	Specialized Course Requirements- 34 Credits	Course Number
2	Wood, Fabric & Finishes	AMT 1011
6	Sheet Metal	AMT 1012
1	Aircraft Welding	AMT 1013
3	Assembly, Rigging & Inspection	AMT 1014
2	Composite Construction	AMT 1015
3	Hydraulic Systems	AMT 1021
4	Aircraft Electrics	AMT 1022
2	Instruments & Warning Systems	AMT 1023
2	Fuel Systems	AMT 1024
3	Miscellaneous Systems	AMT 1025
3	Aviation Electronics	AMT 1026
3	Landing Gear Systems	AMT 1027
34	Total Required Credits	

This program is financial aid eligible.

Occupational Certificate
Aviation Maintenance Technology – Powerplant

Credits	Specialized Course Requirements- 34 Credits	Course Number
4	Reciprocating Engine Theory	AMT 2001
3	Reciprocating Fuel Metering & Induction Systems	AMT 2002
2	Reciprocating Ignition Systems	AMT 2003
4	Reciprocating Engine Maintenance	AMT 2005
2	Reciprocating Propeller Systems	AMT 2006
2	Engine Electrics & Instrument Systems	AMT 2007
4	Turbine Engine Theory	AMT 2011
2	Turbine Fuel Systems	AMT 2012
3	Miscellaneous Turbine Systems	AMT 2013
4	Turbine Engine Maintenance	AMT 2015
1	Turbine Propeller Systems	AMT 2016
3	Trouble Shooting	AMT 2018
34	Total Required Credits	

This program is financial aid eligible.

Associate of Applied Science
Aviation Technology-Airplane*

Credits	General Education Requirements- 15 Credits	Course Number
6	Written Communication – 6 Credits	
	English Composition I	**ENG 1021**
	English Composition II	**ENG 1022**
3	Oral Communication – 3 Credits	
	Public Speaking or Interpersonal Communications	COM ____
3	Mathematics – 3 Credits	
	Career Math or higher	MAT _____
3	Social & Behavioral Sciences – 3 Credits	
	Any PSY or SOC Course	
	Specialized Course Requirements- 44 Credits	
3	Aviation Heritage	AVT 1000
4	Private Pilot Ground School	AVT 1001
4	Aviation Meteorology	AVT 1005
3	Aviation Physiology	AVT 1010
4	Instrument Pilot Ground School	AVT 1011
4	Private Pilot Flight	AVT 1002
4	Instrument Pilot Flight	AVT 1012
4	Aircraft Systems A & P	AVT 1042
2	Commercial Pilot Ground School	AVT 2001
3	Commercial Pilot Flight I	AVT 2002
4	Commercial Pilot Flight II	AVT 2003
2	Fundamentals of Instruction	AVT 2011
2	Flight Instructor Ground School	AVT 2012
1	Flight Instructor Flight	AVT 2013
3	Electives—Choose 3 credits in AVT or UAS	
62	**Total Required Credits**	

This program is financial aid eligible.

Occupational Certificate
Aviation Technology*

Credits	Specialized Course Requirements- 36 Credits	Course Number
4	Private Pilot Ground School	AVT 1001
4	Private Pilot Flight	AVT 1002
4	Aviation Meteorology	AVT 1005
4	Instrument Pilot Ground School	AVT 1011
4	Instrument Pilot Flight	AVT 1012
2	Commercial Pilot Ground School	AVT 2001
3	Commercial Pilot Flight I	AVT 2002
4	Commercial Pilot Flight II	AVT 2003
1	Crew Resource Management	AVT 2006
2	Fundamentals of Instruction	AVT 2011
2	Flight Instructor Ground School	AVT 2012
2	Instrument Instructor Ground School	AVT 2021
	Electives- Choose 3 Credit	
3	Any AVT or UAS	_____
39	**Total Required Credits**	

This program is financial aid eligible.

Occupational Certificate
Private Pilot

Credits	Specialized Course Requirements- 8 Credits	Course Number
4	Private Pilot Ground School	AVT 1001
4	Private Pilot Flight	AVT 1002
8	**Total Required Credits**	

This program is NOT financial aid eligible.
**For a complete schedule of Aviation Flight Program costs, please see Appendix "A" in the back of this catalog.*

Occupational Certificate
Single Engine Instrument Rating*

Prerequisite: 50 hours of cross-county flight time as pilot in command, of which at least 10 hours must be in airplanes or be enrolled in a Part 141 Instrument/Commercial course.

Credits	Specialized Course Requirements- 8 Credits	Course Number
4	Instrument Pilot Ground School	AVT 1011
4	Instrument Pilot Flight	AVT 1012
8	**Total Required Credits**	

This program is NOT financial aid eligible.
** For a complete schedule of Aviation Flight Program costs, please see Appendix "A" in the back of this catalog.*

Occupational Certificate
Single Engine Commercial Pilot*

Prerequisite: Private Pilot's license with Instrument Rating

Credits	Specialized Course Requirements- 9 Credits	Course Number
2	Commercial Pilot Ground School	AVT 2001
3	Commercial Flight I	AVT 2002
4	Commercial Flight II	AVT 2003
9	**Total Required Credits**	

This program is NOT financial aid eligible.
**For a complete schedule of Aviation Flight Program costs, please see Appendix "A" in the back of this catalog*

Occupational Certificate
Single Engine Flight Instructor*

Prerequisite: Commercial Certificate with Instrument Rating

Credits	Specialized Course Requirements- 5 Credits	Course Number
2	Fundamentals of Instruction	AVT 2011
2	Flight Instructor Ground School	AVT 2012
1	Flight Instructor Flight	AVT 2013
5	**Total Required Credits**	

This program is NOT financial aid eligible.
** For a complete schedule of Aviation Flight Program costs, please see Appendix "A" in the back of this catalog.*

BUSINESS
Associate of Applied Science
Business

Credits	General Education Requirements- 19 Credits	Course Number
3	Written Communication – 3 Credits	
	English Composition I	**ENG 1021**
3	Oral Communication – 3 Credits	
	Public Speaking OR Interpersonal Communication	COM 1015,1025
4	Mathematics – 4 Credits	
	College Algebra or higher	**MAT 1340**
3	Arts & Humanities – 3 Credits (Choose 1 from the following)	
	One GT Pathways Arts and Humanities course (GT- AH1, GT-AH2, GT-AH3, GT-AH4)	___ ___
6	Social & Behavioral Sciences – 6 Credits	
	Principles of Macroeconomics	**ECO 2001**
	Principles of Microeconomics	**ECO 2002**
	Specialized Course Requirements -32 Credits	
4	Accounting Principles I	ACC 1021
3	Introduction to Business	BUS 1015
3	Legal Environment of Business	BUS 2016
3	Business Communication/Report Writing	BUS 2017
3	Introduction to PC Application	CIS 1018
3	Introduction to Finance	FIN 1010
1	Time Management	MAN 1017
3	Human Resource Management	MAN 2000
3	Principles of Management	MAN 2026
3	Principles of Marketing	MAR 2016
3	Small Business Management	MAN 2016
	Business Electives – 9 Credits	
4	Accounting Principles II	ACC 1022
3	Customer Service	MAR 1060
3	Business Statistics	BUS 2026
3	Negotiations and Conflict Resolution	MAN 2012
3	Principles of Supervision	MAN 1016
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print

This program is financial aid eligible.

Occupational Certificate
Business Management*

Credits	Specialized Course Requirements – 25 Credits	Course Number
4	Accounting Principles I	ACC 1021
3	Introduction to Business	BUS 1015
3	Legal Environment of Business	BUS 2016
3	Business Communication/Report Writing	BUS 2017
3	Introduction to PC Application	CIS 1018
3	Human Resource Management	MAN 2000
3	Principles of Management	MAN 2026
3	Principles of Marketing	MAR 2016
	Additional Course Requirement – 3 Credits	
3	Internship	BUS 1082
28	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

COSMETOLOGY
Associate of Applied Science
Cosmetology Occupations

Credits	General Education Requirements- 16 Credits	Course Number
3	English – 3 Credits ENG 1010 or higher	ENG ___
3	Mathematics – 3 Credits MAT 1140 or higher	MAT 1140
3	Arts and Humanities Elective – 3 Credits **(Choose 1 Course)** **H1:** **AH2:** **AH3:** **AH4:**	___ ___
3	Social & Behavioral Sciences – 3 Credits **(Choose 1 Course)** **SS1:** **SS2:**	___ ___
4	Natural & Physical Science – 4 Credits (Choose 1 Course) **SC1:** **SC2:**	___ ___
	Specialized Course Requirements- 60 Credits	
1	Shampoos, Rinses, Conditioners I	COS 1003
2	Introduction to Hair Coloring	COS 1010
2	Introduction to Hair Cutting	COS 1020
2	Introduction to Hair Styling	COS 1030
1	Introduction to Chemical Texture	COS 1040
2	Introduction to Disinfection, Sanitation, & Safety	COS 1060
3	Introduction to Facials & Skin Care	EST 1010
2	Intermediate Facials & Skin Care	EST 1011
3	Introduction to Nail Care	NAT 1010
2	Intermediate Nail Care	NAT 1011
2	Intermediate I: Hair Coloring	COS 1011
2	Intermediate I: Hair Cutting	COS 1021
1	Intermediate I: Chemical Texture	COS 1041
1	Laws, Rules, & Regulations	COS 1050
1	Intermediate I: Disinfection, Sanitation, & Safety	COS 1061
2	Advanced Nail Care	NAT 2010
5	Nail Enhancements	NAT 2011
2	Advanced Massage & Skin Care	EST 2010
1	Facial Makeup	EST 2011
3	Hair Removal	EST 2012
2	Intermediate II: Hair Styling	COS 1031
1	Shampoos, Rinses, Conditioners II	COS 2003
2	Intermediate II: Hair Coloring	COS 2010
2	Advanced Hair Coloring	COS 2011
2	Intermediate II: Hair Cutting	COS 2020
2	Advanced Hair Cutting	COS 2021
2	Intermediate II: Hair Styling	COS 2030
1	Advanced Hair Styling	COS 2031

1	Intermediate II: Chemical Texture	COS 2040
1	Advanced Chemical Texture	COS 2041
1	Management, Ethics, Interpersonal Skills, & Sales	COS 2050
2	Intermediate II: Disinfection, Sanitation, & Safety	COS 2060
1	Advanced Disinfection, Sanitation, & Safety	COS 2061
76	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

Occupational Certificate
Cosmetology Occupations-Cosmetology

Credits		Course Number
	Specialized Course Requirements- 60 Credits	
1	Shampoos, Rinses, Conditioners I	COS 1003
2	Introduction to Hair Coloring	COS 1010
2	Introduction to Hair Cutting	COS 1020
2	Introduction to Hair Styling	COS 1030
1	Introduction to Chemical Texture	COS 1040
2	Introduction to Disinfection, Sanitation, & Safety	COS 1060
3	Introduction to Facials & Skin Care	EST 1010
2	Intermediate Facials & Skin Care	EST 1011
3	Introduction to Nail Care	NAT 1010
2	Intermediate Nail Care	NAT 1011
2	Intermediate I: Hair Coloring	COS 1011
2	Intermediate I: Hair Cutting	COS 1021
1	Intermediate I: Chemical Texture	COS 1041
1	Laws, Rules, & Regulations	COS 1050
1	Intermediate I: Disinfection, Sanitation, & Safety	COS 1061
2	Advanced Nail Care	NAT 2010
5	Nail Enhancements	NAT 2011
2	Advanced Massage & Skin Care	EST 2010
1	Facial Make-up	EST 2011
3	Hair Removal	EST 2012
2	Intermediate II: Hair Styling	COS 1031
1	Shampoos, Rinses, Conditioners II	COS 2003
2	Intermediate II: Hair Coloring	COS 2010
2	Advanced Hair Coloring	COS 2011
2	Intermediate II: Hair Cutting	COS 2020
2	Advanced Hair Cutting	COS 2021
2	Intermediate II: Hair Styling	COS 2030
1	Advanced Hair Styling	COS 2031
1	Intermediate II: Chemical Texture	COS 2040
1	Advanced Chemical Texture	COS 2041
1	Management, Ethics, Interpersonal Skills, & Sales	COS 2050
2	Intermediate II: Disinfection, Sanitation, & Safety	COS 2060
1	Advanced Disinfection, Sanitation, & Safety	COS 2061
60	**Total Required Credits**	

Upon successful completion of specialized courses, student may be eligible to register for the Colorado Board of Barber/Cosmetology license examination.

This program is financial aid eligible.

Occupational Certificate
Barbering for the Cosmetologist

Credits	Specialized Course Requirements- 10 Credits	Course Number
1	Introduction/Shaving/Honing/Stropping	BAR 1007
1	Intermediate/Shaving/Honing/Stropping	BAR 1008
3	Intermediate Hair Cutting	BAR 1021
1	Advanced Shaving/Honing/Stropping	BAR 2007
1	Advanced Facial Massage/Skin Care	BAR 2066
1	Laws, Rules and Regulations	COS 1050
2	Intermediate II: Infection Control	COS 2060
10	**Total Credits**	

This program is NOT financial aid eligible.

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CYBERSECURITY
Associate of Applied Science
Cybersecurity

Credits		Course Number
	General Education Requirement	
3	English Composition I	ENG 1021
3	English Composition II or Technical Writing Public Speaking or	ENG 1022, 1031
3	Interpersonal Communication	COM 1015 or !025
3	Intro to Statistics	MAT 1260
3	Intro to Business or Intro to E-Commerce or Legal Environment of Business or Business Statistics	BUS 1015, 1020, 2016 or 1026
	Specialized Course Requirements	
3	System Analysis and Design	CIS 2068
3	Networking Fundamentals	CNG 1001
3	Principles of Information Assurance	CNG 1031
3	Network Security Fundamentals	CNG 1032
3	Practicum	CNG 1088
3	Linux Configuration	CNG 2001
3	Unix/Linux Server Administration	CNG 2002
3	Information Technology Service Management: Framework	CNG 2020
3	Cloud Security and Cyber Law	CNG 2043
3	Vulnerability Assessment I	CNG 2056
3	Network Defense/Countermeasures	CNG 2057
44	Digital Forensics	CNG 2058
3	Enterprise Security	CNG 2059
	Intro to Programming	CSC 1019
3-4	Elective Credits—Choose one Guide to Disaster Recovery (CNG 1036) or Configuring Windows Server (CNG 2012) or Internship (CNG 1080) or A+ Test Prep (CNG 1020)	
62	**Total Required Credits**	

This program is financial aid eligible..

Occupational Certificate
Network and Systems

Credits		Course Number
3	Linux Configuration OS	CNG 2001
3	Networking Fundamentals	CNG 1001
3	Network Security Fundamentals	CNG 1032
3	Guide to IT Disaster Recovery	CNG 1036
3	Unix/Linux Server Administration	CNG 2002
4	Configuring Windows Server	CNG 2012
19	**Total Required Credits**	

This program is financial aid eligible.

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Occupational Certificate
Cybersecurity

Credits		Course Number
3	Systems Analysis and Design	CIS 2068
3	Network Security Fundamentals	CNG 1032
3	Vulnerability Assessment	CNG 2056
3	Network Defense/Countermeasures	CNG 2057
4	Digital Forensics	CNG 2058
4	Enterprise Security	CNG 2059
20	**Total Required Credits**	

This program is financial aid eligible.

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DENTAL HYGIENE
Associate of Applied Science
Dental Hygiene

Credits	GENERAL EDUCATION REQUIREMENTS – 31 Credits	Course Number
4	***Human Anatomy and Physiology I**	**BIO 2101**
4	***Human Anatomy and Physiology II**	**BIO 2102**
3	***English Composition**	**ENG 1021**
3	Public Speaking or Interpersonal Communication	COM 1150, 1250
3	Human Nutrition	HWE 1050
3	**General Psychology**	**PSY 1001**
3	**Introduction to Sociology**	**SOC 1001**
4	***Microbiology**	**BIO 2104**
5-4	***Intro to Chemistry II OR General, Organic & Biochemistry**	**CHE 1012, 1009** *CHE 1009*
	Specialized Course Requirements-60 Credits	
2	Pre-clinical Dental Hygiene Lecture	DEH 1001
3	Pre-clinical Dental Hygiene Care	DEH 1002
3	Dental Anatomy and Histology	DEH 1003
3	Dental Radiology	DEH 1004
2	Dental & Medical Emergencies	DEH 1011
2	Dental Hygiene Clinic Lecture	DEH 1012
2	Preventive Dentistry & Special Needs Patients	DEH 1016
2	Periodontics I	DEH 1022
1	Head & Neck Anatomy	DEH 1023
3	Clinical Practice of Dental Hygiene I	DEH 1070
3	Clinical Practice of Dental Hygiene 1-A	DEH 1071
2	Dental Materials	DEH 1026
2	Applied Pharmacology	DEH 1032
2	Local Anesthesia	DEH 1033
1	Nitrous Oxide/Oxygen Sedation	DEH 1038
2	Clinic II Lecture	DEH 2001
2	Community Dental Health I	DEH 2004
3	General & Oral Pathology	DEH 2013
2	Ethics & Practice Management	DEH 2021
1	Community Dental Health II	DEH 2025
2	Periodontics II	DEH 2042
2	Clinical Theory of Dental Hygiene II	DEH 2068
6	Clinical Practice of Dental Hygiene II	DEH 2070
6	Clinical Practice of Dental Hygiene III	DEH 2071
1	Clinical Theory of Dental Hygiene III	DEH 2085
91	**Total Required Credits**	

*** Program Prerequisites** (See admissions section of catalog.)
** Students must obtain their CPR for Health Professionals card PRIOR to entry into the DEH Program.
gtPathways courses are indicated in **BOLD** print. T*his program is financial aid eligible.*

DENTAL HYGIENE
Bachelor of Applied Science
Dental Hygiene
(online)

Credits	**AAS EDUCATION Prerequisites* – 91 Credits**	Course Number
91	CNCC will transfer in a maximum of 91 credits from an AAS in Dental Hygiene and CODA accredited institution. Should a student have less than 91 credits while still graduating from a CODA Accredited Dental Hygiene program, student will need to take additional general education credits to meet the 91 credit minimum. Please consult your BAS-DH advisor and CNCC Registrar for additional details.	
	Specialized Course Requirements- 29 Credits	
3	Oral Health Promotions	DEH 3026
3	Principles of Conflict Resolution	DEH 3043
3	Dental Hygiene Business Administration	DEH 3047
3	Critical Review of Healthcare Research	HPR 4003
3		
4	Advanced Pharmacology	DEH 4071
3	Diversity & Cultural Research	DEH 4002
3	Capstone: Dental Hygiene	DEH 4089
4	Teaching Methodologies	DEH 4011
3	Communication in Health Care	HPR 3001
120	**Total Required Credits**	

*Students must meet the prerequisites for this program:

- Graduation from a CODA Accredited Dental Hygiene Program.
- Official transcripts from your A.A., A.S., A.A.S., or certificate dental hygiene program, including prerequisite dental hygiene coursework, must be submitted with your application for evaluation and review.

EARLY CHILDHOOD EDUCATION
Associate of Applied Science
Early Childhood Education

Credits	General Education Requirements- 12 Credits	Course Number
3	Written Communication – 3 Credits	
	English Composition I	**ENG 1021**
3	Mathematics – 3 Credits (Choose 1 Course)	
	Career Math or	MAT___
	Math for Liberal Arts or	
	College Algebra	
	Social & Behavioral Sciences – 6 Credits	
3	**General Psychology**	**PSY 1001**
3	**Introduction to Sociology**	**SOC 1001**
	Specialized Course Requirements- 9 Credits	
3	Introduction to Early Childhood Education	ECE 1011
3	Introduction to Early Childhood Lab Techniques	ECE 1045
3	Guidance Strategies for Children	ECE 1031
3	Infant & Toddler Theory & Practice	ECE 1111
3	Nutrition, Health, & Safety	ECE 2051
3	Curriculum Development: Methods & Techniques	ECE 2621
3	Administration of Early Childhood Care & Education Programs	ECE 2401
3	Administration: Human Relations for Early Childhood Education	ECE 2411
3	Exceptional Child	ECE 2601
3	Working with Parents, Families, & Community Systems	ECE 2101
3	Early Childhood Education Practicum	ECE 2088
3	**Child Development**	**ECE 2381**
3	**Public Speaking**	**COM 1150**
	Electives- Choose 9 Credits	
4	Accounting Principles I	ACC 1021
3	Introduction to PC Applications	CIS 1018
3	Business Communication/Report Writing	BUS 2017
2	Art and the Young Child	ECE 1261
3	Language and Cognition for the Young Child (Not changed in CTE)	ECE 2631
3	Special Topics	ECE 1075
3	Creativity and the Young Child	ECE 2641
3	**Sociology of Family Dynamics**	**SOC 2005**
3	**Ethics**	**PHI 1012**
3	**Music Appreciation**	**MUS 1020**
3	Interpersonal Communication	COM 1250
3	**Art Appreciation**	**ART 1110**
3	Conversational Spanish I	SPA 1001
3	Human Nutrition	HWE 1050
60	**Total Required Credits**	

This program is financial aid eligible.

Occupational Certificate
Early Childhood Director

	Specialized Course Requirements- 30 Credits	
3	Introduction to Early Childhood Education	ECE 1011
3	Introduction to Early Childhood Lab Techniques	ECE 1045
3	Guidance Strategies for Children	ECE 1031
3	Infant & Toddler Theory & Practice	ECE 1111
3	**Child Development**	**ECE 2381**
3	Nutrition, Health, & Safety	ECE 2051
3	Curriculum Development: Methods & Techniques	ECE 2621
3	Administration of Early Childhood Care & Education Programs	ECE 2401
3	Administration: Human Relations for Early Childhood Education	ECE 2411
3	Exceptional Child	ECE 2601
30	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

Occupational Certificate
Early Childhood Teacher

Credits	Specialized Course Requirements—18 Credits	Course Number
3	Intro to Early Childhood Education	ECE 1011
3	Introduction to ECE Lab Techniques	ECE 1045
3	Guidance Strategies for Children	ECE 1031
3	Curriculum Development: Methods & Techniques	ECE 2621
3	Exceptional Child	ECE 2601
3	**Child Development**	**ECE 2381**
18	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is NOT financial aid eligible.

Occupational Certificate
Early Childhood Professions – Early Childhood Assistant Teacher

Credits	Specialized Course Requirements- 6 Credits	Course Number
3	Introduction to Early Childhood Education	ECE 1011
3	Infant/Toddler Theory/Practice	ECE 1111
6	**Total Required Credits**	

This program is NOT financial aid eligible.

EQUINE STUDIES
Associate of Applied Science
Equine Studies & Management

Credits		Course Number
	General Education Requirements- 18 Credits	
3	Introduction to PC Application	CIS 1018
3	Written Communication – 3 Credits **English Composition I** or higher	**ENG 1021**
3	Oral Communication – 3 Credits Public Speaking	COM 1115
3	Mathematics – 3 Credits Career Math or higher	MAT ___
3	Social & Behavioral Sciences – 3 Credits **any SS1, SS2 or SS3 course**	_____
3	Business Requirements – 3 Credits AGE 2105 Farm and Ranch Management or BUS 1015 Introduction to Business	_____
	Specialized Course Requirements- 39 Credits	
4	Introduction to Equine Science	ASC 1102
4	Horse Production	EQM 1051
3	Equine Evaluation	EQM 1053
2	Equine Reproduction	EQM 1058
3	Lameness in Horses	EQM 2015
5	Applied Horsemanship	EQT 2053
3	Management Practicum I	EQM 1003
3	Equine Management	EQM 2051
2	Elementary Western Equitation	ASC 1043
2	Intermediate Western Equitation	ASC 2043
1	Introduction to Internship	HTM 2060
7	Internship	EQM 2080
5	Electives- Choose 5 Credits	
5	Outfitting & General Guiding	ADG 1050
2	Elementary English Equitation	ASC 1045
2	Intermediate English Equitation	ASC 2016
3	Equine Evaluation	ASC 2045
2	Ranch Horsemanship Skills	AGP 1060
3	Fundamentals of Riding Instruction	EQT 2000
7	Basic Care & Training	HTM 1052
1	Foal Training	HTM 1055
62	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

Associate of Applied Science
Equine Studies Training & Management

Credits		Course Number
	General Education Requirements- 11 Credits	
3	Introduction to PC Application	CIS 1018
3	Written Communication – 3 Credits **English Composition I** or higher	**ENG 1021**
3	Oral Communication – 3 Credits Public Speaking	COM 1150
3	Mathematics – 3 Credits Career Math or higher	MAT _____
3	Social & Behavioral Sciences – 3 Credits **Any SS1, SS2 or SS3 course**	_____
3	Business Requirements – 3 Credits AGE 2105 Farm and Ranch Management or BUS 1015 Introduction to Business	_____
	Specialized Course Requirements- 46 Credits	
4	Introduction to Equine Science	ASC 1102
4	Horse Production	EQM 1051
3	Equine Evaluation	EQM 1053
2	Equine Reproduction	EQM 1058
3	Lameness in Horses	EQM 2015
5	Applied Horsemanship	EQT 2053
3	Management Practicum I	EQM 1003
3	Equine Management	EQM 2051
4	Fundamentals of Colt Starting	HTM 1051
7	Specialized Training	HTM 2053
1	Introduction to Internship	HTM 2060
7	Internship	HTM 2080
64	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

Occupational Certificate
Equine Studies

Credits		Course Number
	Specialized Course Requirements- 11 Credits	
3	Equine Evaluation	EQM 1053
2	Equine Reproduction	EQM 1058
3	Lameness in Horses	EQM 2015
3	Farm Animal Anatomy & Physiology	ASC 2130
11	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print

Occupational Certificate
Equine Training

Credits		Course Number
	Specialized Course Requirements- 9 Credits	
7	Specialized Training	HTM 2053
2	Colt Starting or Ranch Horsemanship	HTM 1051 or AGP 1060
9	**Total Required Credits**	

Livestock and Ranch Management
Associate of Applied Science
Livestock and Ranch Management

Credits		Course Number
	Written Communication	
3	**English Composition I (1021) or higher**	**ENG** ____
	Mathematics – 3 Credits	
3	Career Math or higher	MAT ___
	Social & Behavioral Sciences	
6	ECO 2001 and AGR 2160	_____
	Additional Requirements	
3	Public Speaking	COM 1015
	Internship	
7	AGP 2080 or AGB 2080	
	Specialized Course Requirements	
3	Introduction to PC Applications	CIS 1018
2	Livestock Practicum	ASC 2188
3	Farm Animal Anatomy & Physiology	ASC 2130
4	Feeds and Feeding	ASC 2125
3	Animal Sciences	ASC 1100
3	Agriculture Marketing	AGE 2110
3	Agricultural Finance	AGE 2108
3	Farm & Ranch Management	AGE 2105
3	Agriculture Economics	AGE 1102
4	Accounting Principles I	ACC 1021
	Electives- Choose 9 Credits ACC 1022, ADG 1050, AGE 2105, AGP 1060, ASC 1043, ASC 2043, ASC 2150, EQM 2053, EQM 1053, EQM 1058, HTM 2053, EQM 2015, HTM 1051, MAT 1260, HLT 1000, RAM 2005, AGR 2024 A Maximum of 3 credit hours from the following: AME, ADE, WEL	
62	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

Occupational Certificate
AGRICULTURAL SCIENCE

Credits	General Education Requirements (9 credits)	Course Number
3	Introduction to PC Applications	CIS 1018
3	Career Communications or Public Speaking	COM 1105, COM 1150
3	Career Math or higher	MAT 1140 or higher

Credits	Specialized Agriculture Requirements (11 credits) **	Course Number
2	Independent Study or Internship	AGB 1080 or AGP 1080 ASC 1085 or AGR 1085

A minimum of six (6) credits (or a maximum of 9) may include:

3	Agriculture Economics (GT-SS1)	AGE 1102
3	Farm and Ranch Management	AGE 2105
3	World Interdependence: Population & Food (GT-SS3)	AGR 2160
4	General Crop Production	AGY 1100
3	Introduction to Animal Science	ASC 1100
4	Introduction to Plant Science	HLT 1000
3	Principles of Range Management	RAM 2005

A maximum of three (3) credits will be applied to certificate and can include:

3	Small Gasoline Engines	ADE 1035
2	Basic Ag. Mechanic Skills	AME 1005
2	General Power Mechanics	AME 1007
3	Farm Carpentry	AME 1018
3	Fundamentals of Welding	AME 1051
3	Agricultural Machinery	AME 1025
2	Livestock Practicum	ASC 2188
1	Safety for Welders	WEL 1000
4	Introduction to Tungsten Arc Welding	WEL 1024
4	Introduction to Gas Metal Arc Welding	WEL 1025
2	Maintenance Welding	WEL 1030

20 **TOTAL CREDITS**

******: Please note that not all agricultural courses are offered. Please check with your advisor to determine what is available at your campus.

gtPathways courses are indicated in **BOLD** print
This program is NOT financial aid eligible.
http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html
https://www.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/.

Occupational Certificate
Animal Management

Credits	General Education Requirements – 18 credits	Course Number
3	Animal Science	ASC 1100
4	Feeds and Feeding	ASC 2125
3	Live Animal/Carcass Evaluation	ASC 2150
3	Farm Animal Anatomy & Physiology	ASC 2130
2	Livestock Practicum	ASC 2188
3	Intro to PC Applications	CIS 1018
18	Total Required Credits	

gtPathways courses are indicated in **BOLD** print
This certificate is Financial Aid eligible

Occupational Certificate
Agriculture Management

Credits	General Education Requirements – 18 credits	Course Number
4	Accounting Principles I	ACC 1021
4	Accounting Principles II	ACC 1022
3	Agriculture Economics	AGE 1102
3	Farm and Ranch Management	AGE 2105
3	Intro to PC Applications	CIS 1018
3	Agricultural Finance	AGE 2108
3	Agriculture Marketing	AGE 2110
23	Total Required Credits	

gtPathways courses are indicated in **BOLD** print
This certificate is Financial Aid eligible

NURSING
Associates of Applied Science
Nursing (ADN)

Credits	General Education Requirements – 29 credits	Course Number
3	***English Composition I**	**ENG1021**
4	***Human Anatomy and Physiology I**	**BIO 2101**
4	***Human Anatomy and Physiology II**	**BIO 2102**
3	***Human Growth and Development**	**PSY 2440**
4	***Microbiology**	**BIO 2104**
3	Math for Clinical Calculations	MAT 1120
1	Dietary Nutrition	HPR 1010
4	Human Pathophysiology	BIO 2116
3	**Arts/Humanities Elective - 3 Credits**	____ ____
	Any GT pathway course in AH1, AH2, AH3, AH4, SS3	
	Specialized Course Requirements – 42.5 credits	
7	Med-Surg Nursing Concepts	NUR 1006
6	Fundamentals of Nursing	NUR 1009
2	Basic Concepts of Pharmacology	NUR 1012
6	Maternal – Child Nursing	NUR 1050
6.5	Advanced Concepts of Medical-Surgical Nursing I	NUR 2006
4	Psychiatric – Mental Health Nursing	NUR 2011
2	Pharmacology II	NUR 2012
5	Advanced Concepts of Medical-Surgical Nursing II	NUR 2016
4	Transition to Professional Nursing Practice	NUR 2030
71.5	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

*** Program prerequisite course** (See Admissions Section of the Catalog)
****Acceptance into the Nursing program is required for enrollment in this program.** (See Admissions Section of the Catalog

Occupational Certificate
Practical Nursing (PN)

Credits	General Education Requirements – 18 credits	Course Number
3	**English Composition I**	**ENG 1021***
3	**Human Growth and Development**	**PSY 2440***
4	**Human Anatomy and Physiology I**	**BIO 2101***
4	**Human Anatomy and Physiology II**	**BIO 2102***
4	**Microbiology**	**BIO 2104***
	Specialized Course Requirements – 25 credits	
6	Fundamentals of Nursing	NUR 1009
2	Basic Concepts of Pharmacology	NUR 1012
7	Medical Surgical Nursing Concepts	NUR 1006
6	Maternal – Child Nursing	NUR 1050
4	Transition into Practical Nursing	NUR 1069
43	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

*** Program prerequisite course.**
****Acceptance into the Nursing program is required for enrollment in this program. See Admissions Section of the Catalog. If a student chooses to exit out of the Nursing AAS program, their Practical Nurse Certificate would not be considered accredited by the Colorado State Board of Nursing.**

Occupational Certificate
Certified Nursing Assistant

Credits		Course Number
	Specialized Course Requirements- 5 Credits	
4	Nurse Aid Health Care Skills	NUA 1001
1	Nurse Assistant Clinical Experience	NUA 1070
5	Total Required Credits	

This program is NOT financial aid eligible.

NATIONAL PARKS SERVICE
Associate of Applied Science
NPS Park Ranger Studies

Credits	General Education Requirements- 18 Credits	Course Number
3	**English Composition I**	**ENG 1021**
3	**English Composition II**	**ENG 1022**
3	**Career Math or Higher**	**MAT ____**
9	**Social & Behavioral Sciences (SS1, SS2, SS3)**	_____
	Recommended: Intro to Sociology (SOC 1001), Sociology of Deviant	_____
	Behavior (SOC 2031), and Social Psychology (PSY 2221)	_____
	Specialized Course Requirements- 33 Credits	
6	Park Ranger Academy I	PRA 1000
11	Park Ranger Academy II	PRA 1001
5	NPS Basic Tactics	PRA 1003
3	Park Ranger Awareness	PRA 1004
5	NPS Firearms	PRA 1005
3	NPS Driving Skills	PRA 1008
9	Elective Requirements – 9 Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max) **(recommendations include: EMS 1015, FSW 1000, FSW 1001, and OUT 1570)**	
60	**Total Required Credit Hours**	

This program is financial aid eligible.

***Acceptance into the CNCC Park Ranger Law Enforcement Academy program is required for completion of this program. See Admissions Section of the Catalog. If a student chooses to exit out of the PRLEA program, they will not receive their NPS Type-2 rating needed for seasonal employment.**

Occupational Certificate
NPS Seasonal Park Ranger Academy

Credits		Course Number
	Specialized Course Requirements- 33 Credits	
6	Park Ranger Academy I	PRA 1000
11	Park Ranger Academy II	PRA 1001
5	NPS Basic Tactics	PRA 1003
3	Park Ranger Fitness Awareness	PRA 1004
5	NPS Firearms	PRA 1005
3	NPS Driving Skills	PRA 1008
33	**Total Required Credits**	

This program is financial aid eligible.

***Acceptance into the CNCC Park Ranger Law Enforcement Academy program is required for completion of this program. See Admissions Section of the Catalog. If a student chooses to exit out of the PRLEA program, they will not receive their NPS Type-2 rating needed for seasonal employment.**

Academic Transfer Programs

Colorado Northwestern offers the Associate of Arts (AA) and the Associate of Science (AS) degrees for the student who wishes to transfer to a baccalaureate-level college or university. Each of the programs fulfills the General Education Core Transfer Program.

Career and transfer opportunities vary according to one's intended major of concentration. Students are encouraged to explore a range of subjects through elective course work in fine arts, behavioral sciences, natural sciences and mathematics, literature, business, and humanities. Students are assisted, through the academic advising program, to realistically assess their goals and aspirations.

GT Pathways

gtPathways is a set of general education courses that the state guarantees to transfer to a public institution in the state of Colorado. The curriculum consists of **31 credit hours** of courses across **5 content areas** - Communications, Mathematics, Natural and Life Sciences, Social and Behavioral Sciences, and Arts and Humanities. The number of credits required in these areas differs with the various degree designations. Details are available on the specific program pages. Receiving institutions shall apply guaranteed general education courses to a student's general education or major requirements. Approved courses in gtPathways are not based on course equivalencies but meet content and competency criteria. Receiving institutions shall apply guaranteed general education courses to a student's general education or major requirements.

The gtPathways Program makes it possible for CNCC students to complete a core of general education curriculum requirements and be guaranteed transfer credit for these classes at Colorado's public four-year colleges and universities. Each Core course must be completed with a grade of "C" or better. Only courses taken after the Colorado Department of Higher Education approval date have transfer guarantees.

Keep in mind that it is always a good idea to check with the school you wish to attend, so you are clear about which credits will transfer beyond any that are guaranteed by the gtPathways transfer program or a statewide articulation agreement.

State approved core courses are indicated by **bold print.** State-approved elective courses are in plain lettering.

Statewide Transfer Articulation Agreements (Degrees with Designation)

The Colorado Community College System has entered into a series of agreements between Colorado's community/junior colleges and Colorado's public four-year colleges and universities of Colorado **(Adams State College, Colorado Mesa University (Mesa State) Colorado State University-Ft Collins, Colorado State University-Pueblo, Fort Lewis College, Metropolitan State College of Denver, University of Colorado at Boulder, University of Colorado at Colorado Springs, University of Colorado Denver, University of Northern Colorado, and Colorado Western State University)** on a guaranteed transfer curriculum. These agreements assure transferability of general education courses among Colorado's public colleges and universities, ensuring access to higher education to students who wish to meet the lower division general education requirements of most baccalaureate degrees at a local community college before continuing at a four-year college or university.

The purpose of statewide transfer articulation agreements is to identify the courses a student at a Colorado public community college must complete as part of an AA/AS degree to be guaranteed the ability to complete the designated baccalaureate degree program at any public four-year college and university that offers that program within the minimum number of credits designated by the Colorado

Commission on Higher Education. For more information about Statewide Transfer Articulation Agreements/Degrees with Designation please visit http://highered.colorado.gov/Academics/Transfers/Students.html

Students should check with a transfer coordinator and/or advisor with the school they wish to attend, so that they are clear about which credits will transfer beyond any that are guaranteed by the guaranteed transfer program or a statewide articulation agreement.

Per 23-1-108 student coursework must be completed within 10 years of receiving their degree with designation from the Colorado community college. Any coursework that exceeds this 10 year requirement and applies to the degree with designation may be evaluated on a course-by-course basis when the student transfers to the 4-year institution.

Part One-Guarantees

Students who complete an AA/AS degree **and** the prescribed curriculum in the articulation agreement **and** are admitted (with no academic deficiencies that require additional coursework) to a receiving institution participating in this agreement are guaranteed the following:

1. Junior standing with no more than 60 remaining credits to meet the graduation requirements for a baccalaureate degree in the degree program covered by this articulation agreement.

2. Completion of the receiving institution's lower division general education requirements as defined by the gtPathways curriculum.

3. The same graduation requirements as students who begin and complete this degree program at the receiving institution.

Part Two-Limitations

Completion of the curriculum prescribed within this statewide articulation agreement does not guarantee admission to a participating receiving institution. Students must meet all admission and application requirements at the receiving institution including the submission of all required documentation by stated deadlines. Please note: students transferring to a University of Colorado institution (Boulder, Colorado Springs, Denver) must satisfy the CU System's MAPS (Minimum Academic Preparation Standards) requirement.

Only courses with grades of C- or higher are guaranteed to transfer.

Admission to a receiving institution does not guarantee enrollment in a specific degree program. Some programs at receiving institutions have controlled entry due either to space limitations or academic requirements.

The credit and course transfer guarantees described in this agreement apply to the specific degree program covered by this agreement. Receiving institutions will evaluate application of the courses designated in this agreement to other degree programs on a course-by-course basis.

Students who wish to use credits awarded by exam, such as AP (Advanced Placement), or IB (International Baccalaureate), to fulfill specific course requirements are responsible for consulting with the transfer institution to determine whether the credits they have been awarded by exam meet the standards of the receiving institution for specific course equivalents.

The receiving institution will accept all applicable credits earned within ten years of transfer to the receiving institution. Credits earned more than ten years earlier will be evaluated on a course-by-course basis.

All the courses a student needs to take in the discipline covered by this Articulation Agreement are listed in the Prescribed Curriculum. **Any additional courses taken in the discipline covered by this Agreement may not count toward the requirements of the major at the receiving institution**. Students can avoid this problem by only taking the courses identified in the Prescribed Curriculum for the discipline or by consulting first with the receiving institution to assure that any additional courses they take in the discipline will count toward the major.

Because of the limitations above, students must consult with the Office of Admissions at the institution to which they are considering transferring. The Transfer Policy of the Colorado Department of Higher Education is available at: http://highered.colorado.gov/Academics/Transfers/Students.html
Any additional limitations will be noted in each Statewide Transfer Articulation Agreement/Degree with Designation.

Transfer Academic Programs, including Degrees with Designation Offered at CNCC

Colorado Northwestern offers the courses necessary to complete the following designations on the campuses indicated:

Associate of Arts Degree (Craig, Rangely, and Online)

- Associate of Arts Degree Designation in Business (Craig, Rangely, and Online)
- Associate of Arts Degree Designation in History (Craig, Rangely, and Online)
- Associate of Arts Degree Designation in Psychology (Craig, Rangely, and Online)
- Associate of Arts Degree Designation in Economics (Craig, Rangely, and Online)
- Associate of Arts Degree Designation in Spanish (Craig, Rangely and Online)
- Associate of Arts Degree Designation in Criminal Justice (Craig, Rangely and Online)
- Associate of Arts Degree Designation in Philosophy (Craig, Rangely and Online)
- Associate of Arts Degree Designation in Anthropology (Craig, Rangely and Online)
- Associate of Arts Degree Designation in Early Childhood Teacher Education (Craig, Rangely and Online)
- Associate of Arts Degree Designation in Elementary Teacher Education (Craig, Rangely and Online)
- Associate of Arts Degree Designation in French (Craig, Rangely and Online)

Associate of Science Degree (Craig, Rangely, and Online)

- Associate of Science Degree Designation in Agricultural Business (Rangely andCraig)
- Associate of Science Degree Designation in Animal Science (Rangely and Craig)
- Associate of Science in Equine Science (Rangely and Craig)
- Associate of Science Degree Designation in Biology (Rangely and Online)
- Associate of Science Degree Designation in Psychology (Craig, Rangely, and Online)
- Associate of Science Degree Designation in Geology (Craig, Rangely and Online)
- Associate of Science Degree Designation in Mathematics (Craig, Rangely and Online)

Plans of study are CNCC recommended coursework designed for students preparing to pursue future education with a specific objective. Plans for the following programs can be found at:
http://cncc.edu/learn-more

- Marine Science and Oceanography
- Paleontology
- Pre-Dental Hygiene
- Pre-Medicine
- Pre-Nursing

Additional Degrees with Designation are available, but will require online course work or transfer credit to complete the degree. These can be found at:
http://highered.colorado.gov/Academics/Transfers/Students.html

Associate of Arts Degree

- Associate of Arts Degree Designation in Anthropology (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in Business (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in Criminal Justice (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in Economics (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in Early Childhood Teacher Education (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in Elementary Teacher Education (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in English (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in French (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in History Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in Philosophy (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in Psychology (Craig and Rangely with online courses required)
- Associate of Arts Degree Designation in Spanish (Craig and Rangely with online courses required)

Associate of Science Degree

- Associate of Science Degree Designation in Agricultural Business (Craig and Rangely with online courses required)
- Associate of Science Degree Designation in Animal Science (Craig and Rangely with online courses required)
- Associate of Science Degree Designation in Biology (Craig and Rangely with online courses required)
- Associate of Science Degree Designation in Equine Science (Craig and Rangely with online courses required)
- Associate of Science Degree Designation in Geology (Craig and Rangely with online courses required)
- Associate of Science Degree Designation in Mathematics (Craig and Rangely with online courses required)
- Associate of Science Degree Designation in Psychology (Craig and Rangely with online courses required)

Transfer Agreements with Other Colleges

On behalf of our many students who wish to pursue advanced degrees, the Colorado Community College System provides additional transfer agreements with four-year institutions that include: , , , , , , Choppin University, Colorado Christian University, Colorado Mesa University, Colorado State University (all campuses), Colorado School of Mines, Colorado Technical University, Columbia College, Emily Griffith Technical College, Fort Lewis College, Metropolitan State University, Northcentral University, National University, Pickens Technical College, Reach University, Technical College of the Rockies, University of Colorado (all campuses), University of Maryland, University of Northern Colorado, , Western Governors University, and Western State Colorado University. These agreements can be accessed at https://www.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/.

Students specifically interested in engineering sciences should work with their advisor to ensure that they are meeting the requirements of the receiving institution. 40year institutions CCCS has engineering agreements with include: Colorado School of Mines (General Engineering), Colorado State University (Mechanical Engineering), Metropolitan State University (Civil, Computer, Electrical, Environmental and Mechanical Engineering), University of Colorado – Boulder (Civil Engineering), and University of Colorado – Colorado Springs (Mechanical Engineering). Please see the transfer agreement page above for the specific pathway requirements.

Institutional Transfer Guides

Colorado Department of Higher Education has created a resource to help community college students planning to transfer to in-state 4-year institutions. These transfer guides will assist students on knowing what to take at CNCC as part of their Associate degree that will transfer and apply to the Bachelor degree

requirements at the 4-year institution. CNCC advisors can assist students with understanding these resources. This resource can be accessed at: https://cdhe.colorado.gov/institutional-transfer-guides .

State Guaranteed General Education Transfer Courses

This is not a comprehensive list of the State Guaranteed General Education Transfer Courses, rather a representation of classes that are either typically offered at CNCC or through online delivery. For a more comprehensive list, please visit:
http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html

In the individual program worksheet, gtPathways courses are indicated in **BOLD** print. State-approved elective courses are in plain lettering.

State Guaranteed General Education Transfer Courses

Communication (CO1, CO2, CO3)

ENG 1021	English Composition I
ENG 1022	English Composition II
ENG 1031	Technical Writing I
ENG 2001	Writing for Public Discourse
HIS 2765	Writing About History

Mathematics (MA1)

MAT 1220	**Integrated Math I**
MAT 1230	**Integrated Math II**
MAT 1240	Mathematics for Liberal Arts
MAT 1340	College Algebra
MAT 1420	Trigonometry
MAT 1320	Finite Mathematics
MAT 1400	Survey of Calculus
MAT 1260	Introduction to Statistics
MAT 1440	Pre-Calculus
MAT 2410	Calculus I
MAT 2420	Calculus II
MAT 2430	Calculus III
MAT 2431	Calculus III with Engineering Apps
MAT 2520	Discrete Mathematics
MAT 2561	Differential Equations w/Eng. Apps
MAT 2561	Differential Equations

Arts & Humanities History/Art and Expression (AH1)

ART 1110	Art Appreciation
ART 1111	Art History Ancient to Medieval
ART 1112	Art History Renaissance to Modern
ART 1113	Art History 1900 to Present
DAN 1050	History of Dance I
MUS 1020	Music Appreciation
MUS 1021	Music History -Medieval - Classical
MUS 1022	Music History-Romantic -Present
MUS 1023	Survey of World Music
MUS 1025	History of Jazz
THE 1005	Theatre Appreciation
THE 1008	Theatre Script Analysis
THE 2011	Dev. of Theatre: Greek-Ren.
THE 2012	Dev. of Theatre: Rest.-Modern
THE 2015	Playwriting

Literature and Humanities (AH2)

HUM 1003	Introduction to Film Art
HUM 1015	World Mythology
HUM 1021	Humanities: Early Civilizations
HUM 1022	Humanities: Medieval - Modern
HUM 1023	Humanities: The Modern World
LIT 1015	Introduction to Literature I
LIT 2001	World Literature to 1600
LIT 2002	World Literature after 1600
LIT 2005	Ethnic Literature
LIT 2011	American Literature to Civil War
LIT 2012	American Lit After Civil War
LIT 2021	British Literature to 1770
LIT 2022	British Literature Since 1770
LIT 2025	Introduction to Shakespeare
LIT 2046	Literature of Women
LIT 2055	Children's Literature
LIT 2058	Latinx Literature
LIT 2059	Survey of African American Lit
LIT 2068	Celtic Literature

Ways of Thinking (AH3)

PHI 1011	Introduction to Philosophy
PHI 1012	Ethics
PHI 1013	Logic
PHI 1014	Comparative Religions
PHI 1015	World Religions West
PHI 1016	World Religions East
PHI 1041	Old Testament
PHI 1042	New Testament
PHI 2005	Business Ethics
PHI 2013	Symbolic Logic
PHI 2014	Philosophy of Religion
PHI 2018	Environmental Ethics
PHI 2020	Philosophy of Death & Dying

Foreign Languages (AH4)

ASL 2221, 2222	American Sign Language IV, V
FRE 2011, 2012	French Language III, IV
GER 2011, 2012	German Language III,IV
ITA 2011, 2012	Italian Language III,IV
JPN 2011, 2012	Japanese Language III,IV
RUS 2011, 2012	Russian Language III,IV
SPA 2011, 2012	Spanish Language III,IV
SPA 2061	Span Lang-Heritage Speakers

History (HI1)

HIS1310	Western Civilization: Antiquity-1650
HIS 1320	Western Civilization: 1650-Present
HIS 1110	The World: Antiquity-1500
HIS1120	The World: 1500-Present
HIS 1210	U.S. History to Reconstruction
HIS 1220	U.S. History Since the Civil War
HIS 2140	Civil War Era in American History
HIS 2005	Women in World History
HIS 2125	American Environmental History
HIS 2115	American Indian History
HIS 2105	Women in U.S. History
HIS 2000	History of Science & Tech
HIS 2135	Colorado History
HIS 2130	History of the American West
HIS 2145	U.S. History Since 1945
HIS 2610	History of Modern China

HIS 2200	History of Latin America
HIS 2210	History of Mexico
HIS 2015	20th Century World History
HIS 2500	History of Islamic Civilization
HIS 2110	African American History
HIS 2310	History of Christianity in the World
HIS 2300	The Middle Ages
HIS 2510	Modern Middle East
HIS 2120	U.S. Foreign Relations History

Social and Behavioral Sciences/Economic or Political Systems (SS1)

AGE 1102	Agriculture Economics
ECO 1001	Economics of Social Issues
ECO 2001	Principles of Macroeconomics
ECO 2002	Principles of Microeconomics
ECO 2011	Gender in the Economy
ECO 2045	Environmental Economics
PSC 2020	Introduction to Political Science
PSC 1011	American Government
PSC 1025	American State and Local Govt
PSC 1050	Current Political Issues
PSC 2005	International Relations
PSC 2025	Comparative Government

Geography (SS2)

GEO 1005	Geography
GEO 1006	Human Geography

Human Behavior, Culture, or Social Frameworks (SS3)

AGR 2160	World Interdependence: Population & Food
ANT 1001	Cultural Anthropology
ANT 1002	Cultural Anthropology Lab
ANT 1003	Introduction to Archaeology
ANT 1004	Archaeology Laboratory
ANT 1006	Physical Anthropology Lab
ANT 1208	Archeology of World Rock Art
ANT 2315	Intro to Forensic Anthropology
ANT 2115	Native Peoples North America
ANT 2125	Anthropology of Religion
ANT 2130	Sex, Gender and Culture II
ANT 2317	Human Prehistory
ANT 2550	Medical Anthropology
COM 1250	Interpersonal Communication
COM 2220	Group Communication
COM 2300	Intercultural Communication
CRJ 1010	Introduction to Criminal Justice
ETH 2000	Introduction to Ethnic Studies
ETH 2015	Discrimination and Diversity
JOU 1005	Introduction to Mass Media
PBH 2015	Intro to Public Health
PSY 1001	General Psychology I
PSY 1002	General Psychology II
PSY 2105	Psychology of Gender
PSY 2107	Human Sexuality
PSY 2221	Social Psychology
PSY 2222	Psychology of Death and Dying
PSY 2331	Positive Psychology
PSY 2440	Human Growth & Development
PSY 2441	Child Development
PSY 2333	Health Psychology
PSY 2552	Abnormal Psychology

PSY 2771	Psychology of Personality
SOC 1001, 1002	Intro to Sociology I, II
SOC 2005	Sociology of Family Dynamics
SOC 2007	Environmental Sociology
SOC 2015	Contemporary Social Problems
SOC 2016	Sociology of Gender
SOC 2018	Sociology of Diversity
SOC 2020	Sociology of Religion
SOC 2031	Sociology of Deviant Behavior
SOC 2037	Sociology of Death and Dying
WST 2000	Intro to Women's Studies
WST 2100	Women and Social Action
WST 2200	Goddess/Women Ancient World
WST 2300	Women's Sexuality

Natural and Physical Sciences (SC1)

AGY 2140	Introductory Soil Science
ANT 1005	Biological Anthropology
ANT 2315	Intro Forensic Anthropology w/Lab
AST 1110	Planetary Astronomy w/Lab
AST 1120	Stellar Astronomy w/Lab
BIO 1004	Biology: A Human Approach
BIO 1005	Science of Biology
BIO 1111	General College Biology I
BIO 1112	General College Biology II
BIO 2102	Anatomy & Physiology I
BIO 2102	Anatomy * Physiology II
BIO 2104	Microbiology
BIO 2108	General College Microbiology
BIO 2120	General Zoology
BIO 2121	Botany
BIO 2124	Genetics
CHE 1011	Introduction to Chemistry I
CHE 1012	Introduction to Chemistry II
CHE 1005	Chemistry in Context
CHE 1111	General College Chemistry I
CHE 1112	General College Chemistry II
ENV 1111	Environmental Science
GEO 1011	Physical Geography-Landforms
GEO 1012	Phys. Geography-Weather, Climate
GEY 1111	Physical Geology w/Lab
GEY 1112	Historical Geology w/Lab
GEY 1135	Environmental Geology
GEY 1155	General Oceanography I
MET 1050	General Meteorology
NRE 2051	General Oceanography w/Lab
PHY 1105	Conceptual Physics w/Lab
PHY 1107	Energy Science and Technology w/Lab
PHY 1111	Physics: Algebra Based I
PHY 1112	Physics: Algebra Based II
PHY 2111	Physics: Calculus Based I
PHY 2112	Physics: Calculus Based II
SCI 1055	Integrated Science I:Physics, Chem
SCI 1056	Integrated Science II: Earth & Life

Natural and Physical Sciences (SC2)

AST 1150	Astrobiology
AST 1140	Astronomy Ancient Cultures
AST 1160	Cosmology
BIO 1003	Prin. of Animal Biology
BIO 1016	Intro to Human Disease

ENV 1010	Natural Disasters
GEO 1060	Global Climate Change
GEY 1108	Geology of US National Parks
SCI 1105	Science in Society

Approved Electives for Associate of Science Degree

Any GT SC1 or SC2 course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below:
ANT, AST, BIO, CHE, ENV, GEY, MAT (1260 or higher), PHY, SCI (1075 or higher)

A Maximum of 8 credit hours from the following:

Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)

Approved Electives for Associate of Arts Degree

Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below:
ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST

A Maximum of 8 credit hours from the following:

Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)

GENERAL EDUCATION AND TRANSFER
Associate of Arts

Credits		Course Number
6	Written Communication (must be gtPathways approved) – 6 Credits **English Composition I and English Composition II** **OR** **English Composition II and a guaranteed transfer CO3 course**	**ENG 1021 &1022** **OR** **ENG 1022 & CO3 class**
3	Mathematics (must be gtPathways approved) – 3 Credits **MA1: Math for Liberal Arts (MAT 1240)** or higher	**MAT**_____
6	Arts & Humanities (must be gtPathways approved) – 6 Credits from **two different areas** **Two GT Pathways Arts & Humanities courses from** two (2) **different categories**	AH _____
3	History (must be gtPathways approved)– 3 Credits One GT Pathways History course (GT-HI1)	**HIS** _____
6	Social & Behavioral Science (must be gtPathways approved) –6 Credits Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	SS _____
	Student Option – Choose 1 Course – 3 Credits Choose one additional gtPathways course from one of the following areas: **AH1,AH2,AH3,AH4,H1,SS1,SS2,SS3**	_____
7	Natural & Physical Science (must be gtPathways approved) – 7 Credits Two GT Pathways Natural & Physical Sciences courses (GT-SC1 or SC2)	SC1 _____ SC _____
29	Electives – 29 Credits **Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below:** ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST A Maximum of 8 credit hours from the following: Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.
https://www.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/.
http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html

Associate of Arts
Anthropology
(Online Classes Required)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	**English Composition I and English Composition II**	**ENG 1021 & 1022**
	OR	**OR**
3	**English Composition II and a guaranteed transfer CO3 course**	**ENG 1022 &** GT CO3 course
3	Mathematics (must be gtPathways approved) – 3 Credits	
	One GT Pathways course (GT-MA1	**MAT**____
6	Arts & Humanities (must be gtPathways approved)–	
	Two **GT Pathways Arts & Humanities courses (**AH1, AH2, AH3, AH4)	**AH**_ ____ **AH**_ ____
6	Social & Behavioral Science (must be gtPathways approved) – 6 Credits	
	Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	
3	History (must be gtPathways approved) – 3 Credits	
	One GT Pathways History course (GT-HI1)	**HIS**___
8	Natural & Physical Science (must be gtPathways approved) – 8 Credits	
	Two GT Pathways Natural & Physical Sciences courses (GT-SC1)	**SC1** _____
22	Specialized Course Requirements – 22 Credits	
3	**Cultural Anthropology**	**ANT 1001**
3	**Introduction to Archaeology**	**ANT 1003**
4	**Biological Anthropology with Lab**	**ANT 1005**
3	Public Peaking or Interpersonal Communication or Intercultural Communication	**COM** ____
3	One gtPathway **ANT** course in Social & Behavioral Sciences (GT-SS3)	**SS**_____
3	One gtPathway Social & Behavioral Science course (**must** be GT-SS2 or GT-SS3	**SS**_____
3	One gtPathway Arts & Humanities course (GT-AH1, GT-AH2, GT-AH3, or GT-AH4)	AH____
5-6	Electives-6 Credits	
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

***** University of Colorado – Denver requires either MAT 1260 (Introduction to Stats) or MAT 1340 (College Algebra). Western Colorado University requires MAT 1340 (College Algebra).

Please note: Additional ANT courses beyond the 4 courses (13 credit hours) identified above may not count toward the Anthropology major at the receiving 4-year institution. See Articulation Agreement for more information.

https://cdhe.colorado.gov/sites/highered/files/documents/ANTHROPOLOGY%20STAA%20REVISED%20JULY%202023.pdf

Associate of Arts
Business
(Offered On Campus or Online)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
6	**English Composition I and English 1022**	**CO1 & CO2*OR***
	OR	
6	**English Composition II and GT CO3**	**CO2 & CO3**
	Mathematics 4 Credits	
4	**College Algebra (MAT 1340)** or **Finite Mathematics (MAT 1320)** **Survey of Calculus (MAT 1400)** or *higher* level Calculus course	**MAT_____**
	Arts & Humanities (must be gtPathways approved) – **6 Credits**	
3	**Business Ethics (PHI 2005) AND**	**PHI 2005**
	Social & Behavioral Sciences(must be gtPathways approved) – 6 credits	
3	**Macroeconomics**	**ECO 2001**
3	**Microeconomics**	**ECO 2002**
	History (must be gtPathways approved)– 3 Credits	
3	One GT Pathways History course (GT-HI1)	
7	Natural & Physical Science(must be gtPathways approved) -(**Choose 2)** – 7Credits Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2), one must be with laboratory (GT-SC1)	
	Specialized Course Requirements – 21-23 Credits	
3-4	Introduction to Financial Accounting **OR** Accounting Principles I	ACC 1011/1021
3-4	Introduction to Managerial Accounting OR Accounting Principles II	ACC 1012/1022
3	Introduction to Business	BUS 1015
3	Legal Environment of Business	BUS 2016
3	Business Communication & Report Writing	BUS 2017
3	Business Statistics	BUS 2026
3	Public Speaking	COM 1150
5-7	Electives—5-7 Credits Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

* *Note:* Adams State University, Colorado Mesa University, Colorado State University, Colorado State University – Pueblo, and Fort Lewis College require MAT 121/1340 College Algebra. University of Colorado-Colorado Springs and the University of Northern Colorado require MAT 125/1400 Survey of Calculus.

Associate of Arts
Criminal Justice
(Online Classes Required)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	**English Composition I and English Composition II**	**ENG 1021 & 1022**
	OR	**OR**
3	**English Composition II and GT Pathway approved CO3 course**	**ENG 1022 & CO3**
3-4	Mathematics (must be gtPathways approved)	
	One GT Pathways course (GT-MA1)	**MAT**_____
6	Arts & Humanities (must be gtPathways approved)– 6 Credits (Two GT Pathways Arts & Humanities courses from two (2) different categories.)	AH _____
	Two GT Pathways Arts & Humanities courses from two (2) different categories (AH1, AH2, AH3, AH4)	
6	Social & Behavioral Science (must be gtPathways approved) – 6 Credits	SS _____
	Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	
3	**History (must be gtPathways approved) 3 Credits**	HI1 _____
	One gtPathway History course (GT-HI1)	
	Specialized Course Requirements –27 Credits	
3	**Intro to Criminal Justice**	**CRJ 1010**
3	**Policing Systems**	**CRJ 1025**
3	**Correctional Process**	**CRJ 1045**
3	Public Speaking OR Interpersonal Communication	**COM 1150 or 1250**
6	Choose **2** of the following: CRJ 1027, 1035, , 2005, 2009, 2030, 2031, 2035, 2036, 2057 or 2068	**CRJ**____
9	Choose **3** of the following: ANT 2315, CNG 2058, COM 2220, COM 2250, PSC 1011, PSC 1025, PSY 2770, PSY 2107, PSY 2211, PSY 2552, or SOC 2031	_____
0-2	Electives-2 Credits Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	Total Required Credits gtPathways courses are indicated in **BOLD** print *This program is financial aid eligible.*	

*: University of Colorado Colorado Springs prefers MAT 1240 (Mathematics for Liberal Arts). Colorado Mesa University requires either MAT 1240 (Mathematics for Liberal Arts) OR MAT 1340 (College Algebra); University of Northern Colorado requires MAT 1260 (Introduction to Statistics).
**: If these credits are not required for the major at the receiving institution, they will be applied to the Bachelor's degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.
***: If these courses are applied to this second section of the Prescribed Curriculum (additional required courses) for credit, they may not be applied to the first section of the Prescribed Curriculum (general education requirements) for credit.

https://cdhe.colorado.gov/sites/highered/files/documents/CRIMINAL%20JUSTICE%20STAA%20REVISED%20JULY%202023.pdf

Associate of Arts
Economics
(Online Classes Required)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
6	**English Composition I and English Composition II OR**	**CO1 &**
6	**English Composition II and a GT Pathway approved CO3 course**	**CO2 OR CO2 & CO3**___
3	Mathematics (must be gtPathways approved) –3Credits	
	Intro to Statistics	**MAT 1260**
6	Arts & Humanities (must be gtPathways approved)– (Choose 3 courses excluding those listed in specialized course requirements)	AH_____
	Two GT Pathways Arts and Humanities courses from the following AH Categories: GT-AH1, GT-AH2, GT-AH3, or GT-AH4	
6	Social & Behavioral Science (must be gtPathways approved) – 6 Credits	SS_____
	Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	
3	History (must be gtPathways approved) – 3 Credits	HI1_____
	One GT Pathways History course (GT-HI1)	
7	Natural & Physical Science (must be gtPathways approved) –7Credits	
	Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2), one must be with laboratory (GT-SC1)	
11	Specialized Course Requirements – 11 Credits	
	Calculus I	**MAT 2410**
	Principles of Macroeconomics	ECO 2001
	Principles of Microeconomics	ECO 2002
18	Electives-18 Credits	
	Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below: ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST	
	A Maximum of 8 credit hours from the following:	
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

* Students may need to take additional preparatory math courses for placement into Calculus I. (eg. Trigonometry, college algebra, precalculus); these addition courses may go towards electives.
** Students intending to transfer to Adams State University, Metropolitan State University – Denver, or the University of Northern Colorado may take College Algebra or Finite Mathematics instead of Calculus.

Associate of Arts
Early Childhood Teacher Education
(Online Classes Required)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	**English Composition I**	**ENG 1021**
3	**English Composition II**	**ENG 1022**
	Mathematics—4 credits	
4	**Mathematics for Liberal Arts**	**MAT 1240**
	Arts & Humanities—Choose1 Course from each group	**AH**_____
6	**AH1: ART 1110; MUS 1020; THE 1005;** **AH2: LIT 1015; 2055**	
	Social & Behavioral Science (must be gtPathways approved) – 6 Credits	
6	**World Regional Geography**	**GEO 1005**
	General Psychology	**PSY 1001**
8	Natural & Physical Science (must be gtPathways approved) – 8 Credits	
	Integrated Science I with Lab	**SCI 1055**
	integrated Science II with Lab	**SCI 1056**
3	History (must be gtPathways approved) – 3 Credits	
	HI1: HIS 1210 or HIS 1220	**HIS**_____
18	Specialized Course Requirements –	
3	**Introduction to Early Childhood Education**	**ECE 1011**
3	**Introduction to ECE Lab Techniques**	**ECE 1045**
3	**Guidance Strategies for Young Children**	**ECE 1031**
3	**Curriculum Methods and Techniques**	**ECE 2621**
3	**Child Growth and Development**	**ECE 2381**
3	**Working with Parents, Families and Communities**	**ECE 2101**
9	Electives- Select from the Following **9 Credits** Choice guided by Receiving College Criteria. Links Below: ECE 1111, 1112, 2051, 2401, 2411, 2601; MAT 1260, PSY 2440	
60	**Total Required Credits**	

Adams State University Contact: cmckinney@adams.edu or teachered@adams.edu
Colorado Mesa University Contact: vshoultz@coloradomesa.edu
Colorado State University-Fort Collins Contact: cerissa.steveonson@colostate.edu or Katie.ditter@colostate.edu

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

Associate of Arts
Elementary Teacher Education
(Online Classes Required)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	**English Composition I and English Composition II**	**ENG 1021**
3	**English Composition II and a guaranteed transfer CO3 course**	**ENG 1022**
6	Mathematics – 9 Credits	
	Integrated Math I	MAT 1220
	Integrated Math II	MAT 1230
6	Arts & Humanities (must be gtPathways approved)– 6 credits	
	Choose one AH2 course	**AH2 _____**
	Children's Literature	LIT 2055
6	Social & Behavioral Science (must be gtPathways approved) – 6 Credits	
	World Regional Geography or Human Geography	**GEO 1005, 1006**
	American Government	**PSC1011**
8	Natural & Physical Science (must be gtPathways approved) – 8 Credits	
	Integrated Science I with Lab	**SCI 105**
	integrated Science II with Lab	**SCI 1056**
3	History (must be gtPathways approved) – 3 Credits	
	HI1: HIS 1210 or 1220	**HIS 1210, 1220**
16	Specialized Course Requirements – 16 Credits	
	Arts and Humanities (3 credits) Choose one course AH class	
	Art Appreciation (GT-AH1) OR	ART 1110 OR
	Music Appreciation (GT-AH1) OR	MUS1020 OR
	Theatre Appreciation (GT-AH1) OR	THE 1005 OR
	Dance Appreciation (GT-AH1)	DAN 1025
	Social & Behavioral Sciences (3credits)	
	Child Development (GT-SS3)	PSY 2441
	Field of Study (10 credits)	
	Introduction to Education	EDU 2211
	Multicultural Education	EDU 2341
	Teaching, Learning, and Technology	EDU 2611
	Practicum II, Field Experience (co-req/prereq: EDU 2211)	EDU 2088 OR any other one-credit course
9	Electives-9 Credits – Select from the Following 9 Credits	
	Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below: ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST	

A Maximum of 8 credit hours from the following:
Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)

60 Total Required Credits

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

Associate of Arts
English
(Online Classes Required)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
6	**English Composition I & English Composition II OR**	**ENG 1021 & 1022**
		OR
6	**English Composition II & Any GT Pathways CO3 course**	**ENG 1022 & CO3**
	Mathematics (must be gtPathways approved) – 3 Credits	
3	**MA1: Math for Liberal Arts (MAT 1240)** or other MA1 course	**MAT** _____
9	Arts & Humanities (must be gtPathways approved) – 9 Credits (*cannot* come from **AH2**) **Three GT Pathways Arts & Humanities courses. LIT course will NOT be accepted to fulfill this requirement.**	AH _____
3	History (must be gtPathways approved)– 3 Credits One GT Pathways History Course (GT-HI1)	HIS _____
6	Social & Behavioral Science (must be gtPathways approved 6 Credits Two GT Pathways Social & Behavioral Sciences Courses (GT-SS1, GT-SS2, GT-SS3)	**SS**__ ____ **SS**__ ____
7	Natural & Physical Science (must be gtPathways approved) – 7 Credits Two GT Pathways Natural & Physical Science Courses. One must be with a laboratory (GT-SC1)	
18	Additional Course Requirements – 18 Credits **Five 3 credit gtPathway Arts & Humanities *Literature* courses within the GT-AH2 category (4 courses must be at the 200-level) and one 3 credit course in COM 1150 or 1250 or 2250**	
8	**Electives – 8 Credits** ***ENG 2021 (recommended),*** Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print ***This program is financial aid eligible.***

http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html

https://www.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/.

Associate of Arts
French
(Online Classes Required)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
	English Composition I and English Composition II	**ENG 1021 & 1022 OR**
	OR	
	English Composition II and a guaranteed transfer CO3 course	**ENG 1022 & CO3**
3	Mathematics (must be gtPathways approved)	
	MA1: Math for Liberal Arts (1240) or other GT- MA1 course	**MAT**
9	Arts & Humanities	
	French Language III	**FRE 2011**
	French Language IV	**FRE 2012**
	Any One GT Pathways Art & Humanities courses	AH
3	Social & Behavioral Science (must be gtPathways approved)	SS _____
	One GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT- SS2, GT-SS3)	
7	Natural & Physical Science(must be gtPathways approved) -(Choose 2, one course must be an SC1) – 8 Credits	SC _____
	Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2), one must be with a laboratory (GT-SC1)	
3	History (must be gtPathways approved) must be non-US History	
	HI1: HIS 1310, 1320, 1110, 1120,-2200	**HIS**___
	Specialized Course Requirements – 10 Credits	
5	French Language I	FRE 1011
5	French Language II	FRE 1012
19	**Elective Credits**	
	Recommended COM 1150 or COM 1250.	
	Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below:	
	ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST	
	A Maximum of 8 credit hours from the following:	
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print *This program is financial aid eligible.*

Associate of Arts
History

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	**English Composition I and English Composition II**	**ENG 1021 & 1022**
	OR	**OR**
3	**English Composition II and a guaranteed transfer CO3 course**	**ENG 1022 & CO3**
	Mathematics (must be gtPathways approved) – 3 Credits	
3	**MA1: Math for Liberal Arts** or other MA1 course	**MAT 1240**
9	Arts & Humanities (must be gtPathways approved)– 9 Credits Three GT Pathways Arts & Humanities courses from two (2) different categories.	AH _____
6	Social & Behavioral Science (must be gtPathways approved) – 6 Credits **Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)**	**SS_ ___** **SS_ ___**
	History (must be gtPathways approved) – 3 Credits	
3	**HI1: Western Civilization: Antiquity-1650 (HIS 1310)** or **HI1: The World: Antiquity-1500 (HIS ** 1110)**	**HIS___**
7	Natural & Physical Science (must be gtPathways approved) – 7 Credits Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2). One must be with laboratory (GT-SC1)	**SC1 ___** **SC ___**
15	Specialized Course Requirements – 15 Credits	
3	**Western Civilization 1650 - Present (HIS 1320)OR** **The World 1500 – Present (HIS 1120)**	**HIS 1320 OR 1120**
3	**US History to Reconstruction**	**HIS 1210**
3	**US History Since the Civil War**	**HIS 1220**
3	**Choose 1 additional History course (HI1)**	**HIS ____**
3	**COM 1150 or 1250**	**COM 1150, 1250**
11	Electives – 11 Credits **Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below:** ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST A Maximum of 8 credit hours from the following: Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

****Students planning to transfer to University of Colorado at Boulder must take either HIS 101 or HIS 102 to fulfill this requirement.** http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html
https://www.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/.

*****Students planning to transfer to CSU-Ft. Collins are advised to complete at least two semesters of one college level foreign language.**

Associate of Arts
Philosophy
(Online Classes Required)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	**English Composition I and English Composition II**	**CO1 & CO2**
	OR	**OR**
3	**English Composition II and a guaranteed transfer CO3 course**	**ENG 1022 & CO3**
	Mathematics (must be gtPathways approved) – 3 Credits	
3	One gtPathways Mathematics course (GT-MA1), prefer MAT 1240: Mathematics for the Liberal Arts.	**MAT**___
6	Arts & Humanities (must be gtPathways approved)– 6 Credits	
	Two gtPathways Arts and Humanities courses (GT-AH1, GT-AH2, GT-AH4)	**AH**_ ____ **AH**_ ____
6	Social & Behavioral Science (must be gtPathways approved) – 6 Credits	
	Two GT Pathways Social & Behavioral Science courses (GT-SS1, GT-SS2, GT-SS3)	**SS**_____ **SS**_____
3	History (must be gtPathways approved) – 3 Credits One GT Pathways History Course (HI1)	HI1_____
7	Natural & Physical Science (must be gtPathways approved) – 7 Credits	
	Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2), one must be with laboratory (GT-SC1)	
15	Specialized Course Requirements – 15 Credits	
	Introduction to Philosophy	**PHI 1011**
	Ethics	**PHI 1012**
	Logic or Symbolic Logic	**PHI 1013, 2013**
6	**Choose from 2 of the following: PHI 2005, 2014, 2018, 2020**	**PHI**____ **PHI** ____
14	Electives – 14 Credits	
	Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below: ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST	
	A Maximum of 8 credit hours from the following:	
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print. *This program is financial aid eligible.*

Associate of Arts
Psychology
(Offered On Campus or Online)

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	A GT Pathways-approved CO1 course (GT-CO1) and a GT Pathways approved CO2 course (GT-CO2)	**CO1 & CO2**
	OR	**OR**
3	A GT Pathways-approved CO2 course (GT-CO2) and a GT Pathways approved CO3 course (GT-CO3)	**CO2 & CO3**
3	**Mathematics (must be gtPathways approved) – 3 Credits** **One GT Pathways—approved Mathematics course (GT-MA1)**	**MAT** _____
9	Arts & Humanities (must be gtPathways approved) (choose from at least **2 categories**) – 9 Credits **Two GT Pathways Arts & Humanities courses from the following categories: GT-AH1, GT- AH2, GT-AH3, GT-AH4**	AH _____
3	History(must be gtPathways approved) – 3 Credits **One GT Pathways History course (GT HI1)**	HIS _____
6	Social & Behavioral Science (must be gtPathways approved) – 6 Credits **Two GT Pathways Social & Behavioral Sciences courses from the following categories: GT-SS1, GT-SS2, GT-SS3. May not be PSY courses.**	
	Natural & Physical Science(must be gtPathways approved) – 7-8 Credits	
7-8	**One GT Pathways BIOLOGY course, must be a GT-SC1 course with lab AND One GT Pathways course of the student's choosing (GT-SC1 OR GT-SC2)**	
18	Specialized Course Requirements – 18 Credits	
3	**General Psychology I**	**PSY 1001**
3	**General Psychology II**	**PSY 1002**
9	Choose **3** additional **PSY** courses (**must be gtPathways SS3)**	**PSY** ____ **PSY** ____ **PSY** ____
3	Public Speaking(COM 1150) or Interpersonal Communication (COM 1250)**	COM ____
10-11	Electives – 10-11 Credits	
	Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below: ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST	
	A Maximum of 8 credit hours from the following: Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

(Continued on the next page)
gtPathways courses are indicated in **BOLD** print
This program is financial aid eligible.

*: Colorado Mesa University requires either MAT 1240 Mathematics for the Liberal Arts OR MAT 1340 College Algebra
**: Please note: if these credits are not required for the major at a receiving 4-year institution, they will be applied to the bachelor's degree as elective credit toward graduation. Please check with the receiving institution to determine in which way these courses will be applied.
***: The University of Colorado – Denver prefers COM 1150 Public Speaking to fulfill this requirement.
****: Any additional Psychology courses beyond the 15 credits indicated may not apply toward degree requirements.
https://cdhe.colorado.gov/sites/highered/files/documents/Revised%20PSYCHOLOGY%20AA_BA%20STAA%20FALL%202023%20FINAL.pdf

Associate of Arts
Spanish
(Online Classes Required)

Credits		Credits
	Written Communication (must be gtPathways approved) – 6 Credits	
	English Composition I and English Composition II	**ENG 1021 & 1022**
	OR	**OR**
	English Composition II and a guaranteed transfer CO3 course	**ENG 1022 & CO3**
3	Mathematics (must be gtPathways approved) **One GT Pathways Mathematics course (GT-MA1), prefer MAT 120/1240 Mathematics for Liberal Arts**	**MAT** _____
9	Arts & Humanities **SPA Language III** **SPA Language IV** **One GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)**	AH _____
6	Social & Behavioral Science (must be gtPathways approved)—6 credits **Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)**	**SS** _____
7	Natural & Physical Science(must be gtPathways approved) -(Choose 2, one course must be an SC1) – 8 Credits Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2). One of these courses must have the required laboratory (GT-SC1)	SC _____
3	History (must be gtPathways approved) must be non-US History HI1:History of Latin America (HIS 2200) or another GT Pathways history course (GT-HI1) focusing on the Spanish-speaking world (non-U.S.) or another GT Pathways non-U.S. History course.	HIS _____
	Additional Course Requirements** – 13 Credits	
5	Spanish Language I	
5	Spanish Language II	
3	Public Speaking or Interpersonal Communications	
13	**Elective Credits***** **Any GT course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below:** ANT, ART, AST, BIO, BUS 1015, CHE, CIS 1018, COM, ECO, ENG (1021 or higher), ENV, FRE, GEO, GER, GEY, HIS, HUM, HWE 1050, ITA, JOU 1005, JOU 1006, JPN, LIT, MAT (1220+1230 sequence or higher), MAN 1060; MAR 2016; MGD 1011, 1033; MUS, PHI, PHY, PCS, PSY, RUS, SCI, SLP, SOC, SPA, THE, WST **A Maximum of 8 credit hours from the following:** Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print *This program is financial aid eligible.*

**: Those students who have a higher proficiency level than is required for SPA 211/2011 or 212/2012 should substitute other Arts & Humanities courses. Heritage speakers may want to substitute SPA 261/2061 (Grammar-Heritage Lang Speaker) and SPA 262/2062 (Comp-Heritage Lang Speaker), if available.*
***: Please note: if these credits are not required for the major at a receiving 4-year institution, they will be applied to the bachelor's degree as elective credit toward graduation. Please check with the receiving institution to determine in which way these courses will be applied.*
****: SPA 111/1011 and/or SPA 112/1012 may be waived, based on a student's proficiency level. Students should consult a departmental advisor at the 4- year college or university.*
***** Suggested courses: 2000-level Spanish courses; courses outside the Spanish department with content related to the Spanish-speaking world.*
https://cdhe.colorado.gov/sites/highered/files/documents/SPANISH%20STAA%20REVISED%20JULY%202023.pdf

Associate of Science

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	**English Composition I and English Composition II**	**ENG 1021 & 1022**
	OR	**OR**
3	**English Composition II and a guaranteed transfer CO3 course**	**ENG 1022 & CO3**
	Oral Communication – 3 Credits	
3	Public Speaking (COM 1150) or Interpersonal Communication (COM 1250)	COM____
	Mathematics (must be gtPathways approved)– 3 Credits	
3	**MA1: College Algebra (MAT 1340)** or **College Trigonometry (MAT 1420)** or **Pre-Calculus (MAT 1440)** or **Calculus I (MAT 2410)** or higher **MA1** course	**MAT____**
6	Arts & Humanities (must be gtPathways approved)(Choose from **2 different areas**) – 6 Credits	**AH_ ____**
	Two GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)	**AH_ ____**
	History (must be gtPathways approved) – 3 Credits (Choose 1 Course)	**HIS ____**
3	One GT Pathways History course (GT-HI1)	
6	Social & Behavioral Science (Maximum of 3 credits in HI1) – 6 Credits	**SS ____**
	Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	
12	Natural & Physical Science(must be gtPathways approved)(Must take one 2- lab course sequence) – 12 Credits	**SC1 __1 & __2**
	GT Pathways Natural & Physical Science Courses (Must take one 2-lab course sequence)	**SC1 ____**
21	Electives - 21 Credits	
	Minimum of 13 hours from the following:	
	Any GT SC1, SC2, or MA1 course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below: **ANT, AST, BIO, CHE, ENV, GEY, MAT (1260 or higher), PHY, SCI (1075 or higher)**	
	Maximum of 8 hours from the following**:**	
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html
https://www.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/.

Associate of Science
Agricultural Business

Credits		Course Number
3	Introduction to PC Applications	CIS 1018
6	Written Communication (must be gtPathways approved) – 6 Credits **English Composition I and English Composition II** **OR** **English Composition II and a guaranteed transfer CO3 course**	 **ENG 1021 & 1022** **OR** **ENG 1022 & CO3**
4	Mathematics (must be gtPathways approved)– 7 Credits **College Algebra** MAT 1340) OR **Survey of Calculus** (MAT 1400) OR higher level Calculus	**MAT____**
6	Arts & Humanities (must be gtPathways approved)– 6 Credits Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)	**AH_ ____** **AH_ ____**
3	History (must be gtPathways approved) – 3 Credits (Choose 1 Course) One GT Pathway History course (GT-HI1)	**HIS ____**
6	Social & Behavioral Science – 6 Credits **Agriculture Economics** **World Interdependence: Population and Food***	**AGE 1102** **AGR 2160**
10	Natural & Physical Science – 10 Credits **General College Biology I and** **Introduction to Chemistry I (CHE 1011) OR** Fundamentals of Chemistry(CHE 1007) **OR** **General College Chemistry I (CHE 1111)**	 **BIO 1111** **CHE___**
25	Agriculture Business Course Requirements – 25 Credits	
3	Public Speaking	COM 1150
3	Introduction to PC Applications	CIS 1018
3	Principles of Macroeconomics	ECO 2001
3	Introduction to Statistics	MAT 1260
13	Select 13 credits from the list below. A minimum of 6 credits must be from the AGE prefix. AGE 2105, AGE 2108, AGE 2110, MAT 1400, ASC 1100, ASC 2125, ASC 2105, ASC 2130, ASC 2188, AGY 1100, AGY 2140, ACC 1021, RAM 2005	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

***AGR2160fulfills CSU's Global and Cultural Awareness requirement (AUCC 3E).**

** Please note: if these credits are not required for the major at a receiving 4-year institution, they will be applied to the bachelor's degree as elective credit toward graduation. Please check with the receiving institution to determine in which way these courses will be

applied. https://cdhe.colorado.gov/sites/highered/files/documents/AG%20BUSINESS%20STAA%20REVISED%20JULY%202023.pdf

Associate of Science
Animal Science

Credits		Course Number
6	Written Communication (must be gtPathways approved) – 6 Credits	
	English Composition I and English Composition II	**ENG 1021 & 1022 OR**
	OR	
	English Composition II and a guaranteed transfer CO3 course	**ENG 1022 & CO3**
4	Mathematics (must be gtPathways approved) – 4 Credits	
	MA1: College Algebra or **Survey of Calculus** or higher calculus	**MAT____**
6	Arts & Humanities (must be gtPathways approved) - 6 Credits	
	Two GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)	**AH_____** **AH _____**
3	History (must be gtPathways approved) – 3 Credits (Choose 1 Course)	**HIS _____**
	One GT Pathways History course (GT-HI1)	
	Social & Behavioral Science – 6 Credits	
6	**Agriculture Economics**	AGE 1102
	World Interdependence: Population and Food*	**AGR 2106**
10	Natural & Physical Science – 10 Credits	**SC 1 _____**
	General College Biology I and	
	Introduction to Chemistry I (CHE 1011) OR	
	Fundamentals of Chemistry (CHE 1007) OR **General College**	
	Chemistry I (CHE 1111)	
25	**Specialized Course Requirements –26 Credit** Total	
3	Animal Science	ASC 1100
4	Feeds & Feeding	ASC 2125
3	Farm Animal Anatomy & Physiology	ASC 2130
3	Live Animal and Carcass Evaluation	ASC 2150
2	Livestock Practicum	ASC 2188
3	Public Speaking	COM 1150
7	Electives - 7 Credits (Select a minimum of 7 credits from the following:)	
	CIS 1018, AGE 2105, AGE 2108, AGE 2110, ACC, 1021, ECO 2001, RAM 2005, CHE 1112, (CHE 2105 or CHE 2111)	
60	Total Required Credits	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

***AGR 2106 fulfills CSU's Global and Cultural Awareness requirement (AUCC 3E).**

**If these credits are not required for the major at a receiving 4-year institution, they will be applied to the bachelor's degree as elective credits toward graduation. Please check with the receiving institution to determine in which way these courses will be applied.

Please note: Students seeking admission into a professional or graduate level Veterinary Medicine program should work with their academic advisor regarding additional requirements as they may not be fulfilled by the coursework listed above.

https://cdhe.colorado.gov/sites/highered/files/documents/ANIMAL%20SCIENCE%20STAA%20REVISED%20JULY%202023.pdf

Associate of Science
Biology
(Online Courses are Required)

Credits		Course Number
6	Written Communication (must be gtPathways approved) – 6 Credits	
	A GT Pathways approved CO1 course (GT-CO1) and GT Pathways approved CO2 course (GT-CO2)OR	**CO1 and CO2 OR**
	A GT Pathways approved CO2 course (GT-CO2) and a GT Pathways approved CO3 course (GT-CO3)	**CO2 and CO3**
4	Mathematics – 4 Credits	
	College Algebra or higher numbered GT Pathaway MA1 course	**MAT 1340**
6	Arts & Humanities (must be gtPathways approved) - 6 Credits	
	Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4)	**AH_____** **AH _____**
3	History (must be gtPathways approved) – 3 Credits (Choose 1 Course)	**HIS _____**
	One GT Pathways History course (GT-HI1)	
6	Social & Behavioral Science – 6 Credits	
	Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	**SS _____** **SS _____**
10	Natural & Physical Science – 10 Credits	
	General College Biology I	**BIO 1111**
	General College Chemistry I	**CHE 1111**
20	Additional Required Courses – 20 credits	
5	**General College Biology II**	**BIO 1112**
5	**General College Chemistry II**	**CHE 1112**
5	**Physics Algebra-Based I/Lab or Physics Calculus Based I/Lab**	**PHY 1111, 2111**
5	**Physics Algebra-Based II/Lab or Physics Calculus Based I/Lab**	**PHY 1112, 2112**
5	Electives – 4 Credits	
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

*: Note: Students are encouraged to seek advising at their intended transfer institution regarding the level of mathematics preparation required for their intended transfer pathway.
**: Please note: if these credits are not required for the major at a receiving 4-year institution, they will be applied to the bachelor's degree as elective credit toward graduation. Please check with receiving institution to determine in which way these courses will be applied.

Please note: Students are strongly encouraged to seek academic advising prior to registration regarding the acceptability of online science courses if they anticipate transferring to a 4-year institution or completing graduate work in the sciences or health professions. It should be noted that per Colorado Revised Statute, §23-1-125(1)(e), general education courses taken online are guaranteed to satisfy core course (GT Pathways) requirements at all Colorado public institutions of higher education.

chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://cdhe.colorado.gov/sites/highered/files/documents/Revised%20BIOLOGY%20STAA%20FALL%202023%20FINAL.pdf

Associate of Science
Equine Science

Credits		Course Number
6	Written Communication (must be gtPathways approved) – 6 Credits **English Composition I and English Composition II** **OR** **English Composition II and a guaranteed transfer CO3 course**	 **ENG 1021 & 1022** **ENG 1022 & CO3**
7	Mathematics (must be gtPathways approved)– 7 Credits **College Algebra** OR **Survey of Calculus** OR higher calculus	MAT 1340
6	Arts & Humanities (must be gtPathways approved)– 6 Credits **Two GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)**	**AH_ ____** **AH_ ____**
3	History (must be gtPathways approved) – 3 Credits (Choose 1 Course) **One GT Pathways History course (GT-HI1)**	**HIS _____**
6	Social & Behavioral Science – 6 Credits **Agriculture Economics or Macroeconomics** **AND** **World Interdependence: Population and Food***	 **AGE 1102 or ECO 2002 and AGR 2160**
10	Natural & Physical Science – 10 Credits **General College Biology I and Introduction to Chemistry I (CHE1011) OR Fundamentals of Chemistry or General College Chemistry I (CHE 1111)**	 **BIO 1111** **CHE___**
13	Additional Required Courses **	
3	Anatomy & Physiology	ASC 2130
3	Public Speaking	COM 1150
3	Intro to Statistics	MAT 1260
2-3	Animal Equine/Science Elective (Choose one course) Livestock Practicum or Live Animal and Carcas Evaluation	 ASC 2188, or 2105
6	Specialized Course Requirements – minimum of 6 Credits *Credits cannot meet both this requirement and any above requirement.* CIS 1018, AGE 2105, AGE 2108, AGE 2110, ACC 1021, ECO 2001	
3-4	**Electives** ASC 1043, ASC 2043, EQT 1040, EQT 2040, ACC 1011, ECO 2001, AGB 2028	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

***AGR2160fulfills CSU's Global and Cultural Awareness requirement (AUCC 3E).**
**All Animal/Equine Science courses require a 'C' or better in order to ensure successful progression in the major
***Courses are directly equivalent to a CSU Equine Science degree requirement
****Courses will fulfill CSU Business Electives

https://cdhe.colorado.gov/sites/highered/files/documents/EQUINE%20SCIENCE%20STAA%20REVISED%20JULY%202023.pdf

Associate of Science
Geology
(Online Classes Required)

Credits		Course Number
6	Written Communication (must be gtPathways approved) – 6 Credits	
	English Composition I and English Composition II	**ENG 1021 and**
	OR	**ENG 1022**
	English Composition II and a GT Pathways approved CO3 course (GT-CO3)	**ENG 1022 and CO3**
5	Mathematics (must be gtPathways approved) –5 Credits	
	Calculus I	**MAT** 2410
6	Arts & Humanities (must be gtPathways approved – 6 Credits	
	Two GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)	**AH_ ____** **AH_ ____**
3	History (must be gtPathways approved) – 3 Credits (Choose 1 Course)	**HIS ____**
	One GT Pathways History course (GT-HI1)	
	Social & Behavioral Science – 6 Credits	
6	Choose from two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	**SS____** **SS____**
10	Natural & Physical Science – 10 Credits	
	General College Chemistry I	**CHE 1111**
	General College Chemistry II	**CHE 1112**
23	Specialized Course Requirements – 23 Credits	
	Physical Geology	GEY 1111
	Historical Geology	GEY 1112
	Calculus II	MAT 2420
	Physics Based Calculus I	PHY 2111
	Physics Based Calculus II	PHY 2112
1	Electives – 1 Credits	
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

*: If these credits are not required for the major at a receiving 4-year institution, they will be applied to the Bachelor's degree as elective credit towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.

PLEASE NOTE: In addition to meeting the requirements listed here, contact the department at the school to which you want to transfer for program-specific information.

https://cdhe.colorado.gov/sites/highered/files/documents/GEOLOGY%20STAA%20REVISED%20JULY%202023.pdf

Associate of Science
Math
(Online Classes Required)

Credits		Course Number
6	Written Communication (must be gtPathways approved) – 6 Credits	
	English Composition I (GT-CO1) and English Composition II (GT-CO2)	**ENG 1021 & 1022**
	OR	
	English Composition II and a guaranteed transfer CO3 course	**ENG 1022 & CO3**
5	**Mathematics**	
	Calculus I	MAT 2410
9	Arts & Humanities (must be gtPathways approved – 9 Credits	
	Three GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)	**AH**_ ____
3	History (must be gtPathways approved) – 3 Credits (Choose 1 Course)	**HIS** ____
	One GT Pathways History course (GT-HI1)	
6	Social & Behavioral Science – 6 Credits	
	Choose from two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3	**SS**____ **SS**____
10	Natural & Physical Science – 10 Credits	
	Calculus Based Physics I	**PHY 2111**
	Calculus Based Physics II	**PHY 2112**
16-17	Specialized Course Requirements – 116-17 Credits	
3	Public Speaking or Interpersonal Communications	COM 1150, 1250
5	Calculus II	MAT 2420
4-5	Calculus III or Calculus II with Engineering Applications	MAT 2430, 2431
4	Computer Science I	CSC 1060
4-5	Electives – 4-5 Credits	_____
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

* Please note: many receiving 4-year institutions prefer students to take PHY 2111 (Calculus-based Physics I w/lab, 5) to fulfill part of this requirement. Students should seek advising at their receiving institution for further recommendations.

** Please note: if these credits are not required for the major at a receiving 4-year institution, they will be applied to the bachelor's degree as elective credit toward graduation. Please check with receiving institution to determine in which way these courses will be applied.

*** At CSU-Ft. Collins, CSC 1060 will satisfy programming requirements for the mathematics major, but it can only serve as a prerequisite to more advanced CS classes if it was taught using Java. Students planning to take further CS classes should seek advising at CSU-Ft. Collins for information on the appropriate computer science course to take.

Associate of Science
Marine Science & Oceanography Plan of Study

Credits		Course Number
6	Written Communication (must be gtPathways approved) – 6 Credits	
	CO1: English Composition I	**ENG 1021**
	CO2: English Composition II	**ENG 1022**
3	Oral Communication – 3 Credits	
	Public Speaking	COM 1150
3	Mathematics (must be gtPathways approved)– 3 Credits	
	MA1: College Algebra 1340 **or College Trigonometry** 1420 or **Pre-Calculus** 1440 or **Calculus I** 2410 or higher **MA1** course	**MAT**____
6	Arts & Humanities (must be gtPathways approved)(Choose from **2 different areas**) – 6 Credits	
	Two GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)	
3	History (must be gtPathways approved) – 3 Credits (Choose 1 Course)	
	One GT Pathways History course (GT-HI1)	
6	Social & Behavioral Science (Choose from **2 different areas**) – 6 Credits	
	Choose from two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	
24	**Natural & Physical Science– 24 Credits**	
	General College Biology I	**BIO 1111**
	General College Biology II	**BIO 1112**
	General College Chemistry I	**CHE 1111**
	General College Chemistry II	**CHE 1112**
	General Oceanography I	**GEY 1155**
9	Electives – Choose 9 Credits minimum	
4	**Physical Geology**	**GEY 1111**
4	**Environmental Science**	**ENV 1111**
5	**Physics: Algebra based I**	**PHY 1111**
5	**Physics: Algebra based II**	**PHY 1112**
1	Scuba Diving	OUT 1385
1	Open Water Diver	OUT 2002
60	Total Required Credits	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html

https://www.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/.

Associate of Science
Paleontology Plan of Study

Credits		Course Number
	Written Communication (must be gtPathways approved) – 6 Credits	
3	**English Composition I and English Composition II**	**ENG 1021 & 1022**
	OR	**OR**
3	**English Composition II and a guaranteed transfer CO3 course**	**ENG 1022 & CO3**
	Oral Communication – 3 Credits	
3	Public Speaking (COM 1150) or Interpersonal Communication (COM 1250)	COM____
	Mathematics (must be gtPathways approved)– 3 Credits	
3	**MA1: College Algebra (MAT 1340)** or **College Trigonometry (MAT 1420)** or **Pre-Calculus (MAT1440)** or **Calculus I (MAT 2410)** or higher **MA1** course	**MAT____**
6	Arts & Humanities (must be gtPathways approved)(Choose from **2 different areas**) – 6 Credits	**AH_ ____**
		AH_ ____
	Two GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)	
	History (must be gtPathways approved) – 3 Credits (Choose 1 Course)	
3		**HIS ____**
	One GT Pathways History course (GT-HI1)	
6	Social & Behavioral Science (Maximum of 3 credits in HI1) – 6 Credits	
		____ ____
	Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	**SS ____**
24	**Natural & Physical Science– 24 Credits**	
	General College Biology I	**BIO 1111**
	General College Biology II	**BIO 1112**
	General College Chemistry I	**CHE 1111**
	General College Chemistry II	**CHE 1112**
	Physical Geology	**GEY 1111**
9	Electives – Choose 9 Credits minimum	
4	**Physical Geology**	**GEY 1111**
4	**Environmental Science**	**ENV 1111**
5	**Physics: Algebra based I**	**PHY 1111**
5	**Physics: Algebra based II**	**PHY 1112**
1	Scuba Diving	OUT 1385
1	Open Water Diver	OUT 2002
60	Total Required Credits	

gtPathways courses are indicated in BOLD print

This program is financial aid eligible. http://highered.colorado.gov/Academics/Transfers/gtPathways/Curriculum.html https://www.cccs.edu/current-students/transfers-articulations/transfer-agreements-with-other-colleges/ .

Associate of Science
Psychology
(Offered On Campus or Online)

Credits		Course Number
6	Written Communication (must be gtPathways approved) – 6 Credits	
	English Composition I (CO1) and English Composition II (CO2)	**CO1 & CO2 OR**
	OR	
	English Composition II (CO2) and a guaranteed transfer CO3 course	**CO2 &CO3**
4	Mathematics (must be gtPathways approved) – 4 Credits	
	College Algebra or higher level Calculus sequence	**MAT 1340**
6	Arts & Humanities (must be gtPathways approved) – 6 Credits	
	Two GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)	**AH_ ____** **AH_ ____**
3	History(must be gtPathways approved)(Choose one class) – 3 Credits	
	One GT Pathways History course (GT-HI1)	**HIS ____**
6	Social & Behavioral Science(must be gtPathways approved) – 6 Credits	
	Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3)	**SS_ ____** **SS_ ____**
10	Natural & Physical Science – 10 Credits*	
	General College Biology I	**BIO 1111**
	General College Chemistry I	**CHE 1111**
12	Additional Course Requirements –12Credits	
	General Psychology I	**PSY 1001**
	General Psychology II	**PSY 1002**
	Social Psychology (GT-SS3)	PSY 2221
	Public Speaking (COM 1150) or GT Pathway COM course	COM 1150, COM
13	Electives***13 credits:	
	Any GT SC1, SC2 or MA1 course offered in the CCCS Common Course Numbering System and/or any course in the prefixes below and/or specific courses below: ANT, AST, BIO, CHE, ENV, GEY, MAT (1260 or higher), PHY, SCI (1075 or higher)	
	Maximum of 8 hours from the following**:**	
	Any college level course (1000+) offered in the CCCS Common Course Numbering System, PED (2 credits max)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print **This program is financial aid eligible.*

*: Please note if these credits are not required for the major at a receiving 4-year institution, they will be applied to the bachelor's degree as elective credit toward graduation. Please check with the receiving institution in which way these courses will be applied.
**: The University of Colorado Denver prefers COM 115/1150 Public Speaking to fulfill this requirement
*****: Students planning to transfer to University of Colorado Denver should complete both two-semester sequences of BIO 1111 & BIO 1112 and CHE 1111 & CHE 1112 at the community college; in addition, electives are restricted to non-Psychology course.**
https://cdhe.colorado.gov/sites/highered/files/documents/Revised%20PSYCHOLOGY%20AS_BS%20STAA%20FALL%202023%20FINAL.pdf

Pre-Sports Medicine Plan of Study
Associate of Science

Credits		Course Number
6	Written Communication– 6 Credits	
	English Composition I	**ENG 1021**
	English Composition II	**ENG 1022**
7	Mathematics – 7 Credits	
4	**College Algebra**	**MAT 1340**
3	**Intro to Statistics**	**MAT 1260**
3	Oral Communication – 3 Credits	
	Public Speaking	COM 1150
3	History (must be gtPathways approved) – 3 Credits	
		HIS ____
6	Arts and Humanities (must be gtPathways approved) - 6 Credits	
	Two GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)	___ ____
3	Social & Behavioral Science (must be gtPathways approved) – 3 Credits	**SS**_____
	Intro to Psychology and one GT Pathways Social & Behavioral Science courses (GT-SS1, GT- SS2, GT-SS3)	
22	**Natural & Physical Science – 22 Credits**	
5	**General Chemistry I**	**CHE 1111**
5	**General Chemistry II**	**CHE 1112**
2-54	**BIO, 1010 or 1111**	**BIO**
	Human Anatomy & Physiology I	**BIO 2101**
4	**Human Anatomy & Physiology II**	**BIO 2102**
7	Specialty Electives – 7 Credits	
2	Intro to Sports Medicine	**HPE 1002**
5	Health and Wellness, Athletic Training Practicum, Human Nutrition (HWE 1062, HPE 1088, HWE 1050)	

60 **Total Credits**

*Mandatory testing may result in additional coursework.
*Some Sports Medicine programs will not accept BIO 2101/2102. Speak to your advisor.
All course work must comply with the Associate of Science Program of Study.

General Studies Program

The Associate Degree in General Studies is awarded to students who wish to arrange their own program. Guidelines require that a student pursuing an AGS must develop, in consultation with an academic advisor, a written statement of objectives and a plan of studies designed to meet those objectives. This degree can be designed to obtain professional job skills or to transfer to four-year colleges or universities It includes a basic core of General Education in specific disciplines. In addition, a student can choose elective credits in any academic discipline, area of personal interest, or occupational field.
Various transfer courses from this degree may be accepted in a four-year baccalaureate program; however, each course will be considered on an individual basis. It is **strongly suggested** that students work closely with their academic advisors in developing an AGS degree track for transfer purposes.

Associate of General Studies

Credits		Course Number
3	Written Communication – 3 Credits **CO1: English Composition I**	**ENG 1021**
3	Mathematics – 3 Credits Career Math (1140) or higher	MAT____
3	Arts & Humanities – 3 Credits (Choose 1 Course) **One GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4)**	**AH**_ ____
3	Social & Behavioral Science – 3 Credits (Choose 1 Course) **One GT Pathways Social & Behavioral Science courses (GT-SS1, GT- SS2, GT-SS3)**	
3	Natural & Physical Science – 3 Credits **One Natural & Physical Science with a lab course (SC1)**	**SS**__ ____
15	General Education Elective – 15 Credits Requirement satisfied by any approved General Education elective, selected in consultation with an academic advisor.	**SC1** ___
30	Specialized Course Electives – 30 Credits Any approved course approved by an academic advisor. CO state guidelines require that any student who pursues an Associate of General Studies degree “develop in consultation with & with approval of counselors and or faculty advisors, a written statement of objectives & course needed to satisfy those objectives.” Therefore, to enroll in Associate of General Studies degree program, it is necessary for you to meet with a Counselor (where appropriate, refer to faculty advisor)	
60	**Total Required Credits**	

gtPathways courses are indicated in **BOLD** print *T*his program is financial aid eligible.*

***This degree requires an approved plan of study from the Counseling and Career Planning Office.**

Course Descriptions

ACADEMIC ACHIEVEMENT

AAA 0090 ACADEMIC ACHIEVEMENT STRATEGIES/3
(45 LECTURE HOURS)
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.
Location(s): Online

AAA 0099 ACTIVE LEARNING SKILLS/1
(15 LECTURE HOURS)
Allows students a variety of experiences in tutorial and enhanced learning activities in the reading, writing, math, and ESL. Topics include academic support, learning styles, and contextualized learning. Students will acquire reading, English composition, English as a Second Language and/or mathematics skills through the use of course tutorial software and individualized instruction.
Location(s): Online

AAA 1001 COLLEGE 101: THE STUDENT EXPERIENCE/I
(15 LECTURE HOURS)
Introduces students to college culture and prepares them for the challenges they will face in higher education. Through a series of interactive seminars, students discover learning in a multicultural environment and use college and community resources to attain education and career goals.
Location(s): Online

AAA 1009 ADVANCED ACADEMIC ACHIEVEMENT/3
(45 LECTURE HOURS)
Examines theories and practices associated with successful learning to enhance college success. Techniques covered include academic proficiency, personal management, effective collegiate communication, critical and creative thinking, development of community, awareness of diverse identities, and educational and career planning.
Location(s): Online

ACCOUNTING

ACC 1001 FUNDAMENTALS OF ACCOUNTING/3
(45 LECTURE HOURS)
Introduces accounting fundamentals with emphasis on the procedures and practices used in business organizations. Major topics include the accounting cycle for service and merchandising companies, including end-of-period reporting.
Location(s): Online

ACC 1011 INTRODUCTION TO FINANCIAL ACCOUTING/3
(45 LECTURE HOURS)
Focuses on financial accounting concepts prescribed by Generally Accepted Accounting Principles (GAAP), including financial information for external partners, the accounting cycle process, basic terminology, transaction analysis, internal control systems, and financial statement preparation and analysis.
Location(s): Craig; Rangely; Online

ACC 1012 INTRO TO MANIGERIAL ACCOUTING/3
(45 LECTURE HOURS)
Focuses on the fundamentals of managerial accounting and cost management as tools to aid internal users' decision-making processes. This course covers basic managerial accounting concepts, such as product costing and cost behavior and control. It also covers internal management decision making tools, including cost-volume-profit analysis, budgeting, cost analysis, and planning and control systems.
Location(s): Craig; Rangely; Online

ACC 1015 PAYROLL ACCOUNTING/3
(45 LECTURE HOURS)
Co-requisite: **ACC 1001 or ACC 1011 or ACC 1021.**
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.
Location(s): Online

ACC 1021 ACCOUNTING PRINCIPLES I/4
(60 LECTURE HOURS)
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
Location(s): Craig, Rangely and Online

ACC 1022 ACCOUNTING PRINCIPLES II/4 (60 LECTURE HOURS)
Prerequisite: ACC 1021.
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.
Location(s): Craig;Rangely; Online

ACC 1025 COMPUTERIZED ACCOUNTING/3 (45 LECTURE HOURS)
Prerequisite or Corequisite: ACC 1001 or 1011 or 1021.
Introduces the capabilities of computer applications in accounting. Includes solving accounting problems of a financial nature and hardware and software controls.
Location(s): Online

ACC 1031 INCOME TAX/3 (45 LECTURE HOURS)
Strongly Recommended: ACC 1021
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.
Location(s): Online

ACC 1032 TAX HELP COLORADO/2 (30 LECTURE HOURS)
Examines the preparation of individual, federal, and state income tax returns within the guidelines and limitations set forth by the Tax Help Colorado program and IRS guidelines. Emphasis is placed on form preparation with the use of tax software.
Location(s): Online

ACC 1035 SPREADSHEET APPLICATIONS FOR ACCOUNTING/3 (45 LECTURE HOURS)
Prerequisites: ACC 1001, ACC 1011 OR ACC 1021 and CIS 1018 or CIS 1055
This course introduces spreadsheets as an accounting tool. Using an accounting perspective, the student applies fundamental spreadsheet concepts. The spreadsheet is used as a problem solving and decision-making tool.
Location(s): Online

ACC 1038 PAYROLL AND SALES TAX /3 (45 LECTURE HOURS)
Introduces laws pertaining to payroll and sales taxes including record keeping rules; preparation of various federal, state and local forms for reporting payroll and sales taxes; and computerized payroll procedures.
Location(s): Online

ACC 2011 INTERMEDIATE ACCOUNTING I /4 (45 LECTURE HOURS)
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. Focus is 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 issues.
Location(s): Online

ACC 2012 INTERMEDIATE ACCOUNTING II/4 (60 LECTURE HOURS)
Prerequisite: ACC 2011
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.
Location(s): Online

ACC 2015 ACCOUNTING INFORMATION SYSTEMS & EBUSINESS/3 (45 LECTURE HOURS)
Prerequisite: ACC 1012 OR ACC 1022.
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, and electronic funds transfer and web commerce are explored.
Location(s): Online

ACC 2016 GOVERNMENTAL & NOT-FOR-PROFIT ACCOUNTING/3 (45 LECTURE HOURS)
Prerequisite: ACC 1012 or ACC 1022
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.
Location(s): Online

ACC 2026 COST ACCOUNTING /3
(45 LECTURE HOURS)
Prerequisite: ACC 1021 or ACC 1022
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.
Location(s): Online

ACC 2027 COST ACCOUNTING II /3
(45 LECTURE HOURS)
Prerequisite: ACC 2026.
Continues ACC 226 and focuses on the decision making aspects of managerial accounting using electronic spreadsheet applications for assigned problems. Topics include product pricing strategy, capital budgeting, statement of cash flow, and application of linear programming.
LOCATION(S): ONLINE

ACC 2031 BUSINESS TAXATION /3
(45 LECTURE HOURS)
Introduces student 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.
Location(s): Online

ACC 2035 COMPUTERIZED ACCOUNTING: SMALL BUSINESS /3
(45 LECTURE HOURS)
Introduces an electronic accounting application for use in a small business. This course will focus on installing and launching the application, converting a manual accounting system to an electronic system, recording daily transactions, and summarizing records in reports for a complete financial picture.
Location(s): Online
ACC 2045 COMPUTERIZED ACCOUNTING PROFESSIONAL PACKAGE /3
(45 LECTURE HOURS)
Integrates accounting principles and practices with a computerized accounting package such as Peachtree, DacEasy, or other professional package. Emphasizes computerized functions of the general ledger and integrated accounts payable, accounts receivable, invoicing and payroll systems.
Location(s): Online
ACC 2080 INTERNSHIP/3
(90 CONTACT HOURS)
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.
Location(s): Craig; Rangely

ACC 2089 CAPSTONE /0-12
(45 CONTACT HOURS/CREDIT)
Provides a demonstrated culmination of learning within a given program of study.
Location(s): Online

ADVENTURE GUIDE

ADG 1050 OUTFITTING AND GENERAL GUIDING/5
(112.5 LAB HOURS)
Prerequisite: ASC 2043 or Program approval
Teaches the fundamental skills needed to plan and implement guided backcountry trips using horses and mules.
Location(s): Rangely

AGRICULTURE BUSINESS

AGB 1002 FOUNDATIONS OF AGRI-BUSINESS/3
(45 LECTURE HOURS)
Focuses on the foundational aspects of the primary agriculture business areas including economics, management, marketing, sales, and finance in an applied manner. Current events in agriculture are discussed with emphasis on application to agribusiness.
Location(s): Online

AGB 1080 AGRI-BUSINESS INTERNSHIP I/0-12
(45 HOURS PER CREDIT)
Receives particular training on the job as an employee in the agri-business industry. The student gains experience in various phases of the business through performing the functions and duties assigned by their employer.
Location(s): Concurrent

AGB 2080 PRODUCTION AG INTERNSHIP/0-12 (45 hours per credit)
To be determined by the individual instructor. A Course Description will be developed for each course and documented within the course syllabus.
Location(s): Rangely, Craig

AGRICULTURE ECONOMICS

AGE 1102 AGRICULTURE ECONOMICS/3
(45 LECTURE HOURS)
Focuses on economic principles as applied to agriculture through price discovery with producer supply and consumer demand, governmental policies, rural development, and resource management. (*SS1)*
Location(s): Rangely; Craig

AGE 2105 FARM AND RANCH MANAGEMENT/3
(30 LECTURE HOURS; 30 LAB HOURS)
Provide students with practical experience in applying principles of economics, business, marketing and finance to the management of a farm/ranch operation.
Location(s): Rangely, Craig or Concurrent

AGE 2108 AGRICULTURE FINANCE/3
(45 LECTURE HOURS)
Prerequisite: AGE 2105
Emphasizes principles of finance and their application to agriculture and agribusiness, including the time value of money, net present value analysis, and interest, credit lending institutions, financial statements and financial ratios.
Location(s): Rangely; Craig or Concurrent

AGE 2110 AGRICULTURE MARKETING/3
(45 LECTURE HOURS)
Studies the agricultural marketing system and methods of marketing crops and livestock. Emphasizes hedging with futures options.
Location(s): Rangely or Craig

AGRICULTURE

AGR 1085 INDEPENDENT STUDY/0-12
(45 HOURS PER CREDIT)
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified teacher.
Location(s): Concurrent

AGR 2160 WORLD INTERDEPENDENCE-POPULATION AND FOOD/3
(45 LECTURE HOURS)
Covers the study of world population and food production and distribution. Problems and opportunities concerning population and food are discussed in a global context. (*SS3)*
Location(s): Rangely or Craig

AGRICULTURE CROPS & SOILS

AGY 1100 GENERAL CROP PRODUCTION/4
(45 LECTURE HOURS; 30 LAB HOURS)
Focuses on production and adaptation of cultivated crops, principles affecting growth, development, management, and utilization.
AGY 2140 INTRODUCTORY SOIL SCIENCE/4
(45 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: CHE 1011 or 1111 or instructor permission
Focuses on formation, physical properties, chemical properties and management of soils emphasizing conditions that affect plant growth. (*SC1)*

AGRICULTURE DIESEL AND EQUIPMENT

ADE 1035 SMALL GASOLINE ENGINES/4
(75 CONTACT HOURS)
Teaches the theory of both the 2-cycle and 4-cycle engines to help the student effectively adjust, maintain, overhaul, and trouble-shoot these engines in a minimum amount of time.
Location(s): Concurrent

AGRICULTURE MECHANICS

AME 1005 BASIC AG MECHANIC SKILLS/2
(15 LECTURE HOURS; 30 LAB HOURS)
Covers safety, proper tool use, tool reconditioning, A.C. electricity, D.C. electricity, and domestic water supply and farm sanitation systems.
Location(s): Concurrent

AME 1007 GENERAL POWER MECHANICS/2
(15 LECTURE HOURS; 30 LAB HOURS)
Teaches the theory of operation and maintenance of small engines and related power equipment used on the farm.
Location(s): Concurrent

AME 1018 FARM CARPENTRY/3
(15 LECTURE HOURS; 60 LAB HOURS)
Focuses on safety, hand and power tool use, farm building planning and site location, concrete, farm building design and construction and materials of construction.
Location(s): Concurrent

AME 1025 AGRICULTURAL MACHINERY/3
(30 LECTURE HOURS; 30 LAB HOURS)
Emphasizes the safe operation, construction, purpose, maintenance and adjustment of farm machinery.

AME 1051 FUNDAMENTALS OF WELDING/3
(15 LECTURE HOURS; 60 LAB HOURS)
Develops basic welding skills, principles, and practices in arc and oxy-acetylene welding.

Location(s): Concurrent

AGRICULTURAL PRODUCTION

AGP 1060 RANCH HORSEMANSHIP SKILLS/2
(30 LECTURE HOURS)
Prerequisites: ASC 2043 or Program Approval
Offers an introduction to the skills utilized in ranching operations where horses are involved in moving, sorting, and restraining cattle. Emphasis is placed on safety, proper techniques and in developing proficiency in equipment selection and care, basic horsemanship, riding, and roping.
Location(s): Rangely

AGP 1080 PRODUCTION AG INTERNSHIP/0-12 (45 HOURS PER CREDIT)
To be determined by the individual instructor. A course description will be developed for each course and documented within the course syllabus
Location(s): Concurrent

AGP 2080 PRODUCTION AG INTERNSHIP/0-12 (45 HOURS PER CREDIT)
To be determined by the individual instructor. A course description will be developed for each course and documented within the course syllabus
Location(s): Rangely, Craig

AMERICAN SIGN LANGUAGE

ASL 1101 BASIC SIGN LANGUAGE I/3
(45 LECTURE HOURS)
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.
Location(s): Online

ASL 1121 AMERICAN SIGN LANGUAGE I/5
(75 LECTURE HOURS)
Exposes the student to American Sign Language. Readiness activities are conducted focusing on visual/receptive skills and basic communication. Utilizes the direct experience method. Students must complete this course with a `B` or higher or pass the ASL proficiency test with a score of at least 80% or better prior to registering for ASL 122 if planning to enroll in the Interpreter Preparation Program.
Location(s): Online

ANIMAL SCIENCE

ASC 1043 ELEMENTARY WESTERN EQUITATION/2
(60 LAB HOURS)
Provides the student with an introduction to basic safe handling and riding of the western horse.
Location(s): Craig

ASC 1045 ELEMENTARY ENGLISH EQUITATION/2
(60 LAB HOURS)
Provides the student with an introduction to basic safe handling and riding of the English horse.
Location(s): Craig

ASC 1085 INDEPENDENT STUDY/0-12
(45 HOURS PER CREDIT)
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified teacher.
Location(s): Craig; Rangely; Concurrent

ASC 1100 ANIMAL SCIENCE/3
(45 LECTURE HOURS)
Prerequisite: ENG 0092
Studies the basic fundamentals of livestock production pertaining to principles of breeding, genetics, nutrition, health, and physiology of beef, sheep, swine, dairy, and horses. Focuses on the Animal Science Industry in general and each species industry in regard to history, current situation, and future direction.
Location(s): Craig or Rangely or Concurrent

ASC 1102 INTRODUCTION TO EQUINE SCIENCE/4

(45 LECTURE HOURS; 30 LAB HOURS)
Covers the basics of the equine industry, breeds, selection, form to function, care and management, soundness, health, reproduction, feeding, facilities, physiology, production systems and management systems
Location(s): Rangely: Craig

ASC 2016 INTERMEDIATE ENGLISH EQUITATION/2
(60 LAB HOURS)
Provides the advanced English rider with an introduction to jumping.
Location(s): Craig

ASC 2043 INTERMEDIATE WESTERN EQUITATION/2
(60 LAB HOURS)
Prerequisite: ASC 1043
Provides the student basic to intermediate horsemanship and maneuvers, improved body position, and advanced control.
Location(s): Craig

ASC 2045 EQUINE EVALUATION/3
(30 LECTURE HOURS; 15 LAB HOURS)
Focuses on a system of development for evaluating a horse's conformation and its relationship to performance. Covers various aspects of evaluating horses while enhancing the student's deductive reasoning and public speaking skills. **Location(s):** Rangely or Craig

ASC 2125 FEEDS AND FEEDING/4
(45 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: ASC 1100
Focuses on the basic nutrients, common feeds and feed additives, anatomy of digestive systems, and basic feeding practices for beef, sheep, and dairy. The lab portion of the class is devoted to calculating and balancing rations to fulfill nutrient requirement for farm animals for growth, finishing, reproduction, lactation, work, and wool production. Explores least cost ration balancing on the computer.
Location(s): Rangely; Craig

ASC 2130 FARM ANIMAL ANATOMY & PHYSIOLOGY/3
(45 LECTURE HOURS)
Prerequisite: BIO 1111
Introduces students to the basic concepts of farm animal anatomy and physiology with emphasis on concepts relating to nutrition, reproduction, Immunology, and growth of the basic farm species. ~Anatomy and Physiology is taught in the context of applying basic principles to production practices in the industry including reproductive management, livestock nutrition management, and animal health practices.
Location(s): Rangely; Craig

ASC 2150 LIVE ANIMAL AND CARCASS EVALUATION/3
(67.5 LECTURE HOURS)
Prerequisite: ASC 1100
Explores meat carcass evaluation and the related yield and quality grading system. Emphasizes selection of breeding stock based on performance data. Covers comparative selection, grading, and judging of market and breeding classes of livestock based on knowledge of phenotype, performance, information, and/or carcass merit.
Location(s): Rangely; Craig

ASC 2188 LIVESTOCK PRACTICUM/2
(90 PRACTICUM HOURS)
Provides experiential learning with beef cattle, dairy cattle, swine and sheep**.**
Location(s): Rangely; Craig

ANTHROPOLOGY

ANT 1001 CULTURAL ANTHROPOLOGY/3
(45 LECTURE HOURS)
Examines the study of human cultural patterns, including communication, economic systems, social and political organizations, religion, healing systems, and cultural change. (SS3)
Location(s): Online

ANT 1002 CULTURAL ANTHROPOLOGY LAB/1
(30 LAB HOURS)
Studies the art and science of ethnographic research methods. This course analyzes classic ethnographies, conducts field research projects, writes model ethnographies and ethnologies, and addresses ethical debates and controversies. (SS3)
Location(s): Online

ANT 1003 INTRODUCTION TO ARCHAEOLOGY/3
(45 LECTURE HOURS)
Introduces the science of recovering the human prehistoric and historic past through excavation, analysis, and interpretation of material remains. The course provides a survey of the archaeology of different areas of the Old and New Worlds, the works of selected archaeologists, and major archaeological theories. (SS3)
Location(s): Online

ANT 1004 ARCHAEOLOGY LABORATORY/1
(30 LAB HOURS)
Studies analytical methods in archaeological research including those employed in the field and in the laboratory. This course utilizes practical exercises to illustrate theoretical principles of archaeology, including methods of archaeological survey, excavation, artifact analysis, collection strategies, mapping strategies, and field interpretation. (SS3)
Location(s): Online

ANT 1005 BIOLOGICAL ANTHROPOLOGY WITH LABORATORY/4
(45 LECTURE HOURS; 30 LAB HOURS)
Focuses on the study of the human species and related organisms, and examines principles of genetics, evolution, anatomy, classification, and ecology, including a survey of human variation and adaptation, living primate biology and behavior, and primate and human fossil evolutionary history. (*SC1)*
Location(s): Online

ANT 1131 CULTURES OF THE SOUTHWEST/3
(45 LECTURE HOURS)
Explores 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 course 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.
Location(s): Rangely

ANT 1208 ARCHAEOLOGY OF WORLD ROCK ART/3
(45 LECTURE HOURS)
Introduces the archaeology of New and Old-World rock art dating from the historic past to over 30,000 years ago using a scientific perspective. Presents classification, recordation, dating, analysis, management and conservation, research ethics and protocols, and symbolic and ethnographic interpretation, and addresses other formal approaches that are established as well as emerging theory. (SS3)
Location(s): Online

ANT 2075 SPECIAL TOPICS/0.5-6 CREDITS
(7– 225 LECTURE/LAB HOURS)
Provides opportunity for off-campus field experience or study of a special topic in anthropology. Field study may occur at archaeological sites, museums, host educational institutions, within ethnographic situations, or other anthropologically appropriate places. Study of a special topic may include that derived from physical anthropology, cultural anthropology archaeology, or other anthropological discipline.
Location(s): Craig

ANT 2115 INATIVE PEOPLES OF NORTH AMERICA/3
(45 LECTURE HOURS)
Studies 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. (SS3)
Location(s): Online

ANT 2125 ANTHROPOLOGY OF RELIGION GT: SS3/3
(45 LECTURE HOURS)
Explores the culturally universal phenomenon of religion including cross-cultural varieties of beliefs in the supernatural and the religious rituals people employ to interpret and control their worlds. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Location(s): Online

ANT 2218 ARCHAEOLOGY OF THE BIBLE /3
(45 CREDIT HOURS)
Examining the early civilizations and major cities described in the Bible, this course is designed to use the methods and critical examination of archaeology. Students will explore the cultural history of the Near East from the Neolithic period to the end of the Iron Age. Students will focus on the Old Testament starting with the domestication of plants and animals in the Neolithic, followed by the development of villages, and then by cities in Israel, Babylon and Egypt.
Location(s): Online

ANT 2550 MEDICAL ANTHROPOLOGY/3
(45 LECTURE HOURS)
Explores the basic principles of medical anthropology, an applied field within the discipline of cultural anthropology, including the cross-cultural study of illness, health, healing, death, globalization, and the interaction of medical systems between cultures. (SS3)
LOCATION(S): ONLINE

ANT 2315 INTRODUCTION TO FORENSIC ANTHROPOLOGY/3
(45 LECTURE HOURS)
Studies the basic principles of forensic anthropology, an applied field within the discipline of physical anthropology. The course includes the study of the human skeleton, practical application of physical anthropology and archaeology, and judicial procedure, as they relate to the identification of human remains within a medico-legal context. *(SS3)*
Location(s): Online

ARCHITECTURAL ENGINEERING & CONSTRUCTION MANAGEMENT

AEC 1110 HISTORY OF ARCHITECTURE /3
(45 LECTURE HOURS)

This course will cover major periods of architectural development. Social and cultural values influencing architecture will be highlighted as well as the interaction of art, engineering, and architecture as forms of expression.
Location(s): Online

AEC 1200 PRINT READING RESIDENTIAL/COMMERCIAL /3
(45 LECTURE HOURS)
Interpret construction prints and the related documents produced by the residential or commercial architect and used in the construction industry.
Location(s): Online

AEC 1510 BUILDING MATERIALS /3
(45 LECTURE HOURS)
The study of building materials and methods commonly used within the construction industry. Includes interior and exterior materials used in everything from foundations to roof systems.
Location(s): Online

AEC 2300 SUSTAINABLE BUILDING SYSTEMS /3
(45 LECTURE HOURS)
Investigates the technologies and strategies related to sustainable (green) materials and systems for buildings. Topics include energy and environmental consciousness/regulations; the high-performance building envelope; alternative construction techniques (adobe, cob, rammed earth, straw bale); microclimate/site factors; sustainable/green materials; and passive solar; active thermal solar, photovoltaic energy, wind energy conversion; on site water use/reuse and waste disposal systems.
Location(s): Online

ART

ART 1002 VISUAL CONCEPTS 2-D DESIGN/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two-dimensional media.
Location(s): Craig; Concurrent

ART 1003 VISUAL CONCEPTS 3-D DESIGN/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Focuses on learning to apply the elements and principles of design to three dimensional problems.

ART 1005 DIGITAL ART FOUNDATIONS I /3
(45 LECTURE HOURS)
Explores visual problem solving using digital tools for fine art. Students will learn to draw and paint in a variety of artistic modalities using color and grayscale. Two-dimensional to three-dimensional observation exercises in composition will be explored. Students will develop their skills in gesture and contour drawing, painterly expression, and artistic elements while using the computer as an art tool. Use of systematic applications for development and presentation of ideas is practiced using vector and raster software. No computer experience is necessary.
Location(s): Online

ART 1110 ART APPRECIATION/3
(45 LECTURE HOURS)
Introduces the cultural significance of the visual arts, including media, processes, techniques, traditions, and terminology. *(AH1)*
Location(s): Craig; Rangely; Online; Concurrent

ART 1111 ART HISTORY: ANCIENT TO MEDIEVAL I/3
(45 LECTURE HOURS)
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. *(AH1)*
Location(s): Craig; Online; Concurrent

ART 1112 ART HISTORY: RENAISSANCE TO MODERN II/3
(45 LECTURE HOURS)
Provides the knowledge base to understand the visual arts, especially as related to Western culture. Surveys the visual arts from the Renaissance to 1900. *(AH1)*
Location(s): Online

ART 1113 ART HISTORY 1900 TO PRESENT/3
(45 LECTURE HOURS)
Provides students with the knowledge base to understand the visual arts as related to Modern and Contemporary visual art. Surveys world art of the twentieth century, including Modernism to Post-Modernism. *(AH1)*

ART 1201 DRAWING ME /3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Investigates the various approaches and media that students need to develop drawing skills and visual perception.
Location(s): Concurrent

ART 1202 DRAWING II/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Explores expressive drawing techniques with an emphasis on formal composition, color media and content or thematic development.

ART 1203 FIGURE DRAWING I3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Introduces the basic techniques of drawing the human figure.

ART 1301 PAINTING I/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
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.

ART 1302 PAINTING II/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Prerequisite: ART1301
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.

ART 1307 WATERCOLOR I/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Provides on 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.

ART 1401 DIGITAL PHOTOGRAPHY I /3
(45 LECTURE HOURS)
Presents the fundamentals of Fine Art digital photography, including camera equipment and software used for image capture, management and manipulation. Topics include camera settings and exposure control, composition, working with light and time, and creative image manipulation.
Location(s): Online

ART 1601 SCUPLTURE I/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Introduces the fundamentals of sculpture such as modeling, casting, carving, and the processes of assemblage.

ART 1701 HANDBUILT CLAY I/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Provides instruction in several methods of hand building and the study of functional and decorative design elements

ART 1703 CERAMICS I/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Introduces traditional and contemporary ceramic forms and processes including hand building and throwing on the potter's wheel.
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ART 1704 CERAMICS II/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Prerequisite: ART 1703
A continuation of ART 1703, this course emphasizes skill, technique and form.

ART 2301 PAINTING III/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
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.

ART 2703 CERAMICS III/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Encourages students to develop an individual style of wheel thrown and hand built ceramic forms with continuing involvement in surface treatment.

ART 2704 CERAMICS IV/3
(15 LECTURE HOURS; 60 ART STUDIO HOURS)
Continues advanced work with emphasis on various clay bodies, unique glazes and engobes, and combining different textures and shapes, and development of personal forms.

ASTRONOMY

AST 1110 PLANETARY ASTRONOMY W/LAB/4
(45 LECTURE HOURS; 30 LAB HOURS)
Focuses on the history of astronomy, naked-eye sky observation, tools of the astronomer, contents of the solar system and life in the universe. Incorporates laboratory experience.
Location(s): Craig; Online

AST 1120 STELLAR ASTRONOMY W/LAB/4
(45 LECTURE HOURS; 30 LAB HOURS)
Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe as a whole, including cosmology and relativity. Stellar phenomena including white dwarves, black holes will be explored. Incorporates laboratory experience. (SC1)
Location(s): Craig; Online

ST 1140 ASTRONOMY OF ANCIENT CULTURES/3
(45 LECTURE HOURS)
Introduces the study of archeoastronomy and ethnoastronomy. The principles of unaided eye observational astronomy, timekeeping, navigation, religion and ritual, political power, cosmology, and worldview are covered. Methods of the ethnoastronomer, including measurement of architectural alignments, analysis of written records, examination of art, and general knowledge about a culture, will be discussed. (SC2)
Location(s): Online

AST 1150 ASTROBIOLOGY
(45 LECTURE HOURS)
Introduces the interdisciplinary and scientific study of the search for life in the universe. Questions of how life begins and evolves on Earth, the possibilities of other life in the solar system, the galaxy, and throughout the universe will be examined. Investigation of current explorations and the search for extraterrestrial life will also be covered. (SC2)
Location(s): Rangely

AST 1160 COSMOLOGY: ORIGIN AND EVOLUTION OF THE UNIVERSE/3
(45 LECTURE HOURS)
Explores the birth, large-scale structure, and eventual fate of the universe. Evidence for, and science behind, the Big Bang and inflation, the expanding universe, dark matter and dark energy, and the possible futures of the universe as a whole are presented. Unification theories may be covered. (SC2)
Location(s): Online

AUTOMOTIVE

ASE 1002 INTRO TO THE AUTOMOTIVE SHOP/2
(30 LECTURE HOURS)
Prepares the incoming automotive student to work in the shop safely and gain familiarity with the shop and common equipment.
Location(s): Craig

ASE 1003 AUTO MAINTENANCE I/2
(30 LECTURE HOURS)
This course addresses three primary areas of concern for the average car owner. The first is the basics of how various systems on the automobile work. The second is the maintenance required for the vehicle. The third is the financial concerns of owning the vehicle.
Location(s): Craig

ASE 1010 BRAKES I/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Covers basic operation of automotive braking systems. Includes operation, diagnosis, and basic repair of disc, drum, and basic hydraulic braking systems.
Location(s): Craig

ASE 1011 AUTO BRAKE II/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Teaches skills to perform service checks and procedures to automotive foundation braking system and to identify components and types of ABS and traction control systems.
Location(s): Craig

ASE 1020 BASIC AUTO ELECTRICITY/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Introduces vehicle electricity and includes basic electrical theory, circuit designs, and wiring methods. Focuses on multi-meter usage and wiring diagrams.
Location(s): Craig

ASE 1022 AUTO ELECTRICAL SAFEY SYSTEMS/I
(22.5 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Teaches the student to Identify operation of vehicle lighting systems, Supplemental Inflatable Restraints (SIR), windshield wiper, driver warning systems and vehicle accessories.
Location(s): Craig

ASE 1023 STARTING & CHARGING SYS/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1

Covers the operation, testing and servicing of vehicle battery, starting and charging systems. Includes voltage testing of starter and generator, load testing and maintenance of a battery.
Location(s): Craig

ASE 1030 GENERAL ENGINE DIAGNOSIS/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Teaches students how to perform basic engine diagnosis to determine condition of engine. This will include engine support systems.
Location(s): Craig

ASE 1034 AUTOFUEL & EMISSION SYSTEMS I/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on lecture and laboratory experiences in the diagnosis and repair of automotive fuel emission control systems, filter systems and spark plugs. Course also includes maintenance to diesel (DEF) systems.
Location(s): Craig

ASE 1040 STEERING & SUSPENSION I/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on lecture and related experiences in the diagnosis and service of suspensions and steering systems and their components.
Location(s): Craig

ASE 1041 SUSPENSION & STEERING II/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Covers design, diagnosis, inspection, and service of suspension and steering systems used on light trucks and automobiles. Course includes power steering and SRS service.
Location(s): Craig

ASE 1050 MANUAL DRIVE TRAIN & AXLE MAINTENANCE/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Studies the operating principles and repair procedures relating to axle-shaft and universal joints.
Location(s): Craig

ASE 1051 AUTOMOTIVE MANUAL TRANSMISSION/TRANSAXLES & CLUTCHES/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on lecture and related laboratory experiences in the diagnosis and repair of automotive manual transmissions, transaxles and clutches and related components.
Location(s): Craig

ASE 1052 MANUAL TRANSMISSION, TRANSAXLES & CLUTCHES II/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on lecture and related laboratory experiences in the diagnosis and repair of automotive differentials, four wheel and all-wheel drive units.
Location(s): Craig

ASE 1060 AUTOMOTIVE ENGINE REPAIR /2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on lecture and laboratory experiences in the service of cylinder head, valve-train components and components of the cooling system. Course also includes engine removal and re-installation and re-mounting systems.
Location(s): Craig

ASE 1061 ENGINE REPAIR & REBUILD/3
(67.5 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
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.
Location(s): Craig

ASE 1062 AUTOMOTIVE ENGINE SERVICE /2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Covers engine sealing requirements and repair procedures; engine fasteners, bolt torque and repair of fasteners. Course will also cover cooling system and basic engine maintenance.
Location(s): Craig

ASE 1070 LABORATORY EXPERIENCE I/1
(37.5 CONTACT HOURS)
Continues to build upon the principles that are expected to be understood by students.
Location(s): Craig

ASE 1071 LABORATORY EXPERIENCE II/1
(37.5 CONTACT HOURS)
Continues to build upon the principles that are expected to be understood by students.

Location(s): Craig

ASE 1080 INTERNSHIP/1
Prerequisite: ASE 1002, ASE 1003 or ASE G1
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.
Location(s): Craig

ASE 2010 AUTOMOTIVE POWER AND ABS BRAKE SYSTEMS/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
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.
Location(s): Craig

ASE 2020 SPECIALIZED ELECTRONICS TRAINING/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
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.
Location(s): Craig

ASE 2021 AUTO/DIESEL BODY ELECTRICAL/4
(90 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.
Location(s): Craig

ASE 2031 AUTOMOTIVE COMPUTERS & IGNITION SYSTEMS/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on lecture and laboratory experiences in the inspection and testing of typical computerized engine control systems.
Location(s): Craig

ASE 2033 AUTO FUEL INJECTION AND EMISSION SYSTEMS II/4
(90 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on lecture and related laboratory experiences in the diagnosis and repair of electronic fuel injection systems and modern exhaust systems.
Location(s): Craig

ASE 2035 DRIVEABILITY & DIAGNOSIS/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Emphasizes lecture and related laboratory experience in diagnostic techniques and the use of diagnostic scan tools, oscilloscopes, lab scopes, multi-meters and gas analyzers. Students diagnose live vehicle drivability problems.
Location(s): Craig

ASE 2036 ADVANCED DRIVEABILITY DIAGNOSIS/REPAIR/4
(90 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on lecture and laboratory experiences in the inspection, testing and repair of typical computerized engine control systems on customer vehicles.
Location(s): Craig

ASE 2040 SUSPENSION AND STEERING II/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Covers operation of steering and power steering systems. It will also include different alignment types and procedures.
Location(s): Craig

ASE 2050 AUTOMATIC TRANSMISSION/ TRANSAXLE SERVICE/1
(22.5 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on practical methods of maintaining, servicing, and performing minor adjustments on an automatic transmission and transaxle.
Location(s): Craig

ASE 2051 AUTOMATIC TRANSMISSION/ TRANSAXLE SERVICE/2
(45 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Focuses on practical methods of maintaining, servicing, and performing minor adjustments on an automatic transmission and transaxle.
Location(s): Craig

ASE 2064 INTRO TO HVAC SYSTEMS/1
(22.5 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Covers basic operation of the Heating and Air Conditioning components.
Location(s): Craig

ASE 2065 HEATING AND AIR CONDITIONING SYSTEMS/4
(90 CONTACT HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Emphasizes lecture and related laboratory experiences in the diagnosis and service of vehicle heating and air conditioning systems and their components
Location(s): Craig

ASE 2087 COOPERATIVE INTERNSHIP/1-12
(UP TO 450 INTERNSHIP HOURS)
Prerequisite: ASE 1002, ASE 1003 or ASE G1
Develops practical objectives assigned by an automotive employer providing an on-the-job learning experience at an approved automotive repair facility.
Location(s): Craig

AVIATION MAINTENANCE TECHNOLOGY

AMT 1001 A&P PREPARATION/4
(45 LECTURE HOURS; 30 LAB HOURS)
Covers basic subjects, such as mathematics, physics and aircraft drawings and provides a foundation for further studies in the A&P program.
Location(s): Rangely

AMT 1002 BASIC ELECTRICS/4
(45 LECTURE HOURS; 30 LAB HOURS)
Covers basic ac and dc electric theory as applied to aircraft systems.
Location(s): Rangely

AMT 1003 WEIGHT & BALANCE AND GROUND HANDLING/2
(15 LECTURE HOURS; 30 LAB HOURS)
Emphasizes aircraft weight and balance theory and the performance of weight and balance calculations. Also covers the requirements for ground handling, servicing, taxiing and towing aircraft.
Location(s): Rangely

AMT 1004 REGULATIONS & PUBLICATIONS/3
(30 LECTURE HOURS; 30 LAB HOURS)
Focuses on the Federal Aviation Administration and manufacturer's publications pertaining to aircraft operation and maintenance.
Location(s): Rangely

AMT 1005 MATERIALS AND PROCESSES/6
(75 LECTURE HOURS; 30 LAB HOURS)
Focuses on aircraft structures, materials, and hardware, the use of precision measuring tools, and methods of non-destructive testing.
Location(s): Rangely

AMT 1006 CORROSION CONTROL AND FLUID LINES/2
(15 LECTURE HOURS; 30 LAB HOURS)
Emphasizes the causes of corrosion and methods to prevent and treat corrosion in aircraft structures. Covers construction of rigid and flexible aircraft fluid lines.
Location(s): Rangely

AMT 1011 WOOD, FABRIC, AND FINISHES/2
(15 LECTURE HOURS; 30 LAB HOURS)
Focuses on application, maintenance and repair of aircraft structural wood and fabric covering materials, and the application and maintenance of protective finishes.
Location(s): Rangely

AMT 1012 SHEET METAL/6
(45 LECTURE HOURS; 90 LAB HOURS)
Covers characteristics of various aluminum alloys, the procedures and precautions used when working with them, the selection of appropriate hardware, and the principles of making repairs to aluminum structures.
Location(s): Rangely

AMT 1013 AIRCRAFT WELDING/1
(10 LECTURE HOURS; 20 LAB HOURS)
Focuses on varieties and methods of working with aircraft steel and the principles of soldering, silver soldering, gas arc and heliarc welding. Emphasizes gas welding of thin wall steel tubing.
Location(s): Rangely

AMT 1014 ASSEMBLY, RIGGING AND INSPECTION/3
(22.5 LECTURE HOURS; 45 LAB HOURS)
Focuses on materials and principles of aircraft control rigging and the replacement of structural aircraft components. Performs 100-hour and special inspections.
Location(s): Rangely

AMT 1015 COMPOSITE CONSTRUCTION/2
(15 LECTURE HOURS; 30 LAB HOURS)
Introduces composite materials as applied to aircraft construction and the maintenance and

repair of items made of these materials.
Location(s): Rangely

AMT 1021 HYDRAULIC SYSTEMS/3
(22.5 LECTURE HOURS; 45 LAB HOURS)
Focuses on hydraulic principles, hydraulic fluids, system components, and operation of hydraulic and pneumatic systems.
Location(s): Rangely

AMT 1022 AIRCRAFT ELECTRICS/4
(30 LECTURE HOURS; 60 LAB HOURS)
Prerequisite: AMT 1002
Focuses on the operation, troubleshooting and repair of aircraft electrical systems with emphasis on alternators, motors, and lighting systems and the wiring, control and circuit protection devices for each.
Location(s): Rangely

AMT 1023 INSTRUMENT AND WARNING SYSTEMS/2
(22.5 LECTURE HOURS; 15 LAB HOURS)
Emphasizes aircraft flight instrument theory and operation and the inspection, maintenance and installation requirements for these systems.
Location(s): Rangely

AMT 1024 FUEL SYSTEMS/2
(15 LECTURE HOURS; 30 LAB HOURS)
Focuses on the operation of aircraft fuel systems and the procedures utilized in inspecting, troubleshooting, and maintaining these systems.
Location(s): Rangely

AMT 1025 MISCELLANEOUS SYSTEMS/3
(30 LECTURE HOURS; 30 LAB HOURS)
Studies airframe systems including communication, navigation, fire warning and extinguishing, and cabin atmospheric control systems.
Location(s): Rangely

AMT 1026 AVIATION ELECTRONICS/3
(30 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: AMT 1002 or 1022.
Studies alternating current, capacitive and inductive circuits with emphasis on solid state and optical electric devices.
Location(s): Rangely

AMT 1027 LANDING GEAR SYSTEMS/3
(22.5 LECTURE HOURS; 45 LAB HOURS)
Focuses on operation, troubleshooting, and repair of aircraft landing gear systems.
Location(s): Rangely

AMT 2001 RECIPROCATING ENGINE THEORY/4
(45 LECTURE HOURS; 30 LAB HOURS)
Emphasizes the theory, operating principles, and construction features of aircraft reciprocating engines.
Location(s): Rangely

AMT 2002 RECIPROCATING FUEL METERING AND INDUCTION SYSTEMS/3
(30 LECTURE HOURS; 30 LAB HOURS)
Reviews aircraft fuel delivery system components and operating principles. Studies carburetor and fuel injection system controls that meter fuel to the engine.
Location(s): Rangely

AMT 2003 RECIPROCATING IGNITION SYSTEMS/2
(15 LECTURE HOURS; 30 LAB HOURS)
Introduces aircraft piston engine ignition systems, including classifications, components, theory, starting systems, maintenance, servicing, and repair.
Location(s): Rangely

AMT 2005 RECIPROCATING ENGINE MAINTENANCE/4
(15 LECTURE HOURS; 90 LAB HOURS)
Prerequisite: AMT 2001.
Focuses on engine maintenance and overhaul procedures and includes an actual engine overhaul.
Location(s): Rangely

AMT 2006 RECIPROCATING PROPELLER SYSTEMS/2
(15 LECTURE HOURS; 30 LAB HOURS)
Introduces the study of aircraft propellers including fixed pitch, constant speed, feathering, reversing, and de-icing systems.
Location(s): Rangely

AMT 2007 ENGINE ELECTRICS AND INSTRUMENT SYSTEMS/2
(15 LECTURE HOURS; 30 LAB HOURS)
Studies electric systems that apply to engine operation with emphasis on starting and generating systems. Also includes the pressure, temperature, position and speed indicating instruments that pertain to engine operation.
Location(s): Rangely

AMT 2011 TURBINE ENGINE THEORY/4
(45 LECTURE HOURS; 30 LAB HOURS)
Focuses on the theory, operating principles, and construction features of turbine aircraft engines.
Location(s): Rangely

AMT 2012 TURBINE FUEL SYSTEMS/2
(15 LECTURE HOURS; 30 LAB HOURS)
Studies turbine engine fuel delivery, fuel control operation, fuel control design, and maintenance procedures.
Location(s): Rangely

AMT 2013 MISCELLANEOUS TURBINE SYSTEMS/3
(22.5 LECTURE HOURS; 45 LAB HOURS)
Studies turbine engine starting, ignition, instrument and fire protection systems and the maintenance of these systems.
Location(s): Rangely

AMT 2015 TURBINE ENGINE MAINTENANCE/4
(15 LECTURE HOURS; 90 LAB HOURS)
Prerequisite: AMT 2011.
Focuses on maintenance and inspection practices pertaining to turbine aircraft engines.
Location(s): Rangely

AMT 2016 TURBINE PROPELLERS/1
(7.5 LECTURE HOURS; 15 LAB HOURS)
Covers turbo-prop system components, operations, and maintenance, including operation of a feathering and reversing turbo-prop.
Location(s): Rangely

AMT 2018 TROUBLESHOOTING/3
(22.5 LECTURE HOURS; 45 LAB HOURS)
Introduces students to principles of troubleshooting and a method of analyzing problems assisting students to better understand aircraft systems and extend the principles to troubleshooting of complex aircraft systems.
Location(s): Rangely

AMT 2080 INTERNSHIP/12
Provide hands-on experience in the aviation maintenance industry through application of class information to work experiences.
Location(s): Rangely

AVT 1000 AVIATION HERITAGE/3
(45 LECTURE HOURS)
Introduces students to the history of aviation and aeronautics. The course explores the history of flight and the science of flight within the context of culture, economics, society, politics, technology, and military/naval conflict. The student will gather information on the history of human flight. In addition, the student will investigate how the progress and development in aviation have and will impact the social, economic, technological and environmental aspects of our global community.
Location(s): Rangely

AVT 1001 PRIVATE PILOT GROUND
SCHOOL/4
(60 LECTURE HOURS)
Co-requisites: AVT 1002
Prepares student for the Private Pilot Airplane, Single Engine, Land FAA Knowledge Exam.
Location(s): Rangely

AVT 1005 AVIATION METEOROLOGY/4
(60 LECTURE HOURS)
Focuses on recognition, interpretation and evaluation of atmospheric weather as it relates to and affects aviation.
Location(s): Rangely

AVT 1010 AVIATION PHYSIOLOGY/3
(45 LECTURE HOURS)
Explores aeromedical information, causes, symptoms, prevention and treatment of flight environment disorders. Altitude effects, spatial disorientation, body heat imbalance, visual anomalies and psychological factors are included as they relate to pilot performance and survival effectiveness. Acquaints the student with the importance of physiological and psychological factors involved in flight and instills an appreciation of the requirements necessary to survive in the flight environment.
Location(s): Rangely

AVT 1011 INSTRUMENT PILOT GROUND SCHOOL/4
(60 LECTURE HOURS)
Prerequisites: AVT 1001
Focuses on preparation for the FAA Instrument Rating Knowledge Exam.
Location(s): Rangely

AVT 1021 PRIVATE PILOT FLIGHT I/2
(45 LAB HOURS)
Prerequisites: AVT 1001 or Instructor permission.
Focuses on flight training in preparation of Stage Check 1 for the Private Pilot Airplane, Single Engine Airplane. Land FAA Practical Test, and completing requirements for Stage 1 test.
Location(s): Rangely

AVT 1022 PRIVATE PILOT FLIGHT II/2
(45 LAB HOURS)
Prerequisites: AVT 1001 or Instructor permission.
Focuses on flight training in preparation of Stage Check 2 and Stage 3 for the Private Pilot Airplane, Single Engine Airplane. Land FAA Practical Test, and completing all requirements for the Private Pilot Certification.
Location(s): Rangely

AVT 1031 INSTRUMENT PILOT FLIGHT I/2
(45 LAB HOURS)
Prerequisites: AVT 1001 or Instructor permission.
Focuses on flight training in preparation of Stage Check 1 for the Instrument Pilot Airplane, Single Engine Airplane FAA Practical Test, and completing requirements for Instrument Rating.
Location(s): Rangely

AVT 1032 INSTRUMENT PILOT FLIGHT II/2
(45 LAB HOURS)
Prerequisites: AVT 1001 or Instructor permission.
Focuses on flight training in preparation of Stage Check 2 and Stage Check 3 for the Instrument Pilot Airplane, Single Engine Airplane FAA Practical Test, and completing all requirements for Instrument Rating.
Location(s): Rangely

AVT 1042 AIRCRAFT SYSTEMS A&P /4
(60 LECTURE HOURS)
Exposes students to intermediate structural components, aircraft systems, and power plants to supplement instruction received in flight training. This course goes beyond the basic level of knowledge taught in ground schools and enables the student to better diagnose and troubleshoot on ground and inflight emergencies.
Location(s): Rangely

AVT 1045 SIMULATOR LAB I/1
(22.5 LAB HOURS)
Prerequisites: AVT 1001, Airplane Single or Multi-Engine Land.
Reviews attitude instrument flight for the student who desires instruction in addition to their normal Instrument Training, or for rated Pilots desiring to upgrade or refresh their skills utilizing the Flight Training Device.
Location(s): Rangely

AVT 1046 SIMULATOR LAB II/1
(22.5 LAB HOURS)
Prerequisite: AVT 1045.
Continues training in the Flight Training Device for those having completed AVT 145 (Simulator Lab I).
Location(s): Rangely

AVT 1051 NIFA I/.5
(11.2 LAB HOURS)
The purposes of NIFA are to promote, encourage, and foster safety in aviation. These purposes shall be fulfilled by developing and advancing aviation education, conducting Regional and National Safety and Flight Evaluation Conferences (SAFECON) and promoting, encouraging, and fostering communication and cooperation among students, educators, educational institutions, and the aviation industry. NIFA I will be an introductory class for the familiarization of basic flight and ground events and how it relates to safety.
Location(s): Rangely

AVT 1060 INTRODUCTION TO UNMANNED AIRCRAFT SYSTEMS/3
(45 LECTURE HOURS)
Introduces the planning, regulatory, administrative, and operational processes and knowledge required for facilitating an unmanned aircraft systems (UAS). Course includes examination of the technologies associated with small, medium, and large unmanned aeronautical vehicles (UAVs), ground control stations (GCS), remote split operations, line-of-site operations, payloads, limitations, emergency procedures, and future implications as related to UAV/UAS in commercial and government settings. (Class is designed for any student with an interest in UAV/UAS operations.)
Location(s): Rangely

AVT 2001 COMMERCIAL PILOT GROUND SCHOOL/2
(30 LECTURE HOURS)
Prerequisites: AVT 1001 or Instructor Permission
Prepares the student for the Commercial Pilot Airplane, Single Engine, and Land FAA Knowledge Exam.
Location(s): Rangely

AVT 2002 COMMERICAL FLIGHT I/3
(67.5 LAB HOURS)

Prerequisite: AVT 1001 with an Instrument Rating or Department Chair permission.
This course is the first of a two-part sequence of flight training in preparation for the Commercial Pilot Certificate, Airplane, and Single Engine Land FAA Practical Test. Consists of the cross country aeronautical experience required for the Commercial Certificate.
Location(s): Rangely

AVT 2003 COMMERCIAL FLIGHT II/4
(90 LAB HOURS)
Prerequisites: AVT 2002 or Department Chair permission.
Continuation of flight training in preparation for the Commercial Pilot, Airplane Single Engine, Land FAA Practical Test, completing requirements for the Commercial Pilot Certificate.
Location(s): Rangely

AVT 2005 MOUNTAIN FLYING GROUND/1
(15 LECTURE HOURS)
Departmental permission.
Acquaints the student with the unique aspects of flying in mountainous terrain and the additional knowledge and proficiency necessary for safe and efficient operation in mountain and high altitude terrain.
Location(s): Rangely

AVT 2006 CREW RESOURCE MANAGEMENT/1
(15 LECTURE HOURS)
Prerequisite: Instrument Rating.
Focuses on classroom instruction coupled with Line Oriented Flight Training (LOFT) in a Flight Training Device. Covers the knowledge, skills, and attitudes necessary to enhance safety and operate effectively as a member of an airplane crew.
Location(s): Rangely

AVT 2007 MULTI-ENGINE GROUND SCHOOL/1
(15 LECTURE HOURS)
Prerequisite: AVT 1001 or Commercial Pilot Certificate for Airplane Single Engine Land.
Prepares the student for the FAA Practical Test for Private or Commercial Pilot, Airplane Multi-Engine Land.
Location(s): Rangely

AVT 2008 MULTI-ENGINE FLIGHT/1
(22.5 LAB HOURS)
Prerequisite: Private or Commercial Airplane, Single Engine, Land Pilot Certificate.
Focuses on flight training in preparation for the Airplane, Multi-Engine Rating and completing requirements for this Rating.
Location(s): Rangely

AVT 2011 FUNDAMENTALS OF INSTRUCTION/2
(30 LECTURE HOURS)
Prerequisite: Commercial Pilot Certificate with Instrument Rating.
Focuses on preparation for the FAA Fundamentals of Instructing Knowledge Exam.
Location(s): Rangely

AVT 2012 FLIGHT INSTRUCTOR GROUND SCHOOL/2
(30 LECTURE HOURS)
Prerequisite: AVT 2011 or equivalent.
Focuses on preparation for the FAA Flight Instructor Airplane Knowledge Exam.
Location(s): Rangely

AVT 2013 FLIGHT INSTRUCTOR FLIGHT/1
(22.5 LAB HOURS)
Prerequisite: AVT 2011 and 2012, or equivalent instruction and Department Chair permission.
Focuses on flight training in preparation for the Flight Instructor Airplane, Single-Engine Land FAA Practical Test, completing requirements for the Flight Instructor Certificate.
Location(s): Rangely

AVT 2021 INSTRUMENT INSTRUCTOR GROUND SCHOOL/2
(30 LECTURE HOURS)
Prerequisite: Flight Instructor Certificate – Airplane Single Engine Land, or consent of Department Chair.
Focuses on preparation for the FAA Instrument Instructor Knowledge Exam.
Location(s): Rangely

AVT 2022 INSTRUMENT INSTRUCTOR FLIGHT/1
(22.5 LAB HOURS)
Prerequisite: Flight Instructor Certificate, Airplane Single Engine Land.
Focuses on flight training in preparation for the Flight Instructor Instrument Airplane, Single-Engine Land FAA Practical Test, completing requirements for the Instrument Instructor Certificate.
Location(s): Rangely

AVT 2023 MULTI-ENGINE INSTRUCTOR FLIGHT/1
(22.5 LAB HOURS)
Prerequisite: Flight Instructor – Airplane Single Engine Land Certificate.
Focuses on flight Instruction in preparation for the addition of Multi-Engine Rating to the Flight Instructor Airplane Single Engine Land Certificate.
Location(s): Rangely

AVT 2035 PILOT REFRESHER FLIGHT/1
(22.5 LAB HOURS)
Prerequisite: Pilot Certificate.
Provides a refresher to allow a Certificated Pilot to maintain or regain proficiency. May count as a Flight Review when the requirements of CFR Part 61.56 are met.
Location(s): Rangely

AVT 2036 TAILWHEEL TRANSITION FLIGHT/1
(22.5 LAB HOURS)
Prerequisite: Private Pilot Certificate and Instructor permission.
Focuses on flight training in preparation to receive the Tail-Wheel Endorsement from a Certificated Flight Instructor.
Location(s): Rangely

AVT 2040 AIRPORT MANAGEMENT/3
(45 LECTURE HOURS)
Studies the modern airport and the factors involved in its management. Various management functions of administration, finance, capital finance, operation, maintenance and public relations are analyzed.
Location(s): Rangely

AVT 2041 AIRLINE TRANSPORT PILOT FLIGHT/1
(22.5 LAB HOURS)
Prerequisite: 1500 hours pilot time, at least 23 years of age, at least a current third class medical certificate, have passed the ATP Knowledge Exam within the previous two years, and be able to meet the requirements of CFR Part 61, Subpart G.
Focuses on flight instruction in preparation for the FAA Airline Transport Pilot Practical Test.
Location(s): Rangely

AVT 2075 SPECIAL TOPICS/0-12
(0-180 LECTURE HOURS)
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
Location(s): Rangely

UAS 1040 UNMANNED SYSTEMS FLIGHT AND CONTROL
(45 LECTURE HOURS)
Introduces the planning, regulatory, administrative, and operational processes and knowledge required for facilitating an unmanned aircraft systems (UAS). Course includes examination of the technologies associated with small, medium, and large unmanned aeronautical vehicles (UAVs), ground control stations (GCS), remote split operations, line-of-site operations, payloads, limitations,
Location(s): Rangely

BARBERING

BAR 1003 INTRODUCTION TO HAIR AND SCALP/1
(22.5 CONTACT HOURS)
Introduces various types of hair, scalp treatments and shampoos. Focuses on recognition and treatment of disorders of hair and scalp, product knowledge and proper massage techniques to help control these disorders and cleanse the hair and scalp. Covers terminology dealing with hair structure scalp and hair disorders. Training is provided in a lab or classroom setting.
Location(s): Craig

BAR 1007 INTRODUCTION TO SHAVING/HONING/STROPPING/1
(22.5 CONTACT HOURS)
Introduces the general principles of shaving to include hair texture, grain of the beard and analysis of the skin. Theory is combined with the practical application of proper shaving procedures and cutting strokes used on the face.
Location(s): Craig

BAR 1008 INTERMEDIATE SHAVING/ HONING/STROPPING/1
(22.5 CONTACT HOURS)
Focuses on theory and practical training related to mustache and beard designing and trimming. Practical applications are incorporated in specialized classes or in a supervised salon.
Location(s): Craig

BAR 1010 INTRODUCTION TO HAIR COLORING/3
(67.5 CONTACT HOURS)
Introduces theory pertaining to law of color, theory of color, chemistry of color, product knowledge, and analysis of hair and scalp. Focuses on basic techniques and procedures for the application of hair coloring.
Location(s): Craig

BAR 1011 INTERMEDIATE HAIR COLORING/2
(45 CONTACT HOURS)
Emphasizes theory and practical application of color products, formulations of color, and level and shades of color.
Location(s): Craig

BAR 1020 INTRODUCTION TO HAIR CUTTING/3
(67.5 CONTACT HOURS)
Introduces theory relevant to patron protection angles and degree and analysis of hair textures related to hair cutting. Covers proper use and

care of hair cutting implements. Introduces basic hair cutting techniques using scissors, razor, clippers, and thinning shears. Training is provided in a classroom or lab setting with students training on mannequins or models.
Location(s): Craig

BAR 1021 INTERMEDIATE HAIR CUTTING/3
(67.5 CONTACT HOURS)
Focuses on theory related to facial shapes and head and body forms to determine the appropriate haircut. Practical application of hair cutting techniques are explored in specialized classes or in a supervised salon setting.
Location(s): Craig

BAR 1030 INTRODUCTION TO HAIR STYLING/3
(67.5 CONTACT HOURS)
Combines theory with the practical application of air forming curling iron, finger waving, soft pressing and hard pressing.
Location(s): Craig

BAR 1031 INTERMEDIATE HAIR STYLING/3
(67.5 CONTACT HOURS)
Focuses on the accepted methods of styling hair, air forming, finger waves, and hair pressing.
Location(s): Craig

BAR 1040 INTRODUCTION TO PERMANENT WAVES/CHEMICAL RELAXERS/3
(67.5 CONTACT HOURS)
Focuses on the analysis of hair and scalp, proper equipment and product knowledge. Covers basic techniques in permanent waving and chemical relaxing. Incorporates training in a classroom or lab setting on mannequins or models.
Location(s): Craig

BAR 1041 INTERMEDIATE PERMANENT WAVES/CHEMICAL RELAXERS/3
(67.5 CONTACT HOURS)
Focuses on theory and practical application of permanent waves and chemical relaxers in specialized classes or supervised salon setting. Students practice different wrapping techniques that are required by trend styles.
Location(s): Craig

BAR 1066 INTRODUCTION TO FACIAL MASSAGE/SKIN CARE/1
(22.5 CONTACT HOURS)
Emphasizes basic understanding of facial massage manipulations and the study of skin in both practical and theory applications. Covers the benefits derived from proper facial massage and a good skin care routine.
Location(s): Craig

BAR 1067 INTERMEDIATE FACIAL MASSAGE & SKIN CARE/1
(22.5 CONTACT HOURS)
Focuses on practical application dealing with anatomy, skin disorders, skin types and facial shapes. Students help patrons select proper skin care treatments.
Location(s): Craig

BAR 2003 ADVANCED HAIR AND SCALP/1
(22.5 CONTACT HOURS)
Focuses on advanced theory and practical training of hair, scalp treatments and shampooing in a supervised salon setting. Advanced techniques prepare the student for employment. Covers student preparation for the State Board Licensing Examination on theory and practical procedures.
Location(s): Craig

BAR 2007 ADVANCED SHAVING/ HONING/STROPPING/1
(22.5 CONTACT HOURS)
Focuses on advanced training in shaving, honing and stropping. Practical and theory application is completed in specialized classes or supervised clinical training. Student will be prepared for State Board license exam.
Location(s): Craig

BAR 2011 ADVANCED HAIR COLORING/3
(67.5 CONTACT HOURS)
Provides continued instruction in advanced practical techniques for hair coloring with emphasis on recognition of color problems and color correction procedures. Covers advanced techniques and product knowledge to prepare the student for employment.
Provides instruction for the State Board Licensing Examination pertaining to hair coloring.
Location(s): Craig

BAR 2020 ADVANCED HAIR CUTTING/3
(67.5 CONTACT HOURS)
Provides theory and advanced techniques in all phases of hair cutting to ready the student for employment. Covers student preparation for State Board licensing examination on theory and practical procedures. Training is a combination of supervised work and specialized classes.
Location(s): Craig

BAR 2031 ADVANCED HAIR STYLING/3
(67.5 CONTACT HOURS)
Focuses on theory and advanced techniques in all phases of hair styling to prepare the student for employment. Training is a combination of

supervised salon (clinical) work and specialized classes. Includes student preparation for the State Board Licensing Examination relating to hairstyling.
Location(s): Craig

BAR 2041 ADVANCED PERMANENT WAVES & CHEMICAL RELAXERS/2
(45 CONTACT HOURS)
Focuses on advanced techniques to prepare the student for employment and examines changes in current industry standards. Provides instruction in specialized classes or a supervised salon setting. Covers student preparation for the State Board Licensing Examination pertaining to permanent waves and relaxers.

BAR 2066 ADVANCED FACIAL MASSAGE & SKIN CARE/1
(22.5 CONTACT HOURS)
Emphasizes anatomy, skin disorders, skin types and facial shapes. Students guide patrons on selection of proper skin care treatments. Covers student preparation for State Board licensing examination on theory and practical procedures.

BIOLOGY

BIO 1003 PRINCIPLES OF ANIMAL BIO/3
(45 LECTURE HOURS)
Introduces the study of animals and their interactions with the environment. This course includes principles of evolution, taxonomy, phylogeny, morphology, behavior and ecology. It includes the study of animal diversity, emphasizing the characteristics and classifications of major phyla. The loss of biodiversity and conservation will also be covered. (SC2)

BIO 1004 BIOLOGY: A HUMAN APPROACH/4
(45 LECTURE HOURS; 30 LAB HOURS)
Develops a basic knowledge of the structure and function of the human body by studying the body`s structure as a series of interrelated systems. Includes cardiovascular, respiratory, digestive, lymphatic, musculoskeletal, nervous, endocrine, reproductive and urinary systems, and genetics. Emphasizes disease prevention and wellness. This course includes laboratory experience. This course is approved as part of the Colorado Statewide Guaranteed transfer curriculum: (SC1)
Location(s): Rangely

BIO 1005 SCIENCE OF BIOLOGY/4
(45 LECTURE HOURS; 30 LAB HOURS)
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 - as is the impact of biological science on society. Includes laboratory experiences. Designed for non-science majors. (SC1)
Location(s): Rangely; Online

BIO 1006 BASIC ANATOMY AND PHYSIOLOGY/4
(60 LECTURE HOURS)
Focuses on basic knowledge of body structures and function, and provides a foundation for understanding deviations from normal and disease conditions. This course is designed for individuals interested in health care and is directly applicable to the Practical Nursing Program, Paramedic Program and the Medical Office Technology program.
Location(s): Online; Concurrent

BIO 1010 BIOLOGY FOUNDATIONS/2
(30 LECTURE HOURS)
Introduces foundational concepts for Human Anatomy and Physiology as well as Microbiology including macromolecules and cell structures, functions, and processes. This is a non-laboratory course.
Location(s): Craig; Rangely; Online

BIO 1015 HUMAN GENETICS/3
(45 LECTURE HOURS)
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. **Location(s): Online**

BIO 1052 WILDLIFE BIOLOGY/3
(45 LECTURE HOURS)
Studies the biology of wild mammals, birds, and fish. Focuses on conservation of wildlife and fisheries resources. **Location(s): Rangely**

BIO 1111 GENERAL COLLEGE BIOLOGY I WITH LAB/5
(60 LECTURE HOURS; 30 LAB HOURS)
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. This course includes laboratory experience. (SC1)
Location(s): Craig; Rangely; Online; Concurrent

BIO 1112 GENERAL COLLEGE BIOLOGY II WITH LAB/5

(60 lecture hours; 30 lab hours)
Prerequisite: Successful completion of BIO 1111 (Grade C or better) or instructor permission.
Examines the fundamental principles of ecology, evolution, classification, structure, and function in plants and animals. This course includes a laboratory experience. (SC1)
Location(s): Craig; Rangely; Online

BIO 1016 INTRODUCTION TO HUMAN DISEASE/3
(45 LECTURE HOURS)
Focused analysis of the causes and mechanics of human illness and death will be presented for each of the major human body systems. Selected diseases will be studied in greater detail including etiology, pathogenesis, epidemiology, sociology, and therapy. (SC2).
Location(s): Rangely

BIO 1020 INTRODUCTION TO NATURAL HISTORY/3
(45 LECTURE HOURS)
Studies the natural forces of change and environmental evolution in relation to current global and local ecology. Geology, weather, soil, ecological principles, and life histories of representative flora and fauna are included.

BIO 2101 HUMAN ANATOMY & PHYSIOLOGY I WITH LAB/4
(45 LECTURE HOURS; 30 LAB HOURS)
PREREQUISITE: BIO 1111 OR EQUIVALENT, OR INSTRUCTOR PERMISSION.
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, and nervous systems. Includes a mandatory hands-on laboratory experience covering microscopy, observations, and dissection. This is the first semester of a two-semester sequence. (SC1)
Location(s): Craig; Rangely; Online

BIO 2102 HUMAN ANATOMY AND PHYSIOLOGY II WITH LAB/4
(45 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: BIO 2101 or equivalent, or instructor permission.
Focuses on the integrated study of the human body and the histology, anatomy, and physiology of the following systems and topics: endocrine, cardiovascular, hematology, lymphatic and immune, urinary, fluid and electrolyte control, digestive, nutrition, respiratory, reproductive, and development. Includes a mandatory hands-on laboratory experience involving microscopy, observations, and dissection. This is the second semester of a two-semester sequence. (SC1)
Location(s): Craig; Rangely; Online

BIO 2104 MICROBIOLOGY/4
(45 LECTURE HOURS; 30 LAB HOURS)
PREREQUISITE: BIO 1111 OR EQUIVALENT, OR INSTRUCTOR PERMISSION.
Designed for health science majors. 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. (SC1)
Location(s): Craig; Rangely; Online

BIO 2108 GENERAL COLLEGE MICROBIOLOGY WITH LAB/5
(60 LECTURE HOURS; 30 LAB HOURS)
Surveys microorganisms with an emphasis on their structure, development, physiology, classification, and identification. Microbial diversity, functional anatomy, biochemistry, genetics, ecology, and disease are included. Mandatory hands-on laboratory experience includes sterile technique, microscopy, culture procedures, and biochemical and genetic analysis. This course is designed for biology and health science majors. (SC1)
Location: Online

BIO 2116 HUMAN PATHOPHYSIOLOGY/4
(60 LECTURE HOURS)
Prerequisites: BIO 2101 and 2102 or 2101 and concurrent registration in 2102 or instructor permission
Focuses on the alterations in physiological, cellular, and biochemical processes, the associated homeostatic responses, and the manifestations of disease. Prior knowledge of cellular biology, anatomy, and physiology is essential for the study of pathophysiology.
Location(s): Craig; Online

BIO 2120 GENERAL ZOOLOGY WITH LAB/5
(60 LECTURE HOURS; 30 LAB HOURS)
Introduces the science of invertebrate and vertebrate animal biology. This course is a study of zoological diversity emphasizing the characteristics, classification, and evolutionary relationships of major animal phyla and classes. Topics include comparative anatomy, physiology, behavior, and ecology of all major animal phyla, classes, and orders. The global loss of biodiversity and principles of conservation are also covered. This course requires hands-on laboratory experience.(SC1)
Location: Online

BIO 2121 BOTANY WITH LAB: GT-SC1/5
90 HOURS (LEL 4:1)
Covers plants, emphasizing photosynthetic pathways, form and function, reproduction, physiology, diversity, and evolution. This course requires mandatory hands-on laboratory and research experience and is designed for biology majors. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Location(s): Online

BIO 2122 GENERAL COLLEGE ECOLOGY/4
(45 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: BIO 1111 or equivalent, or instructor permission.
Studies the interrelationships between organisms and their environment. Applies evolutionary theory to the study of composition and function of aquatic and terrestrial ecosystems, population biology, pollution, and the effects of man on ecosystems. Includes laboratory and field experiences.
BIO 2175 SPECIAL TOPIC/ 0-12
(UP TO 180 LECTURE HOURS)
Covers a specific topic within Biology, as determined by the instructor. Reflects the special expertise of the faculty and/or the special needs of the students.
Location(s): Rangely

BUSINESS

BUS 1002 ENTRERENEURIAL OPERATIONS /3
(45 LECTURE HOURS)
Explores the essential requirements for starting and operating a business. This course covers basic concepts of business law, marketing, finance and operations. It guides the development of an effective business plan and prepares students to launch and sustain their own businesses.
Location: Online

BUS 1015 INTRODUCTION TO BUSINESS/3
(45 LECTURE HOURS)
Focuses on the operation of the American business system. Covers fundamentals of the economy, careers and opportunities, marketing, management, production, governmental regulations, tools of business and social responsibilities.
Location(s): Craig; Online; Concurrent

BUS 1016 PERSONAL FINANCE /3
(45 LECTURE HOURS)
Surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes.
Location: Online

BUS 1017 BUSINESS WRITING /1
(15 LECTURE HOURS)
Focuses on effective business messages, business reports, visual graphics, electronic presentations, and proofreading.
Location: Online

BUS 1020 INTRODUCTION TO E-COMMERCE/3
(45 LECTURE HOURS)
Provides an introduction to electronic commerce and the business trends in the dynamic e-commerce environment. This course covers the definition of e-commerce, technology and software requirements, security issues, electronic payment and marketing strategies. This course focuses on what to expect in business-to consumer (B2C) and business-to-business (B2B) e-commerce markets when creating an e-business. **Location(s): Online**

BUS 1082 INTERNSHIP /3
(45 CONTACT HOURS/CREDIT)
Provides continued instructions and work experience to the student. Minimum of 7.5 hours per week at approved training station supervised by credentialed coordinator. .Emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and business.
Location(s): Craig; Rangely

BUS 2016 LEGAL ENVIRONMENT OF BUSINESS/3
(45 LECTURE HOURS)
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.
Location(s): Craig; Rangely; Online; Concurrent

BUS 2017 BUSINESS COMMUNICATION AND REPORT WRITING/3
(45 LECTURE HOURS)

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.
Location(s): Craig; Rangely; Online

BUS 2026 BUSINESS STATISTICS/3
(45 LECTURE HOURS)
Prerequisite: MAT 0300 or instructor permission.
Focuses on statistical study, descriptive statistics, probability, and the binominal distribution, index numbers, time series, decision theory, confidence intervals, linear regression, and correlation. Intended for the business major.
Location(s): Online

BUS 2041 CULTURAL DIVERSITY IN BUSINESS /3
(45 LECTURE HOURS)
Provides a guide for the business person to cultural, travel, and information resources needed in the international arena. This course focuses on communications, negotiations, networking, and understanding of the individual country's requirements for conducting business.
Location: Online
BUS 2088 PRACTICUM /0-12
(45 CONTACT HOURS/CREDIT)
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.
Location: Online
BUS 2089 CAPSTONE /0-12
(45 CONTACT HOURS/CREDIT)
Demonstrates the culmination of learning within a given program of study.
Location: Online

BUSINESS TECHNOLOGY

TE 1000 COMPUTER KEYBOARDING /1
(15 LECTURE HOURS)
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.
Location: Online

BTE KEYBOARDING APPLICATIONS I /2
(30 LECTURE HOURS)
Designed for students with minimal keyboarding skills. Introduces letters, tables, memos, and manuscripts. Emphasizes speed and accuracy.
Location: Online

BTE 1008 TEN-KEY BY TOUCH /1
(15 LECTURE HOURS)
Introduces touch control of the ten-key pad. Emphasizes the development of speed and accuracy using proper technique.
Location: Online

BTE 1011 KEYBOARDING SPEEDBUILDING /1
(15 LECTURE HOURS)
Designed to increase speed and improve accuracy in keyboarding on the PC through the use of correct techniques and concentrated effort.
Location: Online

BTE 1066 BUSINESS EDITING SKILLS /3
(45 LECTURE HOURS)
Provides proofreading techniques and reviews spelling, punctuation, grammar, and word processing formats on various types of business documents and worksheets.
Location: Online

CHEMISTRY

CHE 1005 CHEMISTRY IN CONTEXT WITH LAB/5
(45 LECTURE HOURS; 60 LAB HOURS)
Covers the study of measurements, matter, molecules, atoms, chemical bonding, nomenclature, energy, acids, bases, and nutrition. Course work examines chemistry in the modern world and surveys the current knowledge as well as the conceptual framework of the discipline. Chemistry as a science is explored, as is the impact of chemistry on society. This course includes laboratory experience and is designed for non-science majors.
Location: Rangely; Online

CHE 1007 FUNDAMENTALS OF GENERAL CHEMISTRY W/LAB/5
(45 LECTURE HOURS; 60 LAB HOURS)
Focuses on the study of measurement, states of matter, atomic/molecular theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base chemistry, gas laws, and condensed states of matter, oxidation-reduction reactions periodicity, and chemical equilibrium. Designed for students with no previous chemistry background and need one semester of general chemistry. Includes laboratory experiments.

CHE 1009 GENERAL, ORGANIC AND BIOCHEMISTRY/4
(45 LECTURE HOURS; 30 LAB HOURS)
Focuses on fundamentals of inorganic, organic and biochemistry primarily for students in health science, non-science majors and/or students in the occupational and health related career areas. Includes the study of measurement, atomic theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base chemistry, gas laws, condensed states of matter and nuclear chemistry, nomenclature of organic compounds, properties of different functional groups, nomenclature of various biological compounds, their properties and biological pathways.

CHE 1011 INTRODUCTION TO CHEMISTRY I WITH LAB/ 5
(45 lecture hours; 60 lab hours)
Co-requisite: MAT 0250 or equivalent test score.
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. (SC1)
Location(s): Rangely; Online; Concurrent

CHE 1012 INTRODUCTION TO CHEMISTRY II WITH LAB/5
(45 lecture hours; 60 lab hours)
Prerequisite: CHE 1011 or instructor permission.
Focuses on introductory organic and biochemistry (sequel to Introduction to Chemistry I). This course 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. Laboratory experiments are included. (SC1)
Location(s): Rangely; Online

CHE 1111 GENERAL COLLEGE CHEMISTRY I WITH LAB/5
(45 LECTURE HOURS; 60 LAB HOURS)
Co-requisite: College algebra or permission of instructor.
Focuses on basic chemistry and measurement, matter, chemical formulas, reactions and equations, stoichiometry. This course 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. The course includes gases, liquids, and solids and problem-solving skills are emphasized through laboratory experiments. (SC1)
Location(s): Rangely; Craig; Online

CHE 1112 GENERAL COLLEGE CHEMISTRY II WITH LAB/5
(45 LECTURE HOURS; 60 LAB HOURS)
Prerequisite: CHE 1111, MAT 1340
Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, and electrochemistry. This course emphasizes problem solving skills and descriptive contents for these topics. Laboratory experiments demonstrate qualitative and quantitative analytical techniques. (SC1)
Location(s): Craig; Rangely; Online

COMMUNICATIONS

COM 1000 WORKPLACE COMMUNICATIONS/1
(15 LECTURE HOURS)
Covers topics that teach students how to communicate effectively in the workplace. Includes listening, speaking, reading, and writing, and emphasizes the importance of these four modes of communication in the workplace.

COM 1105 CAREER COMMUNICATIONS/3
(45 LECTURE HOURS)
Develops skills needed in obtaining and keeping a job. Includes job searching, applications, resumes, interviews, and the dynamics of customer, peer, and managerial relationships. Emphasizes speaking, writing, listening, critical reading skills, and vocabulary development essential to the employment world.

COM 1150 PUBLIC SPEAKING/3
(45 LECTURE HOURS)
Combines the basic theories of communication with public speech performance skills. Emphasis is on speech preparation, organization, support, audience analysis, and delivery.
Location(s): Rangely; Craig; Online; Concurrent

COM 1250 INTERPERSONAL COMMUNICATION/3
(45 LECTURE HOURS)
Examines the communication involved in interpersonal relationships occurring in family, social and career situations. Relevant concepts include self-concept, perception, listening, nonverbal communication, and conflict.
Location(s): Online

COM 1260 COMMUNICATION IN HEALTHCARE /3
(45 LECTURE HOURS)
Covers interactive concerns in settings related to patient-client care. This class includes discussions of diverse cultures, client interaction, and family/caregiver issues. The course addresses the concerns of attitude, office politics, teamwork, self-initiative, and conflict management as specifically experienced in the patient-as-client setting.
Location: Online

COM 1300 COMMUNICATION AND POPULAR CULTURE: GT-AH1/3
(45 LECTURE HOURS)
Introduces four key theoretical models for examining popular culture: Narrative Theory, Rhetorical Theory, Gender Theory, and Critical Race Theory. Emphasis is on popular American media texts, including books, comics/graphic novels, films, music, and television. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
Location(s): Concurrent

COM 2220 GROUP COMMUNICATION/3
(45 LECTURE HOURS)
Examines group communication theories with an emphasis on leadership and group behaviors. The course provides opportunities for group participation.
Location(s): Online

COM 2250 ORGANIZATIONAL COMMUNICATION/3
(45 LECTURE HOURS)
Focuses on the role of communication theory and skills as they apply to business and organizational settings. Topics include organizational and leadership models, effective communication skills with peers, superiors, and subordinates, environmental factors impacting communication, and interviewing skills.
Location(s): Online

COM 2063 CONFLICT RESOLUTION /1
(15 LECTURE HOURS)
Focuses on handling conflict productively. Students gain insights into the roots of conflict and engage in skill practice in mediating interpersonal conflicts. The emphasis is on conflict prevention.
Location: Online
COM 2069 LEADERSHIP /1
(15 LECTURE HOURS)
Emphasizes the essential skills and attributes of leadership. Through lectures, activities and readings, the students will understand the differences between leadership and management, how theory leads to practice, and the appropriate leadership style to use according to the situation.
Location: Online

COM 2200 INTRAPERSONAL COMMUNICATION /3
(45 LECTURE HOURS)
Introduces the study of intrapersonal communication (communication with self) and emphasizes understanding of one's past experiences in learning how to set goals, accomplish life objectives, communicate with self, and plan for the future. This course includes individualized research, journaling, creativity explorations, lessons involving an individual's past and present hopes and dreams, goal setting for the future, positive self exploration techniques and styles, networking, personal assessments, and creativity enhancement.
Location: Online

COM 2300 INTERCULTURAL COMMUNICATION/3
(45 LECTURE HOURS)
Provides a global view of communication across cultures and brings an awareness of how perception, language, race, verbal, and nonverbal communication impact our behaviors, messages, and interactions. Emphasis is on developing effective and ethical cross-cultural communication skills, while also building an appreciation for different cultures. (SS3)
Location(s): Online

COMPUTER ASSISTED DRAFTING

CAD 1100 PRINT READING FOR COMPUTER AIDED DRAFTING/3
(45 LECTURE HOURS)
Covers linotype identification, use of line weights, file management, prototype/template creation using AutoCAD. Covers interpretation of industry standards in dimensioning, symbology, drawing notes, scales, and reading working drawings. Architecture, engineering, design related, civil/survey, manufacturing, HVAC, and welding are industries discussed in this course. **Location(s): Online**

CAD 1101 COMPUTER AIDED DRAFTING/2D I/3
(45 LECTURE HOURS)
Focuses on basic computer aided drafting skills using the AutoCAD software. Includes file management, Cartesian coordinate system & dynamic input, drawing templates, drawing aids,

linotype and line weights, layer usage, drawing & editing geometric objects, polylines & splines, array, text applications, creating tables, basic dimensioning and Help access.
Location(s): Craig; Online

CAD 1102 COMPUTER AIDED DRAFTING/2D II /3
(45 LECTURE HOURS)
Focuses on intermediate 2D Computer aided drafting skills using the AutoCAD software. Includes blocks, wblocks & dynamic blocks, hatching, isometric drawings, advanced dimensioning and dimension variables, layouts, paper space and viewports, templates, external references, attributes, raster images, & printing/plotting.
Location: Online

CAD 1105 AUTOCAD FOR INTERIORS /4
(60 LECTURE HOURS)
Focuses on basic to intermediate 2D computer aided drafting interior design skills using the AutoCAD software. Includes templates, linetype and lineweights, layer usage, drawing & editing geometric objects, text applications, basic to advanced dimensioning skills. Creating and editing blocks, hatching, layouts/paper space and multiple viewports, external references, attributes, raster images, & printing/plotting.
Location: Online

CAD 1110 SKETCHUP /3
(45 LECTURE HOURS)
Introduces techniques and common practices of 3D modeling using Sketchup software. Focuses on the creation and editing of virtual three-dimensional forms and volumes and the organization of their elements through the various features of the software. Includes applying material and textures, changing the appearance of models with styles and shadows and introduces the basic techniques of presenting and sharing the 3D model.
Location: Online

CAD 2210 ADVANCED SKETCHUP /3
(45 LECTURE HOURS)
Introduces students to advanced techniques and workflows of 3D modeling and explores various presentation techniques using SketchUp Pro. Includes solid tools, dynamic components, import and export of 2D and 3D data to other formats, extensions, integrated rendering programs, and generating animations and phased-assembly sequences using advanced software features.
Location: Online

CAD 2220 REVIT ARCHITECTURE /3
(45 LECTURE HOURS)
Introduces students to the AutoDesk Revit Architecture software. Examines the Building Information Modeling approach to 2D and 3D architectural construction documents. Covers the creation of floorplans, elevations, sections, 3D models, perspective renderings and walkthroughs with this software application.
Location: Online

CAD 2455 BUSINESS EDITING SKILLS /3
(45 LECTURE HOURS)
Provides proofreading techniques and reviews spelling, punctuation, grammar, and word processing formats on various types of business documents and worksheets.
Location: Online

COMPUTER INFORMATION SYSTEMS

CIS 1015 INTRODUCTION TO COMPUTER INFORMATION SYSTEMS/3
(45 LECTURE HOURS)
Provides an overview of computer information systems and their role in society. This course emphasizes terminology and the identification of computer components and systems used in personal and business environments. This course discusses the evaluation of systems and measures that can be applied to protect them.
Location(s): Online

CIS 1018 INTRODUCTION TO PC APPLICATIONS/3
(45 LECTURE HOURS)
Introduces basic computer terminology, file management, and PC system components. Provides an overview of office application software including word processing, spreadsheets, databases, and presentation graphics. Includes the use of a web browser to access the Internet.
Location(s): Online; Concurrent

CIS 1024 INTRODUCTION TO OPERATING SYSTEMS /3
(45 LECTURE HOURS)
Introduces concepts, terminology and hands-on skills in the use of DOS and Windows. Emphasizes navigation, file manipulation, file creation and troubleshooting.
Location: Online

CIS 1028 OPERATING SYSTEM /3
(45 LECTURE HOURS)
Introduces the purpose, function, and configuration of an operating system. Skills covered will include the ability to write scripts, modify configurations, modify environment

settings, and configure interfaces.
Location: Online

CIS 1030 INTRODUCTION TO INTERNET /1
(15 LECTURE HOURS)
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.
Location: Online

CIS 1035 COMPLETE WORD PROCESSING (SOFTWARE PACKAGE)/3
(45 LECTURE HOURS)
Introduces basics of word processing software to create, edit, format, and print documents as well as advanced features to enhance documents. This course includes working with images, creating/using styles, formatting multi-page documents using advanced features of headers/footers and section breaks, integrating software to create and format tables and charts, using mail merge, and creating documents with columns.
Location(s): Online

CIS 1040 MICROSOFT OUTLOOK /1
(15 LECTURE HOURS)
Introduces the functions used in Microsoft Outlook including e-mail messages, calendar, contacts, tasks, journals, and notes.
Location: Online

CIS 1045 INTRODUCTION TO DESKTOP DATABASE/3
(45 LECTURE HOURS)
Explores an array of database skills. Includes table, query, form, and report creation and modification. Also includes application integration.
Location(s): Online

CIS 1055 PC SPREADSHEET CONCEPTS/3
(45 LECTURE HOURS)
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 using functions, managing lists, and simple macros.
Location(s): Online

CIS 2002 AUTOMATED PROJECT MANAGEMENT /3
(45 LECTURE HOURS)
Provides an in-depth exploration of project management concepts and techniques. This course uses software to create project plans and manage projects. Critical thinking, planning, and communication to achieve a project goal are emphasized.
Location: Online

CIS 2003 TECHNOLOGY FOR CAREER SUCCESS /2
(30 LECTURE HOURS)
Prepare students to transition into a career. This course will provide students with resources for career development and tools to succeed in a competitive labor market. Offers students an opportunity to build an employment focused electronic portfolio in preparation for career growth and lifelong learning after completing their program of study.
Location: Online

CIS 2018 ADVANCED PC APPLICATIONS /3
(45 LECTURE HOURS)
Emphasizes solving business problems by integrating data from all of the software applications that facilitate the production of useful information. Advanced capabilities of a PC software applications suite are utilized. Printed documents, reports, slides, and forms are produced to communicate information.
Location: Online

CIS 2020 FUNDAMENTALS OF UNIX/3
(45 LECTURE HOURS)
Explores the structure and fundamentals of the UNIX operating system including the file system and file processing, various utility programs, shell, multi-user operation, text processing, and communications.
LOCATION(S): ONLINE

CIS 2023 LINUX/3
(45 LECTURE HOURS)
Introduces students to the concepts of installing, configuring, and managing the Linux operating system. Topics covered include working with various desktops, use of filesystem commands, and management of user and group permissions.
Location(s): Online: Craig

CIS 2040 DATABASE DESIGN & DEVELOPMENT/3
(45 LECTURE HOURS)
Introduces the basic concepts of relational databases, data storage, and retrieval. Covers database design, data modeling, transaction processing, and introduces the Structured Query

Language (SQL) for databases.
Location(s): Online

CIS 2043 INTRODUCTION TO SQL /3
(45 LECTURE HOURS)
Introduces Structured Query Language (SQL) including creation of database structures and how to store, retrieve, and manipulate data in a relational database. This course also covers creating tables and views, using indexes, and developing stored procedures and triggers.
Location: Online

CIS 2046 ORACLE DATABASE ADMIN I /4
(60 LECTURE HOURS)
Provides a foundation in basic Oracle architecture, storage structure and database administrative tasks. Emphasizes the knowledge and skills to create databases and data dictionary views, and to manage Oracle instances, tables, tablespaces, data files, control files, redo log files and rollback segments.
Location: Online

CIS 2054 DB REPORT GENERATION/4
(60 LECTURE HOURS)
Introduces building forms that connect to a relational database. Skills include object navigation, layout editing, and form rendering.
Location: Online

CIS 2056 DB FORM GENERATION /3
(45 LECTURE HOURS)
Introduces publishing reports that connect to a relational database. Skills covered will include object navigation, layout editing, formatting from several data sources and report generation in various styles.
Location: Online

CIS 2067 MANAGEMENT OF INFORMATION SYSTEMS/3
(45 LECTURE HOURS)
Introduces the concepts and techniques of managing computer-based information resources. Includes hardware, software, personnel, control techniques, and the placement and integration of information systems resources within the organization.
Location(s): Online

CIS 2068 SYSTEMS ANALYSIS AND DESIGN I/3
(45 LECTURE HOURS)
Introduces the student to the materials, techniques, procedures, and human interrelations involved in developing computer information systems. Includes the systems approach, fact gathering techniques, forms design, input/output, file design, file organization, various charting techniques, system audits on controls, project management, implementation, and evaluation.
Location(s): Craig; Virtual Campus

CIS 2089 CAPSTONE /0-12
(45 CONTACT HOURS/CREDIT)
Serves as the capstone course for CIS majors. Incorporates projects that allow students to develop advanced techniques and assemble information from different courses. Most projects will include the creation of interactive application programs for the non-computer user and require research beyond the classroom to prepare the student for entry level employment in a variety of situations.
Location: Online

COMPUTER AND NETWORKING TECHNOLOGY

CNG 1001 NETWORKING FUNDAMENTALS/3
(45 LECTURE HOURS)
Introduces network fundamentals using the OSI (Open Systems Interconnection) model and TCP/IP (Transmission Control Protocol/Internet Protocol) suite, fundamentals of Ethernet, IP addressing, and building simple LANs (Local Area Networks).
Location(s): Craig; Virtual Campus

CNG 1002 LOCAL AREA NETWORKS/3
(45 LECTURE HOURS)
Introduces Local Area Networking. Focuses on discussions and demonstrations of planning, installing, and supporting networks.
Location(s): Online

CNG 1004 INTRO TO TCP/IP /3
(45 LECTURE HOURS)
Covers the basic elements of the Transmission Control Protocol and the Internet Protocol, the basic technologies that implement the Internet and computer networking. In addition to TCP and IP the course covers networking media, link layer, network layer, and transport layer protocols. Also included are routing, broadcast, multicast, and network address translation. IP version 4 and IP version 6 are both covered..
Location: Online

CNG 1020 A+ CERTIFICATION PREPARATION/4
(60 LECTURE HOURS)
Prepares students for the CompTIA A+ certification examination. PC hardware and

operating system installation, configuration and troubleshooting are practiced and reviewed using A+ techniques.
Location(s): Craig; Virtual Campus

CNG 1024 NETWORKING I: NETWORK +/3
(45 LECTURE HOURS)
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 Networking II: Network + course.
Location(s): Online

CNG 1025 NETWORKING II: NETWORK +/3
(45 LECTURE HOURS)
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.
Location(s): Online

CNG 1031 PRINCIPLES OF INFORMATION ASSURANCE/3
(45 LECTURE HOURS)
Provides skills and knowledge required to survey key issues associated with protecting information assets, determine the levels of protection and response to security incidents, and design a consistent, reasonable information security system, with appropriate intrusion detection and reporting features. Students learn to inspect and protect information assets, detect and react to threats to information assets, and examine pre- and post-incident procedures, and technical and managerial responses. Students learn about information security planning and staffing functions. **Location(s): Craig; Virtual Campus**

CNG 1032 NETWORK SECURITY FUNDAMENTALS/3
(45 LECTURE HOURS)
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.
Location(s): Craig; Virtual Campus

CNG 1033 NETWORK SECURITY: FIRE WALLS AND INTRUSION DETECTION AND NETWORK SECURITY/3
(45 LECTURE HOURS)
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.
Location(s): Online

CNG 1036 GUIDE TO IT DISASTER RECOVERY/3
(45 LECTURE HOURS)
Presents methods to identify technology and communication infrastructure vulnerabilities and appropriate countermeasures to prevent and mitigate failure risks for an organization. The course will take an enterprise-wide approach to developing a disaster recovery plan.
Location(s): Craig; Virtual Campus

CNG 1042 INTRO TO CLOUD COMPUTING /3
(45 LECTURE HOURS)
Introduces fundamental content on cloud computing including system analysis, requirements, configuration, deployment, and testing. This course includes information on management, business continuity, security, maintenance, updating, and troubleshooting as related to cloud computing.
Location: Online

CNG 1080 INTERNSHIP I/4
(65 LECTURE HOURS)
Provides an opportunity to gain experience in applying their skills and/or to develop specific skills in a practical work setting.
Location(s): Craig; Virtual Campus

CNG 1088 PRACTICUM/3
(90 CONTACT HOURS)
Provides an opportunity to gain experience in applying their skills and/or to develop specific skills through the Cybersecurity Clinics model.
Location(s): Craig; Virtual Campus

CNG 2001 LINUX CONFIGURATION (OS)/3
(45 LECTURE HOURS)

Install a linux operating system (os). Configure and manage os using command line interface (cli) and text editor. Topics include installation and configuration of updates, services, file system, users and groups, file and folder permissions, networking, and remote access.
Location(s): Craig; Virtual Campus

CNG 2002 UNIX/LINUX SERVER ADMINISTRATION/3
(45 LECTURE HOURS)
Prerequisite requirement: CNG 2001 Linux Config (OS)
Provides students with the knowledge and skills required to configure, administer and secure data, users and services in a UNIX or Linux server environment. Emphasis will be on command-line interface (CLI). Topics will also include system monitoring, performance tuning, troubleshooting and interoperability with Windows servers and clients.
Location(s): Craig; Virtual Campus

CNG 2011 WINDOWS CONFIGURATION: (OS)/3
(45 LECTURE HOURS)
Provides students with the knowledge and skills necessary to address the implementation and desktop support needs of customers who are planning to deploy and support Microsoft Windows Client OS in a variety of network operating system environments.
Location(s): Online

CNG 2012 CONFIGURING WINDOWS SERVER/4
(60LECTURE HOURS)
Provides students with the knowledge and skills that are required to install a Microsoft Windows Server. This course helps prepare students for a MTA (Microsoft Technology Associate) and/or MCSA (Microsoft Certified Solutions Associate) exams. .
Location(s): Craig; Virtual Campus

CNG 2020 IT SERVICE MANAGMENT: FRAMEWORK/3
(45 LECTURE HOURS)
Location(s): Craig; Virtual Campus
Provides the knowledge and skills of information technology (IT) service management with focus on aligning IT services with the needs of business. This course will cover the key elements, concepts and terminology used in the IT service lifecycle, including the links between lifecycle stages, the process used and their contribution to service management practices.
Location(s): Craig; Virtual Campus

CNG 2043 CLOUD SECURITY AND CYBER LAW/3
(45 LECTURE HOURS)
Introduces concepts of cloud architecture, cloud security, and the law as it pertains to cloud deployment. Focuses on the mechanics of security in the cloud service models: Infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS).
Location(s): Craig; Virtual Campus

CNG 2056 VULNERABILITY ASSESSMENT I/3
(45 LECTURE HOURS)
Presents students with an introduction to vulnerability assessment. Vulnerability assessment skills are necessary to understand how companies address vulnerabilities in the business environment. Students gain a better understanding of how information technology security integrates into the corporate world and how a balance must be achieved between security and functionality.
Location(s): Craig; Virtual Campus

CNG 2057 NETWORK DEFENSE AND COUNTER MEASURES/3
(45 LECTURE HOURS)
Examines the tools, techniques and technologies used in the technical securing of information assets. This course provides in-depth information of the software and hardware components of Information Security and Assurance. Topics include firewall configurations, hardening UNIX and NT servers, Web and distributed systems security and specific implementation of security modes and architectures. The curriculum maps to the Security Certified Network Professional (SCP) Network Defense and Countermeasures exam.
Location(s): Craig; Virtual Campus

CNG 2058 DIGITAL FORENSICS/4
(45 LECTURE HOURS)
Exposes the student to the field of digital computer forensics and investigation. This class provides the student with methods to properly conduct a digital forensics investigation including a discussion of ethics. Topics covered include fundamental concepts, history of computer forensics, file structures, data recovery

techniques, computer forensic tools and analyses.
Location(s): Craig; Virtual Campus

CNG 2059 ENTERPRISE SECURITY/4
(45 LECTURE HOURS)
This course challenges students to combine the skills learned in previous coursework (or work experience) and apply them in whole to a mock business IT environment. Students will work in their own virtualized server environment, complete with servers, routers, firewalls, VPN, IDS/IPS, wireless and other current technologies to develop a security policy and framework using risk analysis and risk management techniques.
Location(s): Online

CNG 2060 CISCO NETWORK ASSOCIATE I/5
(75 LECTURE HOURS)
Introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. Includes IP addressing and fundamentals of Ethernet concepts, media and operations.
Location(s): Online

CNG 2061 CISCO NETWORK ASSOCIATE II /5
(75 LECTURE HOURS)
Meets the requirements of the second course in the Cisco Certified Network Associate - CCNA curriculum focusing on switching technologies and router configurations and operations that support small-to-medium business networks, including wireless local area networks (WLANs) and security concepts.
Location: Online

CNG 2062 CISCO NETWORK ASSOCIATE III /5
(75 LECTURE HOURS)
Explores the architecture, components, operations, and security to scale for large, complex networks, including wide area network (WAN) technologies. This course is the final course in the Cisco Certified Network Associate (CCNA) curriculum. The course emphasizes network security concepts and introduces network virtualization and automation.
Location: Online

CNG 2070 CISCO CERTIFIED NETWORK ASSOCIATE SECURITY /5
(75 LECTURE HOURS)
Provides core and advanced security concepts & skills for Cisco networks.
Location: Online

COMPUTER SCIENCE

CSC 1005 COMPUTER LITERACY/3
(45 LECTURE HOURS)
Introduces students to current technologies. Special focus on ensuring students become technologically competent and computer literate. Emphasis is placed on technology fundamentals and terminology through the evaluation of hardware and software. Provides students with a working knowledge of operating system use, file management and security. Introduces the internet as a research and communication tool. Application software is covered to ensure the fundamental computer skills for personal, academic and business use are obtained.
Location(s): Online

CSC 1019 INTRODUCTION TO PROGRAMMING (LANG)/3
(45 LECTURE HOURS)
Focuses on a general introduction to computer programming. This course emphasizes the design and implementation of structured and logically correct programs with good documentation. It is centered on basic programming concepts, including control structures, modularization, and data processing. A structured programming language is used o implement program designs. It emphasizes the writing of multiple programs following the software development process, from start to finish, including design, implementation, and testing.
Location(s): Craig, Virtual Campus

CSC 1020 PROBLEM SOLVING WITH SOFTWARE PACKAGE /3
(45 LECTURE HOURS)
Provides an introductory level course in computer programming using a high level programming language. The course will cover design and development of simple software applications. Topics covered will include design of software from initial phase through coding phase, input and output of data, functions or methods, control structures, arrays and error handling.
Location: Online

CSC 1026 GAME DESIGN & DEVELOPMENT /3
(45 LECTURE HOURS)
Combines problem-solving techniques with computer game design and implementation to introduce the student to basic gaming and computer science concepts. Students design, implement, and test computer games using

software that allows for basic game creation through a wide variety of game creation tools; no prior programming experience is required.
Location: Online

CSC 1029 INTRODUCTION TO SECURE CODING /3
(45 LECTURE HOURS)
Focuses on introduction to secure coding. Emphasizes concepts, principles, and best practices of structured secure programs within security standards. Analysis of design of secure programming is stressed, including costs, threats, security concepts, policies, coding flaws, vulnerabilities, exploits, and code mitigation. Analysis of the design of legacy and contemporary object oriented languages is emphasized. Focuses on the application of secure coding principles, standards to resolve code flaws and vulnerabilities.
Location: Online

CSC 1060 COMPUTER SCIENCE I (LANGUAGE)/4
(60 LECTURE HOURS)
Introduces students to the discipline of computer science and programming. Algorithm development, data representation, logical expressions, sub-programs and input/output operations using a high-level programming language are covered. Intensive lab work outside of class time is required.
Location(s): Online

CSC 1061 COMPUTER SCIENCE II: (LANGUAGE)/4
(60 LECTURE HOURS)
Continues algorithm development and problem solving techniques not covered in Computer Science I using a high-level programming language. Students are able to gain experience in the use of data structures and the design and implementation of larger software projects. Intensive computer laboratory experience is required for this course.
Location(s): Online

CSC 2000 GAME PROGRAMMING I /3
(45 LECTURE HOURS)
Introduces students to game programming techniques and how to use a game library. Skills developed in this class include programming input devices, 2D game theory and design, bitmap handling, sprite programming, and threads.
Location: Online

CSC 2017 ADVANCED PYTHON PROGRAMMING /3
(45 LECTURE HOURS)
Continues program development and problem solving not covered in CSC119: Introduction to Programming. Students will create larger programs in the areas of advanced expression, iterator objects, parsing, and GUI applications.
Location: Online

CSC 2020 INTRODUCTION TO MICROSOFT VISUAL BASIC.NET/3
(45 LECTURE HOURS)
Provides students with the knowledge and skills needed to develop applications in Microsoft Visual Basic .NET for the Microsoft .NET platform. Focuses on user interfaces, program structure, language syntax, and implementation details. This is the first course in the Visual Basic .NET curriculum and serves as the entry point for other .NET courses.
Location(s): Online

CSC 2025 COMPUTER ACH/ASSEMBLY LANGUAGE /4
(60 LECTURE HOURS)
Introduces concepts of computer architecture, functional logic, design and computer arithmetic. Focuses on the mechanics of information transfer and control within a computer system. Includes symbolic programming techniques, implementing high level control structures, addressing modes and their relation to arrays, subprograms, parameters, linkage to high level languages and the assembly process.
Location: Online

CSC 2030 C PROGRAMMING: PLATFORM/3
(45 LECTURE HOURS)
Prepares students to be a better programmer using the C programming language. C is a mid-level language whose economy of expression and data manipulation features allows a programmer to deal with the computer at a low level. The goal is to learn skills that are usable in many languages and understand what is happening at the machine level. The student should already understand the control structures selection, iteration, and subroutines (functions/methods).
Location(s): Online

CSC 2040 JAVA PROGRAMMING/3
(45 LECTURE HOURS)
Introduces the Java Platform, Standard Edition (Java SE), to develop Graphical User Interface (GUI) applications. Language constructs will include loops, conditionals, methods, and arrays. The code will incorporate event and

exception handling, File I/O, and Object-Oriented Programming (OOP) concepts.
Location(s): Online

CSC 2041 ADVANCED JAVA PROGRAMMING /3
(45 LECTURE HOURS)
Covers advanced programming topics including multi-threading, network/internet programming, database programming, and JavaBeans. This course focuses on writing Java Enterprise Edition (Java EE) complex programs.
Location: Online

CSC 2045 SECURE SOFTWARE DEVELOPMENT (LANGUAGE) /3
(45 LECTURE HOURS)
Focuses on functionality when implementing security consequences with regard to formatted output and arithmetic operations in a program. The course introduces how to write a program that creates safe, reliable, and secure systems free from undefined program behaviors and exploitable vulnerabilities.
Location: Online

CSC 2046 MOBILE APP DEVELOPMENT /3
(45 LECTURE HOURS)
Learn how to develop mobile apps using key features and frameworks. Students will learn application design and development using a mobile development platform software development kit (SDK) and corresponding programming language. Main features include: handling UI triggered and touch events, data management, simple and complex UI views, drawing, location and application settings.
Location: Online

CSC 2065 DESCRETE STRUCTURES /4
(60 LECTURE HOURS)
Prepares students for a fundamental understanding of computing and computer science. Includes set theory, boolean algebra, relations, functions, graph theory and techniques for formal reasoning.
Location: Online

COMPUTER WEB-BASED

CWB 1010 INTRODUCTION TO WEB AUTHORING/3
(45 LECTURE HOURS)
Explores the complete set of web authoring skills using HTML and/or other languages. The course covers links, backgrounds, controlling text and graphic placement, tables, image maps and forms.
Location(s): Online

CWB 1030 WEB EDITING TOOLS: (EDITOR)/3
(45 LECTURE HOURS)
Teaches the use of tools for Web page design and development. These tools are designed to make the creation of Web pages easy and consistent. With the use of editing tools, students will be able to build Web pages making use of forms, tables, frames, templates, Cascading Style Sheets (CSS), and layers. The student will also be able to easily publish and manage a Web site once it is created.
Location(s): Online

CWB 2005 CLIENT-SIDE SCRIPTING/ 3
(45 LECTURE HOURS)
Explores the client-side programming skills necessary to create dynamic web content using a markup embeddable and procedural scripting language executed on the client web browser.
Location(s): Online

CWB 2008 WEB APPLICATION DEVELOPMENT/ 3
(45 LECTURE HOURS)
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.
Location(s): Online

CWB 2021 TECHNOLOGY FOUNDATIONS E-COMMERCE/ 3
(45 LECTURE HOURS)
Provides the student with thorough knowledge of e-commerce architecture, relational database management systems, and HTML and Network fundamentals.
Location(s): Online

COSMETOLOGY

COS 1003
SHAMPOO/RINSES/CONDITIONERS I/1
(15 LECTURE HOURS)
Introduces various types of scalp treatments and shampoos. Enables student to recognize and treat disorders of hair and scalp. Covers product knowledge and proper massage techniques to

help control disorders and to cleanse the hair and scalp. Includes terminology dealing with hair structure, scalp, and hair disorders. Provides training in a lab or classroom setting.
Location(s): Craig

COS 1010 INTRODUCTION TO HAIR COLORING/2
(15 LECTURE HOURS; 22.5 LAB HOURS)
Provides theory pertaining to the law of color, theory of color, chemistry of color, product knowledge, and analysis of hair and scalp. Covers basic techniques and procedures for the application of hair coloring.
Location(s): Craig

COS 1011 INTERMEDIATE I: HAIR COLORING/2
(45 LAB HOURS)
Focuses on theory and practical application of color products, formulations of color, level and shades of color. Examines techniques in a specialized class or in a supervised salon setting.
Location(s): Craig

COS 1020 INTRODUCTION TO HAIR CUTTING/2
(15 LECTURE HOURS; 22.5 LAB HOURS)
Introduction to the theory relevant to patron protection, angles, elevations, and the analysis of hair textures as related to hair cutting. Covers the proper use and care of hair cutting implements. Focuses on basic hair cutting techniques using all cutting implements. Disinfection, sanitation procedures as they relate to haircutting.
Location(s): Craig

COS 1021 INTERMEDIATE I: HAIRCUTTING/2
(45 LAB HOURS)
Focuses on theory related facial shapes, head and body forms to determine the client's appropriate haircut. Incorporates practical applications of hair cutting techniques in specialized classes or in the supervised salon (clinical setting).
Location(s): Craig

COS 1030 INTRODUCTION TO HAIR STYLING/2
(15 LECTURE HOURS; 22.5 LAB HOURS)
Combines theory with the practical application of roller placement, shaping, pin curls, finger waves, air forming iron curling, soft pressing and hard pressing.
Location(s): Craig

COS 1031 INTERMEDIATE I: HAIR STYLING/2
(45 LAB HOURS)
Focuses on the accepted methods of styling hair, air forming roller sets, finger waves pin curls braiding and hair pressing.
Location(s): Craig

COS 1040 INTRODUCTION TO CHEMICAL TEXTURE/1
(15 LECTURE HOURS)
Introduces a combination of theory and practice focusing on the analysis of hair and scalp, proper equipment and product knowledge. Includes basic techniques in permanent waving and chemical relaxing. Provides training in a classroom or lab setting on mannequins or live models.
Location(s): Craig

COS 1041 INTERMEDIATE I: CHEMICAL TEXTURE/1
(22.5 LAB HOURS)
Emphasizes theory and practical application of permanent waves and chemical relaxers in specialized classes or a supervised salon setting. Enables the student to practice different wrapping techniques required by trend styles.
Location(s): Craig

COS 1050 LAWS, RULES AND REGULATIONS/1
(15 LECTURE HOURS)
Provides instruction on the laws, rules and regulations and how they govern the cosmetology and barber industry. This affects the student, licensed individual, salons and school owners.
Location(s): Craig

COS 1060 INTRODUCTION TO DISINFECTION, SANITATION & SAFETY/2
(15 LECTURE HOURS; 22.5 LAB HOURS)
Introduces the various methods of disinfection, sanitation, and safety as used in the cosmetology industry. Includes classroom study of bacteriology and the terminology dealing with cosmetology.
Location(s): Craig

COS 1061 INTERM EDIATE I: DISINFECTION, SANITATION & SAFETY/1
(22.5 LAB HOURS)

Focuses on the theory and daily practice of proper methods of disinfection, sanitation and safety procedures as related to all phases of cosmetology. Covers terminology and training of disinfection, sanitation and safety procedures. Also includes customer service in a supervised salon (clinical) setting or specialized class
Location(s): Craig

COS 2003 SHAMPOOS/RINSES/ CONDITIONERS II/1
(22.5 LAB HOURS)
Provides theory and practical training in shampoos, rinses and conditioners. Examines advanced techniques to prepare the student for employment. Includes preparation for the State Board Licensing Examination in shampoos, rinses and conditioners.
Location(s): Craig

COS 2010 INTERMEDIATE II: HAIR COLORING/2
(45 LAB HOURS)
Provides continued instruction in the theory and practical application of color products, formulations of color, level and shades of color. Enables students to practice techniques in a specialized class or in a supervised salon setting.
Location(s): Craig

COS 2011 ADVANCED HAIR COLORING/2
(45 LAB HOURS)
Provides continued instruction on advanced theory and practical techniques in hair coloring. Focuses on the recognition of color problems and color correction procedures. Covers advanced techniques and product knowledge to prepare the student for employment. Prepares the student for the State Board Licensing Examination pertaining to hair coloring.
Location(s): Craig

COS 2020 INTERMEDIATE II: HAIRCUTTING/2
(45 LAB HOURS)
Provides continued instruction in the theory related to facial shapes, head and body forms to determine the client's appropriate haircut. Incorporates practical applications of haircutting techniques.
Location(s): Craig

COS 2021 ADVANCED HAIR CUTTING/2
(45 LAB HOURS)
Focuses on advanced cutting techniques using all the cutting tools. Emphasizes current fashion trends. Includes student preparation for the State Licensure examination.
Location(s): Craig

COS 2030 INTERMEDIATE II: HAIR STYLING/2
(45 LAB HOURS)
Provides continued instruction on accepted methods of styling hair, air forming, roll set, finger waves and hair pressing. Examines techniques in specialized classes or in a supervised salon setting.
Location(s): Craig

COS 2031 ADVANCED HAIR STYLING/1
(22.5 LAB HOURS)
Focuses on theory and advanced techniques in all phases of hair styling to prepare the student for employment. Training is a combination of supervised salon (clinical) work and specialized classes. Includes student preparation for the State Board Licensing Examination relating to hairstyling.
Location(s): Craig

COS 2040 INTERMEDIATE II: CHEMICAL TEXTURE/1
(22.5 LAB HOURS)
Provides continued instruction in the theory and practical application of permanent waves and chemical relaxers in specialized classes or a supervised salon setting. Enables students to practice different wrapping techniques required by trend styles.
Location(s): Craig

COS 2041 ADVANCED CHEMICAL TEXTURE/1
(22.5 LAB HOURS)
Focuses on advanced techniques to prepare the student for employment and the changes in current industry standards. Instruction is provided in specialized classes or supervised salon (clinical) setting. Includes student preparation for the State Board Licensing Examination pertaining to permanent waves and chemical relaxers.
Location(s): Craig

COS 2050 MANAGEMENT, ETHICS, INTERPERSONAL SKILLS & SALESMANSHIP/1
(15 LECTURE HOURS)
Emphasizes the importance of salon management and the knowledge and skills

necessary to build a successful business. Focuses on the importance of interpersonal skills and basic techniques in salesmanship and customer services. Integrates job readiness skills and professional ethics.
Location(s): Craig

COS 2060 INTERMEDIATE II: DISINFECTION, SANITATION & SAFETY/2
(15 LECTURE HOURS; 22.5 LAB HOURS)
Provides continued study of theory and practice of proper methods of sterilization, disinfection, sanitation and safety procedures as related to all phases of the industry. Covers terminology and training of disinfection, sanitation and safety procedures. The individual responsibility to provide a safe work environment is practiced.
Location(s): Craig

COS 2061 ADVANCED DISINFECTION, SANITATION & SAFETY/1
(22.5 LAB HOURS)
Provides advanced training on decontamination and safety practices in a supervised salon and/or classroom setting. Examines advanced techniques that prepare the student for employment. Includes student preparation for the State Board Licensing Examination in decontamination and safety for all aspects of the industry. Study of OSHA requirements for schools and salon are done in a theory or practical setting.
Location(s): Craig

COS 2062 ADVANCED II: DISINFECTION, SANITATION & SAFETY/3
(30 HOURS LECTURE; 22.5 HOURS LAB)
This course is the extra hours/credits required for the hairstylist program, per State Board of Colorado Barber/Cosmetology Board.
Provides advanced training on decontamination and safety practices in a supervised salon and/or classroom setting. Examines advanced techniques that prepare the student for employment. Includes student preparation for the State Board Licensing Examination in decontamination and safety for all aspects of the industry. Study of OSHA requirements for schools and salon are done in a theory or practical setting.
Location(s): Craig

COS 2075 SPECIAL TOPICS/.5-6
(CONTACT HOURS VARY FROM 7.5-90 BETWEEN LAB/LECTURE)
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
Location(s): Craig

CRIMINAL JUSTICE

CRJ 1010 INTRO TO CRIMINAL JUSTICE/3
(45 LECTURE HOURS)
Introduces students to the basic components of the criminal justice system in the United States. Concepts of crime, crime data, victimization, perspectives and views of crime, theory, and law are discussed. Particular attention to the criminal justice process, interaction and conflict between criminal justice agencies, and current criminal justice issues are examined. (SS3)
Location(s): Online

CRJ 1025 POLICING SYSTEMS/3
(45 LECTURE HOURS)
Examines policing in the United States, including historical foundations, emerging issues, and the relationship between law enforcement and the community. The various types of law enforcement agencies, their administrative practices, and the behavior of those involved in the delivery of police services are examined from the perspective of democratic values, racial and ethnic diversity, and societal perceptions of police effectiveness. Career requirements, including current and future trends, are also presented.
Location(s): Online

CRJ 1027 CRIME SCENE INVESTIGATION/3
(45 LECTURE HOURS)
Focuses on basic procedures in crime scene management to include photography and preparing initial reports and sketches. Includes processing evidence and related criminalistics procedures. Covers interviewing suspects, witnesses and victims to include the recording of identifications and descriptions. Incorporates lab and lecture.
Location(s): Online

CRJ 1035 JUDICIAL FUNCTION/3
(45 LECTURE HOURS)
Provides an overview of the structure and function of the dual American judicial system and the behavior of actors (judges/justices, lawyers, law clerks, interest groups, etc.) within the system. Emphasis is placed on the organization and administration of state and federal courts, criminal court procedures, juries, and selection of judges, decision-making

behavior of juries, judges and justices, and the implementation and impact of judicial policies.
Location(s): Online

CRJ 1045 CORRECTIONAL PROCESS/3
(45 LECTURE HOURS)
Examines the history of corrections in America from law enforcement through the administration of justice, probation, prisons, correctional institutions, and parole. This course examines the theories, rationales for punishment, and the political system in which corrections, as a component part of the criminal justice system, needs to operate. The course emphasizes legal, sociological, psychological, and other interdisciplinary approached that effect the operation of a correctional system.
Location(s): Online

CRJ 2005 PRINCIPLES OF CRIMINAL LAW/3
(45 LECTURE HOURS)
Focuses on common law and statutory law crimes, the Model Penal Code, elements defining crimes and penalties, defenses to criminal accusations, and definitions and distinctions between criminal and civil law.
Location(s): Online

CRJ 2009 CRIMINAL INVESTIGATION I /3
(45 LECTURE HOURS)
Covers the function of the preliminary investigation at a crime scene to include securing the scene, crime scene searchers, police drawings, and recognition and collection of evidence.
Location(s): Online

CRJ 2010 CONSTITUTIONAL LAW/3
(45 LECTURE HOURS)
Focuses on the powers of government as they are allocated and defined by the United States Constitution. The course includes intensive analysis of United States Supreme Court decisions.
Location(s): Online

CRJ 2020 HUMAN RELATIONS AND SOCIAL CONFLICT/3
(45 LECTURE HOURS)
Exploration of 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.
Location(s): Online

CRJ 2025 CRISIS INTERVENTION /3
(45 LECTURE HOURS)
Exploration of information and application of crisis theories in working with diverse populations. Understanding of the interventionist role with regards to the field of crisis intervention.
Location(s): Onlin

CRJ 2030 CRIMINOLOGY/3
(45 LECTURE HOURS)
Provides an introduction to the study of crime, understanding the causes of crime, and examines, theoretical frameworks and theories to explain criminal behavior. Examination of the nature of crime, crime victimization, crime patterns, and types of crime, crime statistics, and criminal behavior is also included.
Location(s): Online

CRJ 2031 INTRO TO FORENSIC SCIENCE & CRIMINALISTICS /3
(45 LECTURE HOURS)
Exploration of the fundamentals of forensic science that are essential for gathering evidence at the crime scene and analyzing it in the crime laboratory.
Location(s): Online

CRJ 2035 DELINQUENT BEHAVIOR /3
(45 LECTURE HOURS)
Focuses on the adolescent who violates social and legal norms and the consequences for the individual and society. Emphasizes the social and psychological factors influencing individual delinquent patterns.
Location(s): Online

CRJ 2036 CRJ RESEARCH METHODS/3
(45 LECTURE HOURS)
Focuses on the formulation of research questions covering crime and justice, research designs, data collection, and the interpretation and reporting of these data in criminological and justice-system settings. Course content also includes experimental and non-experimental research designs, probability and non-probability sampling techniques, and construction of scales and indexes for research purposes.
Location(s): Online

CRJ 2057 VICTIMOLOGY/3
(45 LECTURE HOURS)

Demonstrates to the student the role the crime victim plays in the criminal justice system. The traditional response that a crime victim receives from the system will be studied and the psychological, emotional and financial impact these responses have on victimization will be analyzed.
Location(s): Online

CRJ 2068 CRIMINAL PROFILING /3
(45 LECTURE HOURS)
Examines the theories of crime causation in relationship to criminal profiling. Studies include the investigation of serial killers, their motivations, behaviors, and identification of psychological and sociological explanations related to criminal acts.
Location(s): Online

CRJ 2075 SPECIAL TOPICS /0-12
(15 LECTURE HOURS/CREDIT)
Provides students with the ability to pursue in depth exploration of special topics of interest.
Location(s): Online

CRJ 2080 INTERNSHIP /0-12
(45 CONTACT HOURS/CREDIT)
Provides placement of the student into the criminal justice field to integrate theory with practice.
Location(s): Online

DENTAL HYGIENE

DEH 1001 PRE-CLINICAL DENTAL HYGIENE LECTURE/2
(30 LECTURE HOURS)
Prerequisite: Prerequisite: Acceptance into the Dental Hygiene Program.
Introduces basic dental hygiene theory, instrumentation, and patient care assessment. Focuses on the application of diagnostic, preventive, and therapeutic procedures in a wide variety of areas related to clinical practice, health promotion, and disease prevention.
Location(s): Rangely

DEH 1002 PRE-CLINICAL DENTAL HYGIENE CARE/3
(90 LAB HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Introduces the entry-level dental hygiene student to fundamental procedures and techniques to include instrumentation, infection control, and patient assessment. Provides a variety of clinical learning experiences to develop basic skills and knowledge for entry into the dental hygiene profession.
Location(s): Rangely

DEH 1003 DENTAL ANATOMY AND HISTOLOGY/3
(30 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Introduces the general anatomy of the face including terminology, anatomic landmarks, and tooth identification. Specific focus is placed on the anatomical and histologic features of the teeth and other structures of the oral cavity. Introduction to the embryology of the face, oral, and nasal cavities is presented, as well as development of the teeth and histological features of the various components of the teeth and surrounding structures.
Location(s): Rangely

DEH 1004 DENTAL RADIOLOGY/3
(30 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: Prerequisite: Acceptance into the Dental Hygiene Program.
Introduces the general anatomy of the face including terminology, anatomic landmarks, and tooth identification. Specific focus is placed on the anatomical and histologic features of the teeth and other structures of the oral cavity. Introduction to the embryology of the face, oral, and nasal cavities is presented, as well as development of the teeth and histological features of the various components of the teeth and surrounding structures.
Location(s): Rangely

DEH 1011 DENTAL & MEDICAL EMERGENCIES/2
(30 LECTURE HOURS)
Prerequisite: Prerequisite: Acceptance into the Dental Hygiene Program.
Explains the management of emergency situations with an emphasis on prevention and identification of potential medical emergencies that can occur in the dental office or during dental treatment. Provides practical skills applicable to dental hygienists and the scope of responsibility for medical emergency management as dictated by state dental practice law. Includes content and use of emergency kits, oxygen support systems, use of ASA classification to evaluate risk, and emergency management simulations.
Location(s): Rangely

DEH 1012 DENTAL HYGIENE CLINIC LECTURE I/2
(30 LECTURE HOURS)
Prerequisite: Prerequisite: Acceptance into the Dental Hygiene Program Focuses on prevention through patient education.

Includes dental hygiene clinical procedures, such as sealants, polishing, fluoride treatments, and treatment planning as well as instrumentation instruction.
Location(s): Rangely

DEH 1016 PREVENTIVE DENTISTRY AND SPECIAL NEEDS PATIENTS/2
(30 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Focuses on application of the basic sciences in maintaining healthy oral tissues for all patient populations. Emphasizes plaque and plaque-related diseases and the basic philosophy involved in controlling and/or preventing disease. Addresses the role of the dental hygienist in etiology, epidemiology of disease, primary preventive efforts, oral health education, nutrition and dietary measures, and preventive agents.
Location(s): Rangely

DEH 1022 PERIODONTICS I/2
(30 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Introduces the principles of periodontics with a focus on the recognition of tissues in health and disease, macro and microanatomy of the periodontium, and histopathology of periodontal diseases and other related gingival conditions. This course explains the theory and discussion of periodontal assessment, etiology, epidemiology, inflammatory process/immune response, and the American Academy of Pediatrics (AAP) Periodontal Disease Classification System.
Location(s): Rangely

DEH 1023 HEAD AND NECK ANATOMY/ 1(15 LECTURE HOURS)
Prerequisite: Prerequisite: Acceptance into the Dental Hygiene Program. Analyzes the anatomy and function of the head and neck with emphasis on the muscles of mastication and facial expression, bones of the head and neck, the temporomandibular joint, lymphatics, glandular system, vascular supply, nervous system, and the oral cavity.
Location(s): Rangely

DEH 1026 DENTAL MATERIALS/2
(15 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: Prerequisite: Acceptance into the Dental Hygiene Program.
Examines the science of dental materials providing a sound knowledge of the use and function of these materials in clinical practice. Covers didactic and laboratory experiences of the physical properties, chemistry, and clinical applications of the materials used in the practice of dentistry.
.**Location(s): Rangely**

DEH 1032 APPLIED PHARMACOLOGY/2
(30 LECTURE HOURS)
Prerequisite:-Acceptance into the Dental Hygiene Program.
Examines general pharmacology and discusses relevant drugs that may influence the management of dental hygiene patients. Completion of the course enables students to perform safe and effective evaluations of patients for dental hygiene treatment.
Location(s): Rangely

DEH 1033 LOCAL ANESTHESIA/2
(15 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Provides a working knowledge of the theory and practice of local anesthesia as applied to the practice of dentistry/dental hygiene. Emphasizes mastery of the armamentarium and techniques of regional anesthesia. Covers the knowledge and skills necessary to administer local anesthetics proficiently and safely.
Location(s): Rangely

DEH 1038 NITROUS OXIDE/OXYGEN SEDATION/1
(7.5 LECTURE HOURS; 15 LAB HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Develops a working knowledge of the equipment and methods used to administer nitrous oxide/oxygen sedation in the dental office.
Location(s): Rangely

DEH 1050 DENTAL LASERS: THEORY AND PRACTICE/1
(15 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Develops knowledge related to the use of diode lasers in dental hygiene treatment. Introduction to the physics of laser technology with safe integration into the dental hygiene clinical setting.
Location(s): Rangely

DEH 1070 CLINICAL PRACTICE OF DENTAL HYGIENE I/3
(**90 LAB HOURS)**

Prerequisite: Acceptance into the Dental Hygiene Program.
Creates direct clinical experience for the student dental hygienist by providing an opportunity to treat a variety of patients utilizing assessment, instrumentation, and additional preventative clinical procedures.
Location(s): Rangely

DEH 1071 CLINICAL PRACTICE OF DENTAL HYGIENE 1-A/3
(90 LAB HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Provides patient care opportunities for the performance of dental hygiene treatment. Treatment will be provided to both periodontal-compromised and healthy patients utilizing advanced instrumentation and power scaling.
Location(s): Rangely

DEH 1075 SPECIAL TOPICS – SEE DEH 241
DEH 2001 CLINIC II LECTURE/2
(30 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Continues development of clinical skills with an introduction to Gracey curettes, developing treatment plans for the periodontal patient and establishing maintenance schedule for oral health. Addresses special techniques for calculus detection. Allows student to demonstrate and practice through lab activities. Focuses on the patient with special needs. Student has sophomore standing in Dental Hygiene Program.
Location(s): Rangely

DEH 2004 COMMUNITY DENTAL HEALTH I/2
(30 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Develops knowledge in the concepts, methods, and social determinants of health related to improving oral health in the community. Emphasis is placed on evidence-based strategies for the development of oral health promotion, oral disease prevention and oral health management programs.
Location(s): Rangely

DEH 2013 GENERAL AND ORAL PATHOLOGY/3
(45 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Focuses on the fundamentals of general pathology and the disease process. Covers oral pathology with emphasis on recognition and identification of pathologic conditions that most frequently occur around the oral cavity. Helps students identify appropriate referral mechanisms to render a definitive diagnosis
Location(s): Rangely

DEH 2021 ETHICS AND PRACTICE MANAGEMENT/2 (30 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Focuses on the transition from an educational environment to a working dental business. Enables the student to learn management skills of operating a dental office. Emphasizes opportunities for self-exploration in development of personal and professional goals. Examines professional ethics, legal issues, and the relationship to the licensed practice of dental hygiene.
Location(s): Rangely

DEH 2025 COMMUNITY DENTAL HEALTH II: FIELD EXPERIENCE/1
(30 LAB HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Provides practical application of community dental health theory and opportunities to conduct needs assessments on a variety of populations. Emphasizes meeting the educational needs of specific populations through program planning, implementation and evaluation. Incorporates supervised field experiences in low-income, school and other public facilities as well as private health and education oriented organizations
Location(s): Rangely

DEH 2042 PERIODONTICS II/2
(30 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Continues to explore theoretical/clinical preparations with emphasis on dental hygiene process of care, treatment planning, non-surgical treatment, evaluation of treatment, and maintenance needs of the periodontal patient. Develops research and decision making skills with use of library and Internet resources relating to risk factors, etiologic agents, and treatment modalities. Includes comprehensive periodontal assessment, supplemental diagnostics, periodontal pharmacology, and evidence based treatment planning.
Location(s): Rangely

DEH 2068 CLINICAL THEORY OF DENTAL HYGIENE II/2
(30 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Provides the didactic theory for clinical practice of dental hygiene skills at the beginning of the second year of dental hygiene curriculum. Builds on clinic theory from first year curriculum to provide the knowledge base needed for treatment of patients with more advanced periodontal disease and medical/health factors. Focuses on: periodontal charting and documentation, interpretation of periodontal factors on radiographs, use of treatment planning in the dental hygiene process of care, legal parameters of record keeping and informed consent, use of oral photography, application of sealants, treatment of dental hypersensitivity, application of chemotherapeutics and professional oral irrigation, application of ergonomics in dentistry, clinical dental hygiene treatment considerations for patients with history of cardiac complications and diabetes.
Location(s): Rangely

DEH 2070 CLINICAL PRACTICE OF DENTAL HYGIENE II/6
(180 LAB HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.

Covers patient care sessions for the performance of traditional dental hygiene treatment. Continues and expands periodontal patient care and special patient care sessions. Focuses on clinical competence in margination and polishing of restorations, nutrition counseling, oral irrigation, chemotherapeutics and OSHA compliance.
Location(s): Rangely

DEH 2071 CLINICAL PRACTICE OF DENTAL HYGIENE III/6
(180 LAB HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Continues patient care session with emphasis on attaining a level of competency and efficiency for successful performance in clinical board exams and private practice. Focuses on clinical skill development in tobacco cessation, product selection, patient communications, curettage and special topics developed patient treatments. Provides elective extra-mural clinical sites for additional practice
Location(s): Rangely

DEH 2085 CLINICAL THEORY OF DENTAL HYGIENE III/1
(15 LECTURE HOURS)
Prerequisite: Acceptance into the Dental Hygiene Program.
Serves as the capstone course of the final semester of a two-year curriculum. Prepares the student for two major goals: basic competence for transition to provision of dental hygiene services in private practice; and the ability to successfully pass both written National Boards examinations and regional dental hygiene clinical examinations. Emphasizes the application of case based learning. Major topics include: cosmetic bleaching, air powered polishing devices, application of the re-evaluation process in treatment planning for periodontally involved cases, preparation for the CRDTS regional clinical exam process, application of an effective tobacco cessation process, technique and process for gingival curettage, technique and process for amalgam polishing and margination, care of cosmetic dental restorations, and maintenance of implants.
Location(s): Rangely

DEH 3026 ORAL HEALTH PROMOTIONS/3
(45 CONTACT HOURS)
Prerequisite: Program Acceptance
Focuses on the assessment of oral health needs and issues of designated populations, recommended strategies to meet those needs along with advanced concepts involving risk reduction, health literacy strategies, and epidemiology.
Location(s): Online

DEH 3043 PRINCIPLES OF CONFLICT RESOUTION IN DENTISTRY/3 (45 CONTACT HOURS)
Prerequisite: Program Acceptance
Studies the principles of conflict resolution as it relates to the profession of dental hygiene. Students will learn the strategies available for resolving conflicts with peers, team members, patients and employers. Students will reflect on their own strategies for resolving conflicts based on practical experiences.
Location(s): Online

DEH 3047 DENTAL HYGIENE BUSINESS ADMINISTRAITON/3 (45 CONTACT HOURS)
Prerequisite: Program Acceptance
Examines the intricacies of business including accounting, finance, marketing and management with special emphasis on dental and dental hygiene practice issues, business planning and ethical considerations.

Location(s): Online

DEH 3055 SOCIAL ISSUES IN ORAL HEALTH/3 (45 CONTACT HOURS)
Prerequisite: Program Acceptance
Evaluate the complexity and interplay of social and physical environmental structures, economic systems, and behavioral patterns that affect overall health with a focus on health services, health beliefs and their impact on health-related behavior choices.

DEH 4002 DIVERSITY & CULTURAL RESEARCH/3 (45 CONTACT HOURS)
Prerequisite: Program Acceptance
Examines knowledge, beliefs, and behaviors that influence healthcare choices and become barriers to healthcare services by creating cultural competence with a positive effect on patient care delivery and acceptance of treatment.
Location(s): Online

DEH 4011 TEACHING METHODLOGIES/3 (45 CONTACT HOURS)
Prerequisite: Program Acceptance
Evaluate the complexity and interplay of social and physical environmental structures, economic systems, and behavioral patterns that affect overall health with a focus on health services, health beliefs and their impact on health-related behavior choices. **Location(s): Online**

DEH 4071 ADVANCED PHARAMCOLOGY/3 (45 CONTACT HOURS)
Prerequisite: Program Acceptance
Provides the student with current research application of pharmacology as it relates to the oral manifestations and complications of associated drugs. Students will investigate the effects, oral implications, treatment considerations and contraindications for the management of patient care. This course will study the most frequently used drugs by patients today and determine the overall impact on oral health.
Location(s): Online

DEH 4089 CAPSTONE/4 (60 CONTACT HOURS)
Prerequisite: Program Acceptance
Provides the student an opportunity to participate in a cumulative learning experience that integrates theory and applies previously learned knowledge and skill. The student will design, implement and evaluate a project related to their specific area of interest.
Location(s): Online

EARLY CHILDHOOD EDUCATION

ECE 1011 INTRODUCTION TO EARLY CHILDHOOD EDUCATION/3
(45 LECTURE HOURS)
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 age's birth through age eight.
Location(s): Online; Virtual

ECE 1031 GUIDANCE STRATEGIES FOR CHILDREN/3
(45 LECTURE HOURS)
Prerequisite: ECE 1011
Explores guidance theories, applications, goals, techniques and factors that influence expectations, classroom management issues, and prosocial skills. Addresses age's birth through age 8.
Location(s): Online; Virtual

ECE 1045 INTRODUCTION TO EARLY CHILDHOOD LAB TECHNIQUES/3
(15 LECTURE HOURS; 45 LAB HOURS)
Prerequisite or Co-requisite: ECE 1011 and ECE 1031.
Focuses on a classroom seminar and placement in a child care 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 age's birth through age 8.
Location(s): Online; Virtual

ECE 1075 SPECIAL TOPICS/0-3
(UP TO 68 CONTACT HOURS)
Explores current topics, issues and activities related to one or more aspects of the early childhood profession.

ECE 1088 PRACTICUM: EARLY CHILDHOOD EDUCATION/1
(45 CONTACT HOURS)
Prerequisite or Co-requisite: ECE 1011

EARLY CHILDHOOD EDUCATION

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Location(s): Online; Virtual

ECE 1031 GUIDANCE STRATEGIES FOR CHILDREN/3
(45 LECTURE HOURS)
Prerequisite: ECE 1011
Explores guidance theories, applications, goals, techniques and factors that influence expectations, classroom management issues, and prosocial skills. Addresses age's birth through age 8.
Location(s): Online; Virtual

ECE 1045 INTRODUCTION TO EARLY CHILDHOOD LAB TECHNIQUES/3
(15 LECTURE HOURS; 45 LAB HOURS)
Prerequisite or Co-requisite: ECE 1011 and ECE 1031.
Focuses on a classroom seminar and placement in a child care 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 age's birth through age 8.
Location(s): Online; Virtual

ECE 1075 SPECIAL TOPICS/0-3
(UP TO 68 CONTACT HOURS)
Explores current topics, issues and activities related to one or more aspects of the early childhood profession.

ECE 1088 PRACTICUM: EARLY CHILDHOOD EDUCATION/1
(45 CONTACT HOURS)
Prerequisite or Co-requisite: ECE 1011
Provides students with field experience in early childhood programs.

ECE 1111 INFANT AND TODDLER THEORY & PRACTICE/3
(45 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
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. Focuses on birth through age three.
Location(s): Online

ECE 1125 INFANT/TODDLER LAB TECHNIQUES /3
(45 LECTURE HOURS)
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.
Location(s): Online

ECE 1571 FAMILY DNYAMICS /1
(15 LECTURE HOURS)
Enables the student to understand and develop partnerships with families who have children with special needs. Introduces the concept of family systems, the impact of children with special needs upon the family system, and the role of the paraeducator in collaborating with families of diverse cultural, socio-economic, and ethnic backgrounds.
Location(s): Online

ECE 1611 THE TEAM PROCESS /1
(15 LECTURE HOURS)
Enables the student to work effectively in team situations. Covers the interpersonal aspects of working in a team as well as specific skills in establishing good working relationships among personnel with differing roles and responsibilities.
Location(s): Online

ECE 1261 ART AND THE YOUNG CHILD/2
(30 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
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.

ECE 1271 MUSIC/MOVEMENT FOR THE YOUNG CHILD/1
(15 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
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

ECE 2051 NUTRITION, HEALTH AND SAFETY/3
(45 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
Focuses on nutrition, health and safety as a key factor 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.
Location(s): Online; Virtual

ECE 2061 OBERVATION & ASSESSMENT OF YOUNG CHILDREN /1
(15 LECTURE HOURS)
Provides a foundational understanding of the observation and assessment of young children's development and learning environments. This course also examines the current research on the continuous practice of observing and assessing children's development and incorporates practice with a variety of assessment instruments, particularly evidence-based and authentic assessment.
Location(s): Online

ECE 2088 PRACTICUM: EARLY CHILDHOOD EDUCATION/3
(135 CONTACT HOURS)
Prerequisite or Co-requisite: ECE 1011
Provides students with advanced field experience opportunities in early childhood education programs.
Location(s): Virtual

ECE 2089 CAPSTONE: EARLY CHILDHOOD EDUCATION /0-12
(45 CONTACT HOURS/CREDIT)
Incorporates a demonstrated culmination of learning within a given program of study.
Location(s): Online

ECE 2101 WORKING WITH PARENTS, FAMILIES, AND COMMUNITY SYSTEMS/3
(45 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
Examines attitudes and family values systems and how they affect parent-professional partnerships. Addresses communication, problem-solving and conflict resolution strategies. Plans effective activities and programs for parent involvement. Addresses age's birth through 8.
Location(s): Virtual

ECE 2381 CHILD DEVELOPMENT/3
(45 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
Focuses on growth and development of the individual from conception through childhood, emphasizing physical, cognitive, emotional, and psychosocial factors. (SS3)
Location(s): Online; Virtual

ECE 2401 ADMINISTRATION OF EARLY CHILDHOOD CARE AND EDUCATION PROGRAMS/3
(45 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
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 age's birth through age 12.
Location(s): Online; Virtual

ECE 2411 ADMINISTRATION: HUMAN RELATIONS FOR EARLY CHILDHOOD EDUCATION/3
(45 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
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.
Location(s): Online

ECE 2601 EXCEPTIONAL CHILD/3
(45 LECTURE HOURS)
Prerequisites or Co-requisite: ECE 1011 and ECE 2381
Presents an overview of critical elements related to educating you children with disabilities in the early childhood setting. Topics include: typical and atypical development, legal requirements, and research based practices related to inclusion, and accommodations and adaptations. Student will learn how a disability will impact a young child's learning process. Focus of the course is on birth through age 8.
Location(s): Online; Virtual

ECE 2621 CURRICULUM DEVELOPMENT: METHODS AND TECHNIQUES/3
(45 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011 and ECE 2381
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. Focuses on age's birth through age 8.
Location(s): Online; Virtual

ECE 2631 LANGUAGE AND COGNITION FOR THE YOUNG CHILD/3
(45 LECTURE HOURS)
Prerequisites or Co-requisite: ECE 1011
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 age's birth through age 8.
Location(s): Online

ECE 2641 CREATIVITY AND THE YOUNG CHILD/3
(45 LECTURE HOURS)
Prerequisite or Co-requisite: ECE 1011
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 age's birth through age 8.
Location(s): Online

ECE 2651 EARLY LANGUAGE AND LITERACY /3
(45 LECTURE HOURS)
Provides foundational knowledge of the developmental progression of language and literacy acquisition of mono- and bi-lingual children age's birth to age 8. This course provides opportunities to explore and practice language and literacy teaching strategies to use with young children in home, classroom, and community settings.
Location(s): Online

ECE 2651 SCIENCE/MATH & THE YOUNG CHILD /3
(45 LECTURE HOURS)
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.
Location(s): Online

ECONOMICS

ECO 1001 Economics of Social Issues GT-SS1 /3
(45 LECTURE HOURS)
Examines major contemporary socio-economic issues and policies such as drugs and crime, education, health care, poverty and inequality, and globalization. These issues will be explored using economic tools and methods. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Online

ECO 2001 PRINCIPLES OF MACROECONOMICS: GT-SS1/3
(45 LECTURE HOURS)
Focuses on the study of the national economy, emphasizing business cycles and long-run growth trends. Explores how macroeconomic performance is measured, including Gross Domestic Product and labor market indicators. Examines the saving-investment relationship and its relationship to Aggregate Supply and Aggregate Demand. Discusses money and banking, international trade, fiscal and monetary policy. Explores the macroeconomic role of the public sector. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Craig; Rangely; Online

ECO 2002 PRINCIPLES OF MICROECONOMICS: GT-SS1/3
(45 LECTURE HOURS)
Focuses on the study of individual decision making, emphasizing households, business firms and industry analysis. Explores market models, including competition, monopoly, monopolistic competition and oligopoly. Examines market failure and related efficiency criteria for government intervention. Explores public policy, including labor market issues, poverty and the environment. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Craig; Rangely; Online

ECO 2011 GENDER IN THE ECONOMY: GT-SS1/3
(45 LECTURE HOURS)

Introduces the role of gender in the economy including the concepts of femininity and masculinity and how these concepts play a role in consumption, labor, marriage, poverty, inequality, and globalization. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Online

ECO 2045 ENVIRONMENTAL ECONOMICS: GT-SS1/3
(45 LECTURE HOURS)
Introduces contemporary environmental issues and policies meant to reduce environmental degradation. It introduces the concept of market failure due to pollution. The course covers government pollution reduction policies for air, water, and natural environments. It also covers analytical tools that are used to analyze the effectiveness of these policies. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Online

EDUCATION

EDU 1088 PRACTICUM I /0-12
(45 CONTACT HOURS/CREDIT)
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 education facility and with the direct guidance of the instructor.
Location(s): Online

EDU 1311 INTRODUCTION TO ADULT EDUCATION /3
(45 LECTURE HOURS)
Provides an introduction to adult education with an emphasis on providing instruction to adult learners developing their ability to listen, speak, read, and write in English and learners with skills below 12th grade equivalency. Key areas include adult education theories, principles, methods and techniques; adult education legislation, initiatives and movements; adult basic education services and service providers; understanding the adult learner; metacognition; the instructional environment; and professional development for adult educators.
Location(s): Online

EDU 1321 PLANNING & DELIVERING INSTRUCTION TO ADULT LEARNERS /3
(45 LECTURE HOURS)
Provides an introduction to planning and delivering instruction to adult learners with an emphasis on developing the English language proficiency of non-native English speakers and improving the skills of learners whose skills are below 12th grade equivalency. Key areas include identification of learners' skills, needs and goals; the use of information about learners to plan instruction and assessment; the development of learner independence; the creation of an instructional environment that supports and engages adult learners.
Location(s): Online

EDU 1331 TEACHING ADULT BASIC EDUCTION & ADULT SECONDARY EDUCATION1/3
(45 LECTURE HOURS)
Provides an introduction to providing literacy and numeracy skills instruction to adult learners functioning below 12th grade equivalency. Key areas include understanding the Adult Basic Education and Adult Secondary Education learner and the literacy and numeracy skills needed to complete each Educational Functioning Level; preparing written instructional plans; delivering level appropriate instruction using techniques and resources appropriate for ABE and ASE learners; using technology; and preparing learners to transition to postsecondary education and careers.
Location(s): Online

EDU 2211 INTRODUCTION TO EDUCATION/3
(45 LECTURE HOURS)
Prerequisite: College level reading and writing as demonstrated on college level placement scores.
Co-requisite: Field-Experience component, if not embedded in the class.
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. Special interest will be paid to the topic of diversity in the K-12 school system.
Location(s): Online

EDU 2221 EFFECTIVE TEACHING/1
(15 LECTURE HOURS)
Focuses on strategies for becoming an effective teacher. Topics include course goals and objectives, the first day, planning a lesson, higher levels of thought, test design and grading, assessment, and teaching and learning styles.
Location(s): Online

EDU 2341 MULTICULTURAL EDUCATION /3
(45 LECTURE HOURS)
Explores racial, ethnic, cultural, and socioeconomic groups to gain an understanding of equity, diversity, and inclusion in communities and education. This course provides

opportunities to contextualize multicultural perspectives in society and their impact on the education system.
Location(s): Online

EDU 2401 TEACHING EXCEPTIONAL LEARNERS /3
(45 LECTURE HOURS)
Focuses on learners with exceptionalities with emphasis on factors relating to current practices, identification, characteristics, and educational adaptations in special education preschool to 21 (P-21). Course topics include issues related to mild disabilities, severe disabilities, emotional and behavioral disorders, intellectual disabilities, and gifted and talented.
Location(s): Online

EDU 2501 CTE IN COLORADO
(15 LECTURE HOURS)
Explores common elements of Career and Technical Education philosophy and current practices. It details the philosophy of Career and Technical Education (CTE), the federal Carl D. Perkins legislation and related guidelines for CTE, the Colorado Technical Act, national and state regulatory agencies, the CCCS program approval process, enrollment management and advising strategies, relevant local and national issues, and quality assurance principles.
Location(s): Online

EDU 2611 TEACHING, LEARNING & TECHNOLOGY /3
(45 CONTACT HOURS/CREDIT)
Explores integration of technology instruction into teaching practices used in preschool through postsecondary (P-21) educational settings for all curriculum areas of content. This course reviews a variety of technologies with an emphasis on increasing student learning and retention of knowledge. The course also explores combining technology with several instructional methodologies to promote professional teacher dispositions related to technology-rich teaching.
Location(s): Online

EIC: ELECTRICITY IND/COMMERCIAL

EIC 2340 SCADA: SUPERVISORY CONTROL AND DATA ACQUISITION/4
(65 LECTURE HOURS)
Provides an in-depth overview of how remote sensing and actuation are combined with modern communication techniques to effectively monitor and control industrial processes. Supervisory Control & Data Acquisition (SCADA) refers to an industrial control system, a computer system that monitors and controls processes.
Location(s): Online; Craig

ENGLISH

ENG 0090 COMPOSITION & READING/3
(75 LECTURE HOURS)
Prerequisite:
Accuplacer RC 40-61 or SS 50-69 or
Next Gen Accuplacer Writing 225-235
Integrates and contextualizes college level Reading and writing.
Location(s): Craig; Rangely; Online; Concurrent

ENG 0094 STUDIO 1021/3
(45 LECTURE HOURS)
Prerequisite:
Accuplacer: RC 62-79 or SS 70-94 Next Gen Accuplacer Writing 236-245
Co-requisite: ENG 1021
Integrates and contextualizes reading and Writing strategies tailored to co-requisite ENG 121 coursework.
Location(s): Craig; Rangely; Online

ENG 1031 TECHNICAL WRITING I/3
(45 LECTURE HOURS)
Prerequisite: CCR 0092 Next Gen Accuplacer Writing 246+ or instructor permission
Develops skills one can apply to a variety of technical documents. Focuses on principles for organizing, writing, and revising clear, readable documents for industry, business, and government. (CO1)
Location(s): Online

ENG 1021 ENGLISH COMPOSITION I/3
(45 LECTURE HOURS)
Prerequisite: CCR 0092 or
ACT English 18 or
SAT Verbal/Critical Reading (Pre 3/2016) 430 or
SAT Evidence Based Read/Write 470 or
Accuplacer RC 80 or SS 95 or
Next Gen Accuplacer Writing 246+
Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. *(*CO1).
Location(s): Craig; Rangely; Online; Concurrent

ENG 1022 ENGLISH COMPOSITION II/3
(45 LECTURE HOURS)
Prerequisite: ENG 1021

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 argumentative compositions. (CO2)
Location(s): Craig; Rangely; Online; Concurrent

ENG 2001 ENGLISH COMPOSITION III: CO3/3
(45 LECTURE HOURS)
Prerequisite: ENG 1022
Provides the skills necessary to enter into higher-level undergraduate academic discourse or professional workplace writing. This course extends rhetorical knowledge and develops critical reading, thinking, and writing strategies in multiple specialized areas of discourse beyond what is encountered in previous composition courses. (CO3)
Location(s): Online

ENG 2021 CREATIVE WRITING I/3
(45 LECTURE HOURS)
Prerequisite: ENG 1021 or instructor permission.
Examines techniques for creative writing by exploring imaginative uses of language through creative genres (fiction, poetry, and other types of creative production such as drama, screenplays, graphic narrative, or creative nonfiction) with emphasis on the student's own unique style, subject matter and needs.(AH1)
Location(s): Rangely; Online; Concurrent

ENG 2022 CREATIVE WRITING II/3
(45 LECTURE HOURS)
Prerequisite: ENG 2021
Provides continued development of written expression in the creative genres (fiction, poetry, and other types of creative production such as drama, screenplays, graphic narrative, or creative nonfiction) with emphasis on the student's own unique style, subject matter and needs.
Location(s): Online

ENG 2026 FICTION WRITING /3
(45 LECTURE HOURS)
Provides techniques for analyzing and writing fiction, including the study of form and technique with an emphasis on the writing process.
Location(s): Online

ENG 2027 POETRY WRITING /3
(45 LECTURE HOURS)
Provides strategies for analyzing and writing poetry, including the study of form and craft with an emphasis on the revision process. Sample texts will cover a diverse range of works from various cultures and perspectives.
Location(s): Online

ENTREPRENEURSHIP

ENP 1005 INTRO TO ENTREPRENEURSHIP /3
(45 LECTURE HOURS)
Explores the business skills, personality traits, and commitment necessary to successfully plan, launch, and grow an entrepreneurial venture. This course will cover the challenges and rewards of entrepreneurship. This course will cover the role of entrepreneurial businesses in the United States and the world and their impact on our national and global economy.
Location(s): Online

ENP 2005 MARKETING FOR THE ENTREPRENEUR /3
(45 LECTURE HOURS)
Covers marketing strategies to launch and sustain an entrepreneurial venture. This course will include topics on marketing entrepreneurial ventures utilizing innovative and financially responsible marketing strategies. This course will help students to develop an understanding of entrepreneurial marketing goals and objectives. The course covers marketing principles and electronic marketing.
Location(s): Online

ENP 2007 ENTREPRENEURSHIP FINANCIAL TOPICS /3
(45 LECTURE HOURS) Will cover topics such as financial planning for entrepreneurs, understanding tax considerations, understanding financial documents, financial ratio analysis, cash flow management, cost of capital and budgeting, raising capital, valuation, risk assessment, and venture exits.
Location(s): Online

ENVIRONMENTAL SCIENCE

ENV 1010 NATURAL DISASTERS/3
(45 LECTURE HOURS)
Introduces different types of natural hazards, their causes, effects, and what can be done to reduce the risks to human populations. Scientific advances related to understanding, predicting, and preparing for natural disasters are discussed. This course also covers anthropogenic changes to Earth systems, which may be increasing the frequency and severity of these events. (SC2)
Location(s): Craig; Rangely; Online

ENV 1111 INTRODUCTION TO ENVIRONMENTAL SCIENCE/4
(45 LECTURE HOURS; 30 LAB HOURS)

Introduces the basic concepts of ecology and the relationship between environmental problems and biological systems. This course includes interdisciplinary discussions on biology, chemistry, geology, energy, natural resources, pollution, and environmental protection. A holistic approach is used when analyzing how the foundations of natural sciences interconnect with the environment. (SC1)
Location(s): Online

EQUINE MANAGEMENT

EQM 1003 MANAGEMENT PRACTICUM I/3 (67.5 LAB HOURS)
Enables students to gain practical experience in basic horse husbandry, basic horsemanship and stable management practices. Students are assigned a horse and practice day-to-day management at the college's equine facility. Through practical experience students develop professional characteristics in appearance, attitude, and work ethic.
Location(s): Craig

EQM 1051 HORSE PRODUCTION/4 (60 LECTURE HOURS)
Focuses on the external anatomy, and internal anatomy and physiology including skeleton, joints, muscles, digestive system, urinary-excretory system, respiratory system, circulatory system, nervous system, skin and hair. Covers the elements of conditioning these systems for various levels of training.
Location(s): Craig

EQM 1053 EQUINE EVALUATION/3 (45 LECTURE HOURS)
Focuses on the evaluation of a horse's conformation and performance. Covers terms used in judging horse conformation, evaluation of a horse's conformation and structural soundness, and evaluating performance horses in various classes.
Location(s): Craig

EQM 1058 EQUINE REPRODUCTION/2 (30 LECTURE HOURS)
Introduces horse reproduction and the various breeding and management practices found on breeding farms. Covers physiology of the mare and stallion reproductive systems, care of the stallion and the mare, mare heat detection, breeding, care of pregnant mares, foaling, problems in the foal, and care of the foal and yearling.
Location(s): Craig

EQM 2015 LAMENESS IN HORSES/3 (45 LECTURE HOURS)
Prerequisite: ASC 1102 or instructor Permission.
Expands on basic equine anatomy with emphasis on normal function of front & rear legs & feet including methods of evaluating deviations from normal function presented as lameness in horses. Also discusses response to injury by the body, forms of therapy and conditioning techniques for returning horses to work after injury.
Location(s): Craig

EQM 2051 EQUINE MANAGEMENT/3 (67.5 LAB HOURS)
Covers practical aspects of horse and stable management, feeds and nutrition, diseases and wounds, unsoundness and blemishes, castration, immunization, worming, health care, care of feet and legs, organizing stable routine and activities, stable records and stable construction. Focuses on marketing methods and promotional advertising methods for stables, trainers and horses.
Location(s): Craig

EQM 2080 EQUINE INTERNSHIP/7-10 (262.5 – 375 INTERNSHIP HOURS)
Students are employed or work at home on an equine operation. The work experience must cover a minimum of 320 hours with the student involved in all facets of this operation.
Location(s): Craig

EQT 1040 RANCH HORSE VERSATILITY I/3 (45 LECTURE HOURS)
Offers a riding intensive course designed to train the horse in the ranch horse versatility competitive events. Students will develop skills in the working cow horse, reining, ranch cutting, ranch trail, conformation, and ranch pleasure events.
Location(s): Craig

EQT 2000 FUNDAMENTALS OF RIDING INSTRUCTION/3 (67.5 LAB HOURS)
Develops the basic skills needed to become effective teachers of riding. Through classroom and arena assignments, students have the opportunity to gain confidence, learn methods of organization, and develop lesson plans and practice teaching techniques. Students learn techniques in teaching basic skills for western horsemanship.

EQT 2053 APPLIED HORSEMANSHIP/5 (112.5 LAB HOURS)
Provides the student intermediate to advanced horsemanship and maneuvers, with emphasis

on individual work.
Location(s): Craig

ESTHETICIAN

EST 1010 INTRODUCTION TO FACIALS AND SKIN CARE/3
(15LECTURE HOURS; 45 LAB HOURS)
Provides a basic understanding of massage manipulations when providing facials and the study of skin in both theory and practical applications. Benefits derived from proper facial and good skin care routines. Training is conducted in a classroom or lab setting using mannequins or models.
Location(s): Craig

EST 1011 INTERMEDIATE FACIALS & SKIN CARE/2
(45 LAB HOURS)
Covers theory and practical application pertaining to anatomy, skin disorders, skin types and facial shapes. Students help patrons to select the proper skin care treatment. Practical and theory application can be done in specialized classes or supervised salon (clinical) setting using models or customer service.
Location(s): Craig

EST 2010 ADVANCED MASSAGE & SKIN CARE/2
(45 LAB HOURS)
Provides the student with advanced techniques in massage, skin care, and lash/brow tinting. Theory and practical procedures ready the student for employment. Instruction is provided in specialized classes or in a supervised salon (clinical) setting. Student preparation for State Board Licensing Examination.
Location(s): Craig

EST 2011 FACIAL MAKE-UP/1
(22.5 LAB HOURS)
Provides instruction on cosmetics and their functions. The importance of color theory, facial types and skin tones as they relate to facial makeup. Instruction from the basic makeup application to the corrective makeup procedure is taught. Disinfection and sanitation is taught as it pertains to all aspects of makeup.
Location(s): Craig

EST 2012 HAIR REMOVAL/3
(15 LECTURE HOURS; 45 LAB HOURS)
Provides in-depth study and practice of hair removal and the practice of patron protection and safety. Training for general waxing and body waxing procedures are provided. Demonstration of disinfection and sanitation as it pertains to Colorado rules and regulations will be practiced.
Location(s): Craig

EST 2075 SPECIAL TOPICS/0-12
(7.5 – 270 LECTURE/LAB HOURS)
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
Location(s): Craig

ETHNIC STUDIES

ETH 2000 INTRODUCTION TO ETHNIC STUDIES/3
(45 LECTURE HOURS)
Introduces students to the issues of race and ethnicity. Emphasizes ethnic relations in the United States as it pertains to four major groups: Americans of African, Asian, Latino and Native descent. Explores issues of racial and ethnic identity, racism and discrimination, stereotyping, prejudice, segregation, colonialism, integration and acculturation. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Location(s): Online

ETH 2015 DISCRIMINATION, DIVERSITY, AND DIFFERENCE IN THE UNITED STATES/3
(45 LECTURE HOURS)
Explores important rhetorical issues of diversity and community as they have been played out historically in the construction of U.S. culture. Using multiple scholarly sources, the course will utilize historical, legal, critical, philosophical, sociological, and narrative approaches to study diversity and the conflict that often surrounds the quest for moral, social, and economic inclusion in the United States. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Location(s): Online

FINANCE

FIN 1010 INTRODUCTION TO FINANCE/3
(45 LECTURE HOURS)
Provides an in-depth study of the US monetary system, the role of banks as financial intermediaries, and the types of financing. Includes international financial markets and international financial instruments used in importing and exporting, analysis of stock and bond values, the role and process of the stock and bond markets and the derivative marketplace. Enables the student to produce a cash budget, analyze financial statements including all financial ratios used in credit

analysis, and determine capital requirements and financing arrangements.
Location(s): Craig, Concurrent

FIN 1050 PRINCIPLES OF BANKING/3
(45 LECTURE HOURS)
Explores nearly every aspect of banking as a solid foundation for any career in the financial services industry. Just as the industry is constantly changing, this course is continually being revised to provide specific up-to-date information.
Location(s): Craig

FIN 1060 CONSUMER ECONOMICS /3
(45 LECTURE HOURS)
Focuses on consumer effectiveness based on consumer choice theory, maximizing income through informed decision making, product utility, and customer satisfaction.
Location(s): Online

FIN 2010 PRINCIPLES OF FINANCE /3
(45 LECTURE HOURS)
Provides factual knowledge of financial institutions and the monetary system used in the United States in relationship to the global economy. Examines tools and techniques such as capital budgeting, time value of money, analysis of financial statements, cost of capital, and risk analysis to analyze business decisions, plan and determine project and firm value, and evaluate sources of financing.
Location(s): Online

FIN 2026 MONEY AND BANKING/3
(45 LECTURE HOURS)
Presents a fundamental treatment of how money functions in the U.S. and world economies. Includes the concept of money supply, the Federal Reserve System, the role banks play as a money creator and participant in the nation's payment mechanism. Examines how the various types of financial institutions operate, the working of monetary and fiscal policies, and the role of a Central Bank and International Banking.
Location(s): Craig

FIN 2045 LAW AND BANKING APPLICATIONS/2
(45 LECTURE HOURS)
Introduces the laws pertaining to secured transactions, letters of credit, and the bank collection process. Enables the student to explain the concept of negotiability, analyze the concept of holder-in-due-course status, define and explain the nature of the letter of credit, describe the nature of primary and secondary contractual liability on an instrument, identify the issues related to secured transactions and discuss the legal issues related to bank collections and check losses.
Location(s): Craig

FIN 2085 INDEPENDENT STUDY/0-12
(15-180 LECTURE HOURS)
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.
Location(s): Craig

GENERAL EQUIVALENCY DIPLOMA

GED 010 PRE-GED PREPARATION/1-12
(15-180 LECTURE HOURS)
Presents material for the student who needs review before doing GED preparation. Diagnostic tests determine skill level; help is available in writing skills, reading, and math.
Location(s): Craig, Meeker, Rangely

GED 011 GED PREPARATION/1-12
(15-180 LECTURE HOURS)
Prerequisite: A minimum score of 35 on individual GED Pre-tests or GED 010.
Presents material for students who need to prepare for the GED tests: Language Arts, writing; Language Arts, Reading; Mathematics; Science; and Social Studies.
Location(s): Craig, Meeker, Rangely

FRENCH

FRE 1011 FRENCH LANGUAGE I/5
(75 LECTURE HOURS)
Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.
Location(s): Online

FRE 1012 FRENCH LANGUAGE II/5
(75 LECTURE HOURS)
Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies.
Location(s): Online

FRE 2011 FRENCH LANGUAGE III: GT-AH4/3
(45 LECTURE HOURS)

Continues the development of increased functional proficiency at the intermediate level in speaking, aural comprehension, reading, writing, and cultural competency in the French language. This course is conducted predominantly in French. This is a statewide Guaranteed Transfer course in the GT-AH4 category.
Location(s): Online

FRE 2012 FRENCH LANGUAGE IV: GT-AH4/3
(45 LECTURE HOURS)
Continues the development of increased functional proficiency at intermediate mid-level in speaking, aural comprehension, reading, writing, and cultural competency in the French language. This course is conducted predominantly in French. This is a statewide Guaranteed Transfer course in the GT-AH4 category.
Location(s): Online

GEOGRAPHIC INFORMATION SYSTEMS

GIS 1001 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS/3
(45 LECTURE HOURS)
Surveys the development and operation of automated geographic information systems. Focuses on the fundamentals of using computers to draw maps. Incorporates study of cartographic fundamentals such as map projections, map scales, selective display of data on maps, and various computer software applications in GIS.
Location(s): Rangely

GIS 1010 INTRO TO CARTOGRAPHY FOR GIS /3
(45 LECTURE HOURS)
Examines a broad range of map types, emphasizing maps as a communication system with both symbology and specific organizational hierarchies. Discussion and demonstration focuses on essential cartographic principles and practices used for designing maps, with emphasis on cartographic principles resulting in the effective map communication, qualitative messages, and quantitative information.
Location: Online

GIS 2005 GIS APPLICATIONS /3
(45 LECTURE HOURS)
Develops student competency in web based geospatial information technologies. This course introduces students to concepts and processes of software based geospatial services to deliver geospatial information over networks. The course provides a comprehensive discussion of theory and applied technology of GIS software information services as well as integration of geospatial services into GIS applications.
Location: Online

GEOGRAPHY

GEO 1005 WORLD REGIONAL GEOGRAPHY/ 3
(45 LECTURE HOURS)
Examines the spatial distribution of environmental and societal phenomena in the world's regions; environmental phenomena may include topography, climate, and natural resources; societal phenomena may include patterns of population and settlement, religion, ethnicity, language, and economic development. Analyzes the characteristics that define world regions and distinguish them from each other. Examines the relationships between physical environments and human societies. Examines globalization, emphasizing the geopolitical and economic relationships between more developed and less developed regions. (SS2)
Location(s): Online

GEO 1006 HUMAN GEOGRAPHY: GT-SS2/3
(45 LECTURE HOURS)
Introduces geographic perspectives and methods in the study of human societies by examining the spatial characteristics of populations, language, religion, ethnicity, politics, and economics. This course examines the relationships between physical environments and human societies. (SS2)
Location(s): Online

GEO 1011 PHYSICAL GEOGRAPHY-LANDFORMS/4
(45 LECTURE HOURS; 30 LAB HOURS)
Examines the principles of Earth's physical processes, emphasizing landforms, soils, and hydrology. Examines the formation and distribution of landforms, such as mountains, valleys, and deserts, and their shaping by fluvial and other processes. (SC1)

GEO 1012 PHYSICAL GEOGRAPHY – WEATHER & CLIMATE/4
(45 LECTURE HOURS; 30 LAB HOURS)
Introduces the principles of meteorology, climatology, world vegetation patterns, and world regional climate classification. The course includes investigating the geographic factors which influence climate such as topography, location, elevation, winds, and latitude. *(SC1)*

GEO 1060 GLOBAL CLIMATE CHANGE/3
(45 LECTURE HOURS)
Presents global climate change from an Earth science perspective including paleoclimatology, atmospheric science, vegetation, fluvial systems, and oceanic circulation. This course analyzes observed and predicted impacts of climate change on the world's terrestrial regions. This course examines interrelationships among economy, society, public policy, and geographic variation in greenhouse gas emissions at national and regional scales. This course also discusses efforts to mitigate climate change and its causes and/or adaptations to global climate change. (SC2)
Location(s): Online

GEOLOGY

GEY 1032 DINOSAURS OF COLORADO/2
(30 LECTURE HOURS)
Introduces the evolutionary history of dinosaurs with special emphasis on the Mesozoic environment in Colorado, the dinosaurs that inhabited it, and the history of their discovery.
Location(s): Craig

GEY 1108 GEOLOGY OF NATIONAL PARKS/3
(45 LECTURE HOURS)
Explores significant geologic features and the processes that create them using examples and case studies from the U.S. National Park System. Weathering and erosional landforms, caves and reefs, coasts, glaciers, volcanoes, and complex mountains are discussed. Fundamental geologic concepts including plate tectonics, deep time, and rock classification are introduced and incorporated throughout the course. *(SC2)*

GEY 1111 PHYSICAL GEOLOGY W/LAB/4
(45 LECTURE HOURS; 30 LAB HOURS)
Introduces the major topics of geology. Course content encompasses Earth's materials, structure, and surface landforms. Geologic time and the geologic processes responsible for Earth's internal and external features are covered. This course includes laboratory experience. (SC1)
Location(s): Craig; Online

GEY 1112 HISTORICAL GEOLOGY W/LAB /4
(45 LECTURE HOURS; 30 LAB HOURS)
Covers the development of Earth through the vast span of geologic time. Emphasis is on the investigation and interpretation of sedimentary rocks and features, the record of ancient environments, fossil life forms, and physical events in Earth's history within the framework of plate tectonics. This course includes laboratory experience. (SC1)
Location(s): Craig; Rangely; Online

GEY 1135 ENVIRONMENTAL GEOLOGY WITH LAB/4
(45 LECTURE HOURS; 30 LAB HOURS)
Introduces the subject of geology as it relates to human activities. Geologic hazards such as floods, landslides, earthquakes, and volcanoes are investigated. Mineral, energy, soil, and water resources are discussed in terms of their geologic formation and identification, usage by society, and associated environmental impacts. Land use issues, waste, and pollution are also examined. (SC1)
Location: Online

GEY 1155 GENERAL OCEANOGRAPHY I/4
(45 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: BIO 1111 or CHE1111 and Co-Requisite: BIO 1112 or CHE 11122
Provides a comprehensive introduction to modern geological and chemical oceanography. Includes earth history, plate tectonics, geophysics, geochemistry, marine sediments, the hydrosphere, physical properties of salt water, major and minor components of seawater, and ocean-atmosphere interactions. This course includes laboratory experience. *(SC1)*
Location(s): Rangely

GEY 2080 INTERNSHIP: FIELD PALEONTOLOGY/3
(45 CONTACT HOURS)
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.
Location(s): Craig

GEY 2229 FIELD PALEONTOLOGY/3
(112 FIELD HOURS)
Provides the opportunity to experience paleontology in a field setting and apply field techniques in the identification, mapping, and excavation of rocks and fossils. The course will culminate in a field trip lasting between seven and fourteen days. The specific area of investigation will be indicated in the course schedule each time the course is offered.
Location(s): Craig

GEY 2230 PALEONTOLOGY LAB TECHNIQUES/3
(90 LAB HOURS)
Provides laboratory experience in paleontology, covering: training in fossil preparation, identification of specimens, documentation (photographic and scientific illustration), cataloging, molding and casting, and specimen curation.
Location(s): Craig

GERMAN

GER 1011 GERMAN LANGUAGE I/5
(75 LECTURE HOURS)
Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.
Location(s): Online

GER 1012 GERMAN LANGUAGE II /5
(75 LECTURE HOURS)
Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies.
Location: Online

HEALTH AND WELLNESS

HWE 1050 HUMAN NUTRITION/3
(45 LECTURE HOURS)
Introduces basic principles of nutrition with emphasis on personal nutrition. This course focuses on macro and micro nutrients and their effects on the functions of the human body. Special emphasis is placed on the application of wellness, disease, and lifespan as it pertains to nutrition.
Location(s): Craig; Rangely; Online

HWE 1062 HEALTH AND WELLNESS/3
(45LECTURE HOURS)
Explores the six components of wellness: physical, social, intellectual, spiritual, emotional, and occupational. Topics include health risks, wellness behaviors, and personal behavior change in the areas of nutrition; exercise; substance abuse; stress management; cardiovascular and cancer risk factors; the aging process; and violence, death, and dying in our society. Provides tools to complete self-assessments and develop wellness program for a healthier lifestyle across a lifespan.
Location(s): Rangely

HEALTH PROFESSIONAL

HPR 1008 LAW & ETHICS FOR HEALTH PROFESSIONS /2
(30 LECTURE HOURS)
Introduces student to the study and application medico-legal concepts in medical careers. This course seeks to establish a foundation for ethical behavior and decision making in health professions.
Location: Online

HPR 1010 DIETARY NUTRITION /1
(15 LECTURE HOURS)
Studies the basic nutritional principles in clinical practice in health care. The course will cover factors which influence the nutritional status of individuals, methods of nutritional assessment and support, and diet modification for specific disease states.
Location: Online

HPR 1012 CPR FOR PROFESSIONALS RENEWAL/0.25
(4.0 LECTURE HOURS)
Prerequisite: Must have current CPR for Professionals Card or Equivalent. Provides opportunity for currently certified CPR providers to renew certification.
Location: Online

HPR 1032 DISEASE PROCESS & TREATMENT /5
(75 LECTURE HOURS)
Covers disease processes and drug therapy used to treat commonly found pathological conditions. Normal anatomy and physiology of each body system is reviewed. Conditions that disrupt homeostasis are examined. Conditions considered are both acquired and congenital. Diagnostic methods, management, treatment modalities and prognosis are discussed. Classifications of drugs are introduced. A general understanding of the actions; absorption, metabolism and excretion; and reasons for use of various groups of pharmacologic agents are introduced.
Location: Online

HPR 1038 INTRODUCTION TO MEDICAL TERMINOLOGY /1
(15 LECTURE HOURS)
Introduces the structure of medical terms with emphasis on using and combining the most common prefixes, roots, and suffixes. This course includes terms related to major body systems and provides accepted pronunciation of terms.
Location: Online

HPR 1039 MEDICAL TERMINOLOGY/2
(30 LECTURE HOURS)
Discusses the structure of medical terms with emphasis on using and combing prefixes, roots and suffixes. This class includes terms related to major body systems, oncology, psychiatry, as well as clinical laboratory and diagnostic procedures and imaging, and provides accepted pronunciation and spelling terms used in the healthcare setting.
Location(s): Craig; Rangely; Online

HPR 1040 COMPREHENSIVE MEDICAL TERMINOLOGY /3
(45 LECTURE HOURS)
Provides an in-depth study of the structure of medical terms with emphasis on using and combining common prefixes, roots and suffixes. This course includes terms related to major body systems, oncology, and psychiatry as well as clinical laboratory and diagnostic procedures, and imaging, and provides accepted pronunciation of terms and relative use in the healthcare setting.
Location: Online

HPR 1045 ADVANCED MEDICAL TERMINOLOGY /2
(30 LECTURE HOURS)
Demonstrates knowledge of medical terminology with emphasis on combining complex prefixes, roots and suffixes. Course includes pathophysiology for major body systems. Course includes terms related to diagnostic tools per body systems, as well as commonly used medical abbreviations. Course applies medical terminology knowledge in interpreting the medical record.
Location: Online

HPR 1058 DEATH & BEREAVEMENT IN SOCIETY /3
(45 LECTURE HOURS)
Examines death from the perspectives of the dying individual, the bereaved and the caregivers. The course will focus on sociological, cultural, spiritual, development and psychological aspects of dying and bereavement. It will also include study of various groups and their relationships to death and disposition, funerals and other rites.
Location: Online

HPR 1080 INTERNSHIP
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.
Location(s): Rangely

HPR 2017 KINESIOLOGY/4
(45 LECTURE HOURS; 30 LAB HOURS)
Prerequisite: BIO 2101 or instructor permission.
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.
Location(s): Craig

HPR 3001 COMMUNICATION IN HEALTH CARE/3
(45 LECTURE HOURS)
Prerequisite: Program Acceptance
Develops professional written and oral communication plans to ensure effective patient-centered outcomes between health care professionals, patients and caregivers.
Location(s): Online

HPR 4003 REVIEW OF HEALTH CARE RESEARCH/4
(60 LECTURE HOURS)
Prerequisite: Program Acceptance
Covers the identification, evaluation, and analysis of scientific published literature necessary to identify healthcare best practices, the formulation of research for clinical questions for effective participation in healthcare discussions and evidence-based decision-making.
Location(s): Online

HISTORY

HIS 1110 THE WORLD: ANTIQUITY-1500/3
(45 LECTURE HOURS)
Explores trends within events, peoples, groups, ideas, and institutions in World History from antiquity to 1500. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This course focuses on common cultural trends. (HI1)
Location(s): Rangely; Online; Concurrent

HIS 1120 THE WORLD: 1500-PRESENT/3
(45 LECTURE HOURS)
Explores trends within events, peoples, groups, ideas, and institutions in World History since 1500 as well as on common cultural trends. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through the perspectives such

as gender, class, religion, and ethnicity. (HI1)
Location(s): Rangely; Online; Concurrent

HIS 1210 US HISTORY TO RECONSTRUCTION/3
(45 LECTURE HOURS)
Explores trends within events, peoples--including Native American--groups, ideas, and institutions in North America and the United States to Reconstruction. This class focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such gender, class, religion, and ethnicity. (HI1)
Location(s): Craig; Rangely; Online; Concurrent

HIS 1220 US HISTORY SINCE THE CIVIL WAR/3
(45 LECTURE HOURS)
Explores trends within events, peoples, groups, ideas, and institutions since the American Civil War. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Craig; Rangely; Online; Concurrent

HIS 1310 WESTERN CIVILIZATION: ANTIQUITY-1650/3
(45 LECTURE HOURS)
Explores trends within events, peoples, groups, ideas, and institutions in Western Civilization from antiquity to 1650. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Craig; Online

HIS 1320 WESTERN CIVILIZATION: 1650-PRESENT/3
(45 LECTURE HOURS)
Explores trends within events, peoples, groups, ideas, and institutions in Western civilization since 1650. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Craig; Online

HIS 2000 HISTORY OF SCIENCE & TECHNOLOGY/3
(45 LECTURE HOURS)
Explores the complex relationship between scientific and technological developments and western society and culture. It emphasizes the way social and cultural norms can impact scientific or technological progress, and vice-versa, especially in the period since the Scientific Revolution. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Online

HIS 2005 WOMEN IN WORLD HISTORY
(45 LECTURE HOURS)
Examines the roles, experiences, and contributions of women in world history and explores ways in which women's history modifies the traditional interpretations of historical events. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.
Location: Online

HIS 2015 20TH CENTURY WORLD HISTORY/3
(45 LECTURE HOURS)
Investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions, empires, and nation-states since the late nineteenth century. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Online

HIS 2105 WOMEN IN U.S. HISTORY/3
(45 LECTURE HOURS)
Examines women's changing roles in American history. It explores the nature of women's work and the participation of women in family, political, religious, and cultural activities and in social reform movements. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Online

HIS 2115 AMERICAN INDIAN HISTORY /3
(45 LECTURE HOURS)

Analyzes historical and socio-cultural change for Native Americans from pre-colonial America to the present, emphasizing those processes and relations with non-Native Americans which have contributed to current conditions. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.
Location: Online

HIS 2125 AMERICAN ENVIRONMENT HISTORY/3
(45 LECTURE HOURS)
Discovers and analyzes the relationships between Americans and their natural environments throughout history of the United States. This course examines the development of the conservation movements and environmental policies in modern America. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through the perspective of gender, class, religion, and ethnicity. (HI1)
Location(s): Rangely; Online;

HIS 2130 HISTORY OF THE AMERICAN WEST/3
(45 LECTURE HOURS)
Traces the history of the American West from Native American cultures to the present. It explores the frontier experiences of America's earliest, eastern settlers through the Trans-Mississippi West across the great exploratory and wagon trails including cities, ranching, reservation, resource management, and industry. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Online

HIS 2135 COLORADO HISTORY/3
(45 LECTURE HOURS)
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, mountain men, the gold rush, railroad builders, the cattlemen and farmers, the silver boom, the tourists, and the modern state. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Online

HIS 2145 US HISTORY SINCE 1945/3
(45 LECTURE HOURS)
Examines the major political, economic, social, and cultural developments that have shaped modern America from 1945 to the present. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Concurrent; Online

HIS 2160 THE SIXTIES IN AMERICA /3
(45 LECTURE HOURS)
Explores the political, social, and cultural history of 1960s America.
Location: Online

HIS 2200 HISTORY OF LATIN AMERICA/3
(45 LECTURE HOURS)
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. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. (HI1)
Location(s): Rangely; Online

HIS 2210 HISTORY OF MEXICO /3
(45 LECTURE HOURS)
Focuses on the major political, economic, social, and cultural developments of Mexico from Pre-Columbian times to the present. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.
Location: Online

HIS 2300 THE MIDDLE AGES/3
(45 LECTURE HOURS)
Examines political, social, cultural, economic and intellectual developments in Europe, Byzantium and the Islamic world from the collapse of Rome through the Renaissance, approximately A.D. 400-1400. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as

gender, class, religion, and ethnicity. (HI1)
Location(s): Craig; Online

HIS 2765 WRITING ABOUT HISTORY/3
(45 LECTURE HOURS)
Develops skills in historical writing, the use of rhetorical devices in persuasive historical arguments, critical analysis, and research methods in the historical study. Engaging in diverse historical readings, writings, and conversations, students devise strategies to identify workable topics, locate sources in libraries, archives and published materials, and adapt their writing style to communicate with a variety of audiences. (CO3)
Location: Online

HORSE TRAINING MANAGEMENT

HTM 1051 FUNDAMENTALS OF COLT STARTING/4
(90 CONTACT HOURS)
Provides students with a foundation in starting an inexperienced horse under saddle. Students will progress to riding the horse out of the round pen/arena while isolating cues to move the shoulders, rib cage (lateral movement) and hips at the walk, jog and lope.
Location(s): Rangely

HTM 1052 BASIC CARE AND TRAINING/7
(1**57.5 LAB HOURS)**
Provides each student with one horse to start and train in the following: show in halter; grooming properly; biting and driving; standing still while being saddled, bridled and mounted; working on the rail; taking proper leads; backing and loping circles, stopping, two-tracking; and opening gates. The students will also receive instruction in basic hoof care and proper stable management. This course will end with the student participating in the HTM Semester Horse Show.
Location(s): Rangely

HTM 1055 FOAL TRAINING/1
(22.5 LAB HOURS)
Provides each student with one or more weanlings to train in the following objectives; show at halter; load in trailer; and pick up all four feet. This course will last two weeks.
Location(s): Rangely

HTM 2053 SPECIALIZED TRAINING/7
(157.5 LAB HOURS)
Provides each student with one or more horses to train. The first part of the semester will deal with establishing the foundation on the horses. The remainder of the semester will be utilized in building the specialized skills. This section will end with the student participating in the HTM Semester Horse Show.
Location(s): Rangely

HTM 2060 INTRODUCTION TO INTERNSHIP/1
(15 LECTURE HOURS)
Acquaints students with employer/employee relations, public relations, and expectations of internship prior to leaving campus.
Location(s): Rangely

HTM 2080 INTERNSHIP/0-12
(0-540 CONTACT HOURS)
Provides each student with placement in the horse industry under a prominent person who specializes in the student's main are of interest for the spring semester. At the end of the semester, the student will return to campus for a seminar and analysis of the internship. Students must maintain a 2.5 GPA in HTM courses and 2.0 GPA in related courses to be placed on internship.
Location(s): Rangely

HORTICULTURE

HTL 1000 INTRODUCTION TO PLANT SCIENCE/4
(45 LECTURE HOURS; 30 LAB HOURS)
Introduces students to the principles of the plant science as they relate to horticulture. The course emphasizes the application of plant sciences to the propagation, improvement, culture and utilization of horticultural plants.
Location(s): Concurrent

HOSPITALITY

HOS 1010 INTRODUCTION TO HOSPITALITY /3
(45 LECTURE HOURS)
Introduces learners to careers and the organization and structure of the Hospitality Industry including: hotels, restaurants, non-commercial 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.
Location: Online

HUMAN PERFORMANCE AND EXERCISE

HPE 1001 INTRODUCTION TO COACHING /2
(30 LECTURE HOURS)

Acquaints the learner with the knowledge, requirements and responsibilities of coaching, including sport philosophy, sport medicine, and sport management. Fulfills requirements for ACEP Leader Level I.
Location: Online

HPE 1002 INTRODUCTION TO SPORTS MEDICINE/2
(15 LECTURE; 30 FIELD HOURS)
Introduces students to the field of sports medicine. This includes career opportunities, education and certification requirements for a variety of sports medicine related careers. The course requires 30 observation hours under the supervision of a credentialed sports medicine professional to give students hands on learning opportunities and provide a better understanding of what is required of sports medicine professionals.
Location(s): Rangely

HPE 1088 ATHLETIC TRAINING PRACTICUM/2
(15 LECTURE; 30 FIELD HOURS)
Offers opportunities to observe and perform professional skills under the supervision of a certified athletic trainer in a collegiate setting. Practical experience may include athletic training room duties, work with low and high risk sports, male and female athletes, and observation of orthopedic surgeries. Emphasis will be placed on emergency care, general first aid, pre-participation exams, taping and bracing. Attendance at scheduled seminars/assigned hours are required.
Location(s): Rangely

HUMANITIES

HUM 1003 INTRODUCTION TO FILM ART/3
(45 LECTURE HOUR)
Introduces film terminology and narrative techniques to explore how film conveys meaning and to study the relationships among film form, content, and audience reception. This course emphasizes active viewing, discussion, and critical analysis of films from different cultures and eras. (AH2)
Location(s): Rangely

HUM 1015 WORLD MYTHOLOGY/3
(45 LECTURE HOURS)
Introduces an interdisciplinary approach to world mythology. The course illustrates and connects common themes in mythology to world religion, philosophy, art, literature, music, and contemporary culture using various interpretive methods. (AH2)
Location(s): Craig; Rangely; Online

HUM 1021 HUMANITIES: EARLY CIVILIZATIONS/3
(45 LECTURE HOURS)
Introduces the interdisciplinary study of ideas that have defined cultures through a survey of the visual, performing, and literary arts, emphasizing connections among diverse cultures, including European and non-European, from the prehistoric to the early medieval era. (AH2)
Location(s): Craig; Rangely; Online

HUM 1022 OF HUMANITIES: MEDIEVAL - MODERN/3
(45 LECTURE HOURS)
Introduces the interdisciplinary study of ideas that have defined cultures through a survey of the visual, performing, and literary arts, emphasizing connections among global cultures from the medieval to the early modern era. (AH2)
Location(s): Craig; Rangely; Online

HUM 1023 HUMANITIES: THE MODERN WORLD/3
(45 LECTURE HOURS)
Introduces the interdisciplinary study of ideas that have defined cultures through a survey of the visual, performing, and literary arts, emphasizing connections among global cultures from the European Enlightenment to the postmodern era. (AH2)
Location(s): Craig; Rangely; Online

JOURNALISM

JOU 1005 INTRODUCTION TO MASS MEDIA/3
Places the mass media in an historical and Cultural perspective, considering the validity, Integrity and influence of the media in a democracy. (SS3)
Location(s): Online

JOU 1006 MEDIA NEWS REPORTING /3
(45 LECTURE HOURS)
Introduces newswriting, reporting and interviewing with an emphasis on clarity, accuracy, timeliness and fairness.
Location: Online

JOU 2025 NEW MEDIA/3
(45 LECTURE HOURS)
Explores techniques and approaches in the latest delivery methods for internet-based journalism. Students explore digital media outlets such as blogs, audio and video podcasts, e-zines and social networks. Students create

journalistic pieces for internet-based media, focusing on best journalistic practices, ethics of internet media, and technology emergence effecting digital journalism. Concepts in video production, photography, writing, sourcing, editing and relevant skills necessary for the citizen journalist are introduced. Students create components for online news dissemination.
Location(s): Online

JOU 2031 INTRODUCTION TO PUBLIC RELATIONS/4
(60 LECTURE HOURS)
Focuses on public relations and its role for the individual, the non-profit organization, business and government; research methodology, principles and practices necessary to become a public relations practitioner; and media channels best suited to a persuasive appeal or crisis.
Location(s): Online

JOU 2041 FEATURE AND MAGAZINE WRITING/3
(45 LECTURE HOURS)
Focuses on trade, consumer, and technical publications, manuscript development with emphasis on nonfiction, submission techniques, and trends affecting the marketing of manuscripts both in print and digital media.
Location(s): Online

LITERATURE

LIT 1015 INTRODUCTION TO LITERATURE/3
(45 LECTURE HOURS)
Introduces students to fiction, poetry, and drama. Emphasizes active and responsive reading. (AH2)
Location(s): Rangely; Online; Concurrent

LIT 2001 WORLD LITERATURE TO 1600/3
(45 LECTURE HOURS)
Examines significant writings in world literature from the ancients to the seventeenth century. It emphasizes active reading and understanding of the works and their cultural backgrounds. (AH2)
Location(s): Online

LIT 2002 WORLD LITERATURE AFTER 1600/3
(45 LECTURE HOURS)
Examines significant writings in world literature from the seventeenth century to the present. It emphasizes active reading and understanding of the works and their cultural backgrounds. (AH2)
Location(s): Online; Concurrent

LIT 2005 ETHNIC LITERATURE/3
(45 LECTURE HOURS)
Examines the cultural, historical, and social contexts impacting multiple ethnic American identities through critical reading and analysis. This course focuses on significant works by authors who identify as African American, Native American, Latino/a, Asian American, and other ethnicities. (AH2)
Location(s): Online

LIT 2011 AMERICAN LITERATURE TO CIVIL WAR/3
(45 LECTURE HOURS)
Examines American literary works from pre-European arrival on the continent up to the Civil War, including works from diverse people that contributed to American literature. This course also explores historical and social contexts within various genres. (AH2)
Location(s): Online

LIT 2012 AMERICAN LITERATURE AFTER THE CIVIL WAR/3
(45 LECTURE HOURS)
Examines American literary works from 1865 to the present, distinguishing among literary themes, genres, and schools of thought that illustrate historical and social contexts across a multicultural spectrum. (AH2)
Location(s): Online; Concurrent

LIT 2021 BRITISH LITERATURE TO 1770/3
(45 LECTURE HOURS)
Examines major works of British literature from the 18th century to the present. Explores the historical, political, and social contexts of the works and the major themes authors used to reflect and critique the social assumptions of their times. Besides fostering an understanding of works essential to western culture, the course examines how these works are still influential and relevant to contemporary thought and culture. (AH2)
Location(s): Online

LIT 2002 BRITISH LIT SINCE 1770 /3
(45 LECTURE HOURS)
Examines major works of British literature from the 18th century to the present. Explores the historical, political, and social contexts of the works and the major themes authors used to reflect and critique the social assumptions of their times. Besides fostering an understanding of works essential to western culture, the course examines how these works are still influential and relevant to contemporary thought and culture. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
Location: Online

LIT 2025 INTRODUCTION TO SHAKESPEARE/3
(45 LECTURE HOURS)
Explores works by William Shakespeare, focusing on a careful reading of these works as well as an exploration of pertinent contextual and historical information. (AH2)
Location(s): Online

LIT 2046 LITERATURE OF WOMEN/3
(45 LECTURE HOURS)
Examines the techniques and themes in literature of various genres by and about women by considering what it means for women to be in literature, as characters and also as authors. (AH2)
Location(s): Rangely

LIT 2055 CHILDREN'S LITERATURE/3
(45 LECTURE HOURS)
Evaluates the criteria for selecting appropriate literature for children through exploration of genres, age levels, and values taught through literature, and the literary and artistic quality of various texts.
Location(s): Online

LIT 2068 CELTIC LITERATURE /3
(45 LECTURE HOURS)
Exposes the student to Celtic literature. The course examines significant writings in Celtic literature from the ancients through to the twenty-first century. The course emphasizes the careful reading and understanding of the works of poetry, fiction, and drama as well as their cultural backgrounds. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
Location: Online

MANAGEMENT

MAN 1002 BUSINESS ETHICS AND VALUES/1
(15 LECTURE HOURS)
Discusses behavior and identifies what is ethical and appropriate behavior and what is not. This course will identify the role of integrity, character, honesty, self–control, self-sacrifice, and core values in developing ethical and effective behavior in the workplace.
Location(s): Craig, Concurrent

MAN 1016 PRINCIPLES OF SUPERVISION/3
(45 LECTURE HOURS)
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.
Location(s): Craig

MAN 1017 TIME MANAGEMENT/1
(15 LECTURE HOURS)
Provides students with the conceptual knowledge and tools to make better use of their time in the management function.
Location(s): Craig, Concurrent

MAN 1028 HUMAN RELATIONS IN ORGANIZATIONS/3
(45 LECTURE HOURS)
Introduces interpersonal relations most directly linked to attainment of organizational and individual goals in the business world. Other factors include motivation, career development, and conflict resolution. It explores the importance of effective communication in organizations. Addresses organizational issues such as employee motivation and customer complaints as related to product or service defects.
Location(s): Online

MAN 1060 ENTREPRENEURSHIP/3
(45 LECTURE HOURS)
Teaches entrepreneurs planning skills, from the development of a conceptual business to the actual comprehensive plan for their business. This practical approach emphasizes the need for entrepreneurs to validate their ideas and assumptions and to establish mentoring relationships with experts in their chosen business field.
Location(s): Online

MAN 2000 HUMAN RESOURCE MANAGEMENT I/3
(45 LECTURE HOURS)
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.
Location(s): Online

MAN 2012 NEGOTIATION AND CONFLICT RESOLUTION/3
(45 LECTURE HOURS)
Presents proper techniques in negotiation and conflict resolution. Key practices that determine successful negotiation are explored. This course covers principles of conflict resolution including business policies, accepted business practices contracts, labor union contracts, pay raises and starting salaries.
Location(s): Craig, Concurrent

MAN 2016 SMALL BUSINESS MANAGEMENT/3
(45 LECTURE HOURS)

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.
Location(s): Craig; Online

MAN 2025 MANAGERIAL FINANCE /3
(45 LECTURE HOURS)
Examines the concepts and techniques used to analyze financial accounting information for managerial planning, decision-making, and control. Additionally, the course discusses decision-making relating to the areas of budgets, forecasts, cost volume production, Return on Investment (ROI) and financial statements.
Location: Online

MAN 2026 PRINCIPLES OF MANAGEMENT/3
(45 LECTURE HOURS)
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.
Location(s): Online

MAN 2030 CORPORATE ETHICS & SOCIAL RESPONSIBILITY /3
(45 LECTURE HOURS)
Examines the concept of ethical corporate responsibility and how an organization's resources, including individual employees and work groups of the corporation, identify and respond to social and ethical problems. Included in the course are topics of corporate ethics and social responsibility, how these concepts apply to business and management principles, and the individual corporate citizen's involvement with making ethical decisions.
Location: Online

MAN 2040 STRATEGIC MANAGEMENT /3
(45 LECTURE HOURS)
Presents the development of business and the integration of skills learned in prior business study, including strategy formulation, implementation, and evaluation. Focus is on the coordination of marketing, production, finance, accounting, and ethics and social responsibility to achieve competitive advantage.
Location: Online

MAN 2041 PROJECT MANAGEMENT IN ORGANIZATIONS/3
(45 LECTURE HOURS)
Investigates the concepts and applicability of project management within organizations. It examines the unique nature of the project management structure including its emphasis on integrated decision making throughout a lifecycle of a product from the planning, implementing, monitoring, and controlling phases. Emphasis is on the processes of initiating, planning, executing, controlling, and closing activities of project management.
Location(s): Online

MAN 2043 PROJECT MANAGEMENT IN ACTION/3
(45 LECTURE HOURS)
Introduces major activities and tools in Project Management related to resources, risk and quality. There is a heavy focus to provide how to manage the human element of project management. Specific Project Management tools and methodologies are introduced and used.
Location(s): Online

MAN 2046 CRITICAL ISSUES IN MARKETING & MANAGEMENT /3
(45 LECTURE HOURS)
Examine current issues, practices, challenges and trends in the marketing and management environments including truth in advertising, promotional codes of conduct and a diverse workforce.
Location: Online

MARKETING

MAR 1006 MARKETING YOUR IMAGE /3
(45 LECTURE HOURS)
Provides an understanding of marketing to prospective employers, clients, professional groups, and audiences of all types. The course emphasizes skills used to gain employment and skills used to achieve continued personal success.
Location: Online

MAR 1011 PRINCIPLES OF SALES/3
(45 LECTURE HOURS)
Prerequisite: BUS 1015
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 techniques.
Location(s): Online

MAR 1017 PRINCIPLES OF RETAILING /3
(45 LECTURE HOURS)
Presents the basic principles and techniques of retailing, multi-channel retailing, retail market strategy, planning merchandise assortments and

buying systems, merchandising, operations, layout, store organization, site location, and customer service through a variety of retail operations.
Location: Online

MAR 1055 SOCIAL MEDIA FOR BUSINESS /3 (45 LECTURE HOURS)
Focuses on the use of social media as a business strategy and how to match strategy with the goals of the business. This course compares social media marketing with traditional marketing and explores online best practices to further business goals.
Location: Online

MAR 1060 CUSTOMER SERVICE/3 (45 LECTURE HOURS)
Enables students to learn the relationship of self to customers, problem solve and understand the importance of communicating with customers. Specific emphasis is given to managing customer expectations by building customer rapport and creating positive outcomes.
Location(s): Online

MAR 2016 PRINCIPLES OF MARKETING/3 (45 LECTURE HOURS)
Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion and distribution, and their applications to businesses and the individual consumer.
Location(s): Online; Concurrent

MAR 2020 PRINCIPLES OF ADVERTISING /3 (45 LECTURE HOURS)
Examines the principles and practices of advertising and its relationship to business in the promotion of a business or organization. Areas of major emphasis include advertising principles, strategies, media, copy, and ethical considerations.
Location: Online

MAR 2035 CONSUMER BEHAVIOR /3 (45 LECTURE HOURS)
Explores the variables that affect consumer behavior in the marketplace and the implications of this knowledge for marketing decisions and strategies.
Location: Online

MATH

MAT 0100 QUANTIATIVE LITERACY LAB/1 (15 LECTURE HOURS)
Prerequisite:
Accuplacer AR 24-39 or EA 0-29 or Next Gen Accuplacer AR 240-254
Co-requisite: MAT 0250
Supports skill development for students registered in MAT 0250 Quantitative Literacy. Topics covered in this course include those defined in MAT 0250 and/or any pre-requisite skills needed by the student. For students with Accuplacer score AR 24-39 or EA < 30 this course is a required co-requisite with MAT 0250 Quantitative Literacy.

MAT 0120 Math for Clinical Calc Support /1 (15 lecture hours)
Prerequisite:
Accuplacer AR 24-39 or EA 0-29 or
Next gen accuplacer AR 240-254
Co-requisite: MAT 1120
Supports skill development for students registered in MAT 1120 Math for Clinical Calculations. Topics covered in this course include those defined in MAT 1120 and/or any pre-requisite skills needed by the student.

MAT 0140 Career Math Support /1 (15 lecture hours)
Prerequisite:
Accuplacer AR 24-39 or EA 0-29 or
Next gen accuplacer AR 240-254
Co-requisite: MAT 1140
Supports skill development for students registered in MAT 1140 Career Math. Topics covered in this course include those defined in MAT 1140 or any pre-requisite skills needed by the student.

MAT 0150 Technical Mathematics Support/1 (15 lecture hours)
Prerequisite:
Accuplacer AR 24-39 or EA 0-29 or
Next gen accuplacer AR 240-254
Co-requisite: MAT 1150
Supports skill development for students registered in MAT 1150 Technical Math. Topics covered in this course include those defined in MAT 1150 and/or any pre-requisite skills needed by the student.

MAT 0200 ALGEBRAIC LITERACY LAB/1 (15 LECTURE HOURS)
Prerequisite:
Accuplacer EA 45-84 or
Next Gen Accuplacer QAS 250-264
Co-requisite: MAT 0300
Supports skill development for students registered in MAT 0300Algebraic Literacy. Topics covered in this course include those defined in MAT 00300 and/or any prerequisite

skills needed by the student. For students with Accuplacer score EA 45-59, this course is a required co-requisite with MAT 0300 Algebraic Literacy.
Location(s): Online

MAT 0220 Integrated Math I Support /1
(15 lecture hours)
Prerequisite:
Accuplacer AR 24-39 or EA 0-29 or
Next gen accuplacer AR 240-254
Co-requisite: MAT 1220
Supports skill development for students registered in MAT 1220 Integrated Math I. Topics covered in this course include those defined in MAT 1220 or any pre-requisite skills needed by the student.

MAT 0240 Math for Liberal Arts Support /1
(15 lecture hours)
Prerequisite:
Accuplacer AR 24-39 or EA 0-29 or
Next gen accuplacer AR 240-254
Co-requisite: MAT 1240
Supports skill development for students registered in MAT 1240 Math for Liberal Arts. Topics covered in this course include those defined in MAT 1240 or any pre-requisite skills needed by the student.

MAT 0250 QUANTITATIVE LITERACY/4
(60 LECTURE HOURS)
Prerequisite:
Accuplacer: AR 41 or EA 30-84 or
Next Gen Accuplacer AR 255-264
Develops number sense and critical thinking strategies, introduce algebraic thinking, and connect mathematics to real world applications. Topics in the course include ratios, proportions, percent, measurement, linear relationships, and properties of exponents, polynomials, factoring, and math learning strategies. This course prepares students for Math for Liberal Arts, Statistics, Integrated Math, and college level career math courses.
Location(s): Craig; Rangely; Online; Concurrent

MAT 0260 Intro to Statistics Support /1
(15 lecture hours)
Prerequisite:
Accuplacer AR 24-39 or EA 0-29 or
Next gen accuplacer AR 240-254
Co-requisite: MAT 1260
Supports skill development for students registered in MAT 1260 Introduction to Statistics. Topics covered in this course include those defined in MAT 1260 or any pre-requisite skills needed by the student.

MAT 0300 ALGEBRAIC LITERACY/4
(60 LECTURE HOURS)
Prerequisite:
Accuplacer: EA 60-84 or
Next Gen Accuplacer QAS 265-300
Develops algebraic skills necessary for manipulating expressions and solving equations. Topics in the course include radicals, complex numbers, polynomials, factoring, rational expressions, quadratic equations, absolute value equations and inequalities, systems of linear equations, related applications, and math learning strategies. This course prepares students for College Algebra and Finite Math.
Location(s): Craig; Rangely; Online; Concurrent

MAT 0340 College Algebra Support /1
(15 lecture hours)
Prerequisite:
Accuplacer AR 24-39 or EA 0-29 or
Next gen Accuplacer AR 240-254
Co-requisite: MAT 1340
Supports skill development for students registered in MAT 1340 College Algebra. Topics covered in this course include those defined in MAT 1340 or any pre-requisite skills needed by the student.

MAT 1120 MATH FOR CLINICAL CALCULATIONS/3
(45 LECTURE HOURS)
Prerequisite: MAT 0250 or
ACT Math: 19 or
SAT Math: 500 or
Accuplacer: EA 61-120 or
AR 41 with MAT 0010 or
EA 30-59 with MAT 0010 or
Next Gen Accuplacer AR 265-300
Provides a review of general mathematics, introductory algebra and an opportunity to learn systems of measurement and methods of solving problems related to drug dosage and intravenous fluid administration. It is designed for students in the health disciplines. Topics may include algebra, graphs, measurement and conversion between various systems of measurement.
Location(s): Craig; Online

MAT 1140 CAREER MATH/3
(45 LECTURE HOURS)
Prerequisite: MAT 0250 or
ACT Math: 19 or
SAT Math: 500 or
Accuplacer: EA 61-120 or
AR 41 with MAT 0010 or
EA 30-59 with MAT 0010 or
Next Gen Accuplacer AR 265-300

Covers material designed for career technical or general studies students who need to study particular mathematical topics. Topics may include measurement, algebra, geometry, trigonometry, graphs, and/or finance. These are presented on an introductory level and the emphasis is on applications.
Location(s): Rangely; Online; Concurrent

MAT 1150 TECHNICAL MATHEMATICS/4
(60 LECTURE HOURS)
Prerequisite: MAT 0250 or
ACT Math: 19 or
SAT Math: 500 or
Accuplacer: EA 61-120 or
AR 41 with MAT 0010 or
EA 30-59 with MAT 0010 or
Next Gen Accuplacer AR 265-300
Covers material designed for career technical or general studies students who need to study particular mathematical topics. Topics may include measurement, algebra, geometry, trigonometry, graphs, and/or finance. These are presented on an introductory level and the emphasis is on applications.
Location(s): Online

MAT 1160 FINANCIAL MATHEMATICS/3
(45 LECTURE HOURS)
Covers the fundamentals of financial mathematics. Topics include pricing, taxes, insurance, interest, annuities, amortization, and investments.
Location(s): Online

MAT 1220 INTEGRATED MATH I/3
(45 LECTURE HOURS)
Prerequisite: MAT 0250 or
ACT Math: 19 or
SAT Math: 500 or
Accuplacer: EA 61-120 or EA 45-60 with MAT 0221 or
Next Gen Accuplacer QAS 240-300
Engages students in the concepts underlying elementary level mathematics. The course emphasizes critical thinking and applications. Topics include the structure of number systems, an analysis of numerical operations, set properties, numerical and geometric patterns, and a variety of problem solving skills.
Location(s): Online

MAT 1230 INTEGRATED MATH II/3
(45 LECTURE HOURS)
Prerequisite: MAT 1220
Engages students in the concepts underlying elementary level mathematics. The course emphasizes critical thinking and applications. Topics include probability, statistics, measurement, Euclidean geometry, and algebraic methods.
Location(s): Online

MAT 1240 MATHEMATICS FOR LIBERAL ARTS/4
(60 LECTURE HOURS)
Prerequisite: MAT 0250 or
ACT Math: 19 or
SAT Math: 500 or
Accuplacer: EA 61-120 or EA 45-60 with MAT 0020 or
Next Gen Accuplacer QAS 240-300
Highlights connections between mathematics and the society in which we live and is intended for liberal arts majors. Topics include set theory and logic, mathematical modeling, probability and statistical methods, and consumer mathematics. (MA1)
Location(s): Craig; Rangely; Online; Concurrent

MAT 1260 INTRODUCTION TO STATISTICS/3
(45 LECTURE HOURS)
Prerequisite: MAT 0250 or
ACT Math: 19 or
SAT Math: 500 or
Accuplacer: EA 61-120 or EA 45-60 with MAT 0221 or
Next Gen Accuplacer QAS 240-300
Introduces descriptive and inferential statistics, with an emphasis on critical thinking and statistical literacy. Topics include methods of data collection, presentation and summarization, introduction to probability concepts and distributions, and statistical inference of one and two populations. This course uses real world data to illustrate applications of a practical nature. (MA1)
Location(s): Craig; Rangely; Online; Concurrent

MAT 1320 FINITE MATHEMATICS/4
(60 LECTURE HOURS)
Prerequisite: MAT 0300 or
ACT Math: 23 or
SAT Math: 500 or
Accuplacer: EA 85-120 or
EA 80-84 with MAT 0020
Covers topics including functions, matrix algebra, linear programming, and an introduction to probability and counting techniques. Emphasis is on applications. This course may include other topics such as statistics when time permits. This course is primarily intended for business, life science, or social science majors.

(MA1)
Location(s): Online

MAT 1340 COLLEGE ALGEBRA/4
(60 LECTURE HOURS)
Prerequisite: MAT 0300 or
ACT Math: 23 or
SAT Math: 500 or
Accuplacer: EA 85-120 or EA 80-84 with MAT ~~093~~ 0030 or
Next Gen Accuplacer AAF 245-279
Focuses on a variety of functions and the exploration of their graphs. Topics include: equations and inequalities, operations on functions, exponential and logarithmic functions, linear and non-linear systems, and an introduction to conic sections. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways. (MA1)
Location(s): Craig; Rangely; Online; Concurrent

MAT 1400 SURVEY OF CALCULUS/4
(60 LECTURE HOURS)
Prerequisite: MAT 1340 or
ACT Math: 25 or
SAT Math: 610
Accuplacer: CLM 63-102 or
Next Gen Accuplacer AAF 280-300
Includes derivatives, integrals, and their Applications, with attention restricted to Algebraic, exponential, and logarithmic functions For business, life science and/or social science Majors. (MA1)
Location(s): Online

MAT 1420 COLLEGE TRIGONOMETRY/3
(45 LECTURE HOURS)
Prerequisite: MAT 1340 or
ACT Math: 24 or
SAT Math: 610 or
Accuplacer: CLM 63-102 or
Next Gen Accuplacer AAF 280-300
Explores trigonometric functions, their graphs, inverse functions and identities. Topics include: trigonometric equations, solutions of triangles, trigonometric form of complex numbers, and polar coordinates. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways. (MA1)
Location(s): Craig; Rangely; Online; Concurrent

MAT 1440 PRE-CALCULUS/5
(75 LECTURE HOURS)
Prerequisite: MAT 0300 or
ACT Math: 25 or
SAT Math: 610
Accuplacer: CLM 63-102 or
Next Gen Accuplacer AAF 280-300
Extends algebraic concepts and explores the subject of trigonometry. Topics include: polynomial, rational, logarithmic, and exponential functions, trigonometric and inverse trigonometric functions and their graphs, trigonometric identities, and applications. This course provides essential skills for Science, Technology, Engineering, and Math (STEM) pathways. (MA1)
Location(s): Online; Concurrent

MAT 2410 CALCULUS I/5
(75 LECTURE HOURS)
Prerequisite: MAT 1340 and MAT 1420 or
ACT Math: 28 or
SAT Math 650 or
Accuplacer: CLM 103-120 120 or
Next Gen Accuplacer MAT 2410 30+
Introduces single variable calculus and analytic Geometry. It includes limits, continuity, Derivatives, and applications of derivatives as Well as indefinite and definite integrals and some
Applications. (MA1)
Location(s): Rangely; Online; Concurrent

MAT 2420 CALCULUS II/5
(75 LECTURE HOURS)
Prerequisite: MAT 2410
Continues the study of single variable calculus which will include techniques of integration, analytic geometry, improper integrals, convergence of infinite numerical series and power series. (MA1)
Location(s): Rangely; Online

MAT 2430 CALCULUS III/4
(60 LECTURE HOURS)
Prerequisite: MAT 2420
Focuses 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. *(MA1)*
Location(s): Online

MAT 2431 CALCULUS III/ENGINEERING APP/4
(60 LECTURE HOURS)
Prerequisite: MAT 2420
Focuses 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. *(MA1)*
Location(s): Online

MAT 2540 LINEAR ALGEBRA/3
(45 LECTURE HOURS)
Introduces linear algebra and emphasizes techniques of problem solving and introductory proofs. This course includes linear systems, matrices, determinants, vector spaces, linear transformations, eigenvalues, and eigenvectors.
Location(s): Online

MAT 2560 DIFFERENTIAL EQUATIONS: GT-MA1/3
(45 LECTURE HOURS)
Explores 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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.
Location(s): Online

MAT 2561 DIFFERENTIAL EQUATIONS/ENGINEER APP: GT-MA1/3
(45 LECTURE HOURS)
Explores 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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.
Location(s): Online

METEOROLOGY

MET 1050 GENERAL METEOROLOGY/4
(45 lecture hours; 30 lab hours)
Provides an introduction to general meteorology and atmospheric sciences. It includes the composition and structure of the atmosphere and characteristics that affect the atmosphere, such as temperature, pressure, and moisture. Additionally, the development of weather systems, such as storm systems, hurricanes, weather fronts and cloud development will also be examined. Finally, concepts of climatology will be stressed. *(SC1)*

MINE TRAINING

MIT 1001 INEXPERIENCED SURFACE MINER/1
(24 lecture hours)
Teaches students seeking first-time employment in the mining industry as a surface miner. This course follows 30 CFR 48.25 training of new miner requirements. Topics include instruction in such areas as miner rights, health and safety, first aid, transportation, fires and explosions and surface mining methods.
Location(s): Craig

MIT 1004 INEXPERIENCED UNDERGROUND MINER/2
(30 lecture hours)
Follows 30 CFR 48.50 training of new miner requirements. Topics include instruction in such areas as miner rights, health and safety, first aid, transportation, fires and explosions and underground mining methods. This course is for students seeking first-time employment in the mining industry as an underground miner.
Location(s): Craig

MIT 2001 SURFACE MINER ANNUAL REFESHER /.5
(8 lecture hours)
Complies with MSHA regulations (30 CFR 48.28) for surface miner annual refresher. Topics include mandatory health and safety standards, transportation controls and communication systems, escape and emergency evacuation plans; forewarning and firefighting, ground control; working in areas of high walls, water hazards, pits, and spoil banks; illumination and night work, first aid, electrical hazards, prevention of accidents, explosives, health, and dust and noise control. This course may be repeated for credit.
Location(s): Craig

MULTIMEDIA GRAPHIC DESIGN

MGD 1001 INTRO TO COMPUTER GRAPHICS/3 (45 LECTURE HOURS)
Introduces the student to the computer system and software used to develop graphics. The student will learn the hardware and software components for publication and multimedia production through execution in various vector, raster, page layout and multimedia programs. Students will be introduced to career opportunities within graphics fields.
Location(s): Online

MGD 1002 INTRODUCTION TO MULTIMEDIA/3
(45 LECTURE HOURS)
Introduces the basic components of multimedia: text, graphics, animation, sound, and video. Students gain an introductory knowledge of various multimedia and design software programs. Students gain hands-on, technical, conceptual and aesthetic experience pertaining to the creation of multi-dimensional design and time-based media via an array of projects and

demonstrations. Students will be introduced to career opportunities within multimedia fields.
Location(s): Online

MGD 1004 VIDEOGRAPHY/3 (45 LECTURE HOURS)
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.
Location(s): Online

MGD 1011 ADOBE PHOTOSHOP I /3 (22.5 lecture hours; 33 lab hours)
Concentrates on the high-end capabilities of Adobe Photoshop 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. Course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop.
Location(s): Online; Concurrent

MGD 1012 ADOBE ILLUSTRATOR I/3 (45 LECTURE HOURS)
Concentrates on the high-end capabilities of Adobe Illustrator as an illustration, design and vector drawing tool. Students learn how to use the tools to create digital artwork that can be used in web design, print media, and digital screen design. Course competencies and outline follow those set by the Adobe certified Associate exam in Visual Communication using Adobe Illustrator.
Location(s): Online

MGD 1013 ADOBE INDESIGN/3 (45 LECTURE HOURS)
Introduces students to inDesign, a page layout program which integrates seamlessly with other adobe design programs. InDesign delivers creative freedom and productivity to DTP. Class discussions and independent projects sup**plement hands-on classroom work**
Location(s): Online

MGD 1014 TYPOGRAPHY/3 (45 LECTURE HOURS)
Introduces the history and concepts of typography as applied to graphic communications. Explores appropriate use of typography in a variety of design applications, emphasizing the basic design principles of typographic compositions and typesetting. Covers type recognition and typographic terms.
Location(s): Online

MGD 1017 INTRO TO VISUAL COMMUNICATIONS/3 (45 LECTURE HOURS)
Surveys visual communications, its history and impact on society. A foundation course for graphic design and illustration majors and a survey for non-majors who are interested in the field. Assignments require minimal artistic talent.
Location(s): Online

MGD 1033 GRAPHIC DESIGN I/3 (45 LECTURE HOURS)
Prerequisite: MGD 1011, MGD 1012, MGD 1013, or MGD 1015
Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures.
Location(s): Online

MGD 1041 WEB DESIGN I/3 (45 LECTURE HOURS)
Introduces web site planning, design and creation utilizing HTML through industry-standard development tools [may list specific software]. Emphasis is placed on applying stylistic decisions using cascading style sheets. Web-based considerations regarding color, typography, aesthetics, user interface design, and process integration with visual-based design tools will be explored.
Location(s): Online

MGD 1043 MOTION GRAPHIC DESIGN I: (SOFTWARE)/3 (45 LECTURE HOURS)
Stresses creation of animation and dynamic interactive media for web and multimedia applications to a professional standard. Students will learn how develop projects for time-based media, key-frames, tweens and symbols. Students will learn how to use actions to trigger timeline events to create interactive behaviors.
Location(s): Online

MGD 1064 DIGITAL VIDEO EDITING I/3 (45 LECTURE HOURS)
Introduces to digital non-linear video editing. Students will capture, compress, edit, and manipulate video images using a personal computer. Assembly techniques including media management, editing tools, titles, and motion

control; transitions and filters, and special effects are explored.
Location(s): Online

GD 2011 ADOBE PHOTOSHOP I/3 (45 LECTURE HOURS)
Develops and reinforces image composition techniques learned in Adobe Photoshop I, MGD 111. Fundamentals are continuously reinforced as new design techniques are introduced.
Location(s): Online

MGD 2012 ADOBE PHOTOSHOP II/3 (45 LECTURE HOURS)
Expands the skillful practice and strategic use of Adobe Illustrator as a vector-based design tool in traditional and emerging workflows.
Location(s): Online

MGD 2027 MARCOMM PRACTICES/3 945LECTURE HOURS)
Explores techniques and approaches in the practice of marketing communications (marcomm), including: advertising; branding; direct marketing; packaging; promotion; publicity; sponsorship; public relations; sales; online marketing; social media marketing, and more. Focuses on understanding the relationships between the different components of marketing communications to achieve maximum message effect.
Location(s): Online

MGD 2033 GRAPHIC DESIGN II/3 945 LECTURE HOURS)
Continues instruction in idea development for advanced graphic design
Location(s): Online

MGD 2041 WEB DESIGN II/3 (45 LECTURE HOURS)
Expands on previously learned fundamentals of HTML introducing cascading style sheets, DHTML, Java Scripts 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**.**
Location(s): Online

MGD 2068 BUSINESS FOR CREATIVES/3 (45 LECTURE HOURS)
Presents a guide to freelance work and a study of business practices and procedures and models unique to creative occupations (graphic design, web design, animation, fine arts). Discussion includes determining charges, business forms, business planning, tax structure, licenses and registration, self-promotion (resume, website, portfolio, business identity package). Course may include visits by professionals in the field and discussion of career opportunities in a quickly changing career field.
Location(s): Online

MUSIC

MUS 1000 MUSIC THEORY FUNDAMENTALS I/3
(45 LECTURE HOURS)
Focuses on the foundational elements of music theory. The course will cover clef reading, pitch and rhythmic notation, intervals, scales, key signatures, triads and diatonic chords, and an introduction to ear training and sight singing. The course will help beginning music students, including those who have limited background reading music notation and understanding the fundamentals of music theory.
Location(s): Online

MUS 1008 PRINCIPLES OF ACOUSTICS/3 (45 LECTURE HOURS)
Provides simplified acoustic and psychoacoustic concepts to promote an intuitive understanding of sound, its relation to and interaction with physical environments, and the role of sensory perception in shaping the way humans hear.
Location(s): Online

MUS 1020 MUSIC APPRECIATION/3
(45 lecture hours)
Introduces the study of music focusing on intelligent listening skills, the elements of music and their relationships, the musical characteristics of representative works and composers, common musical forms and genres of various Western, and non-Western historical style periods. (AH1)
Location(s): Rangely; Online

MUS 1021 MUSIC HISTORY MEDIEVAL THRU CLASSICAL PERIOD/3
(45 lecture hours)
Provides an historical survey of Western art music from the Middle Ages into the Classical period, including styles, genres, composers, works, and significant cultural and historical influences upon the repertoire. (AH1)
Location(s): Online

MUS 1022 MUSIC HISTORY EARLY ROMANTIC PERIOD TO THE PRESENT/3
(45 lecture hours)
Provides an historical survey of Western art music connecting the classical period to the

Romantic period and following to the present. This course includes the study of styles, genres, composers, works, and significant cultural and historical influences upon the repertoire. (AH1)
Location(s): Online

MUS 1023 SURVEY OF WORLD MUSIC/3
(45 lecture hours)
Provides an overview of music from around the globe including folk, ethnic, non-Western and popular styles. Develops basic listening skills and builds a historical/cultural context for world music styles to enable an understanding and appreciation of global music. This is a statewide Guaranteed Transfer course in the GT-AH1 category. (AH1)
Location(s): Online

MUS 1025 HISTORY OF JAZZ: GT-AH1/3
(45 LECTURE HOURS)
Provides an overview of jazz history covering the basic materials of music and the forms, media, genres, and the historical and cultural framework of each style period. This course emphasizes the building of critical listening tools and the development of a jazz music vocabulary. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
Location(s): Online

MUS 1067 MUSIC BUSINESS/3
(45 LECTURE HOURS)
Provides a foundational overview of the current, historic, and projected business practices in the music entertainment industry. Course provides opportunities to gain an understanding of the music entertainment industry including copyright, labels, publishing, licensing, distribution, marketing, finance, legal considerations, and current and future opportunities.
Location(s): Online

NAIL TECHNICIAN

NAT 1010 INTRODUCTION TO MANICURES & PEDICURES/3
(15 lecture hours; 45 lab hours)
Provides a basic introduction in the proper use of implements used in manicures and pedicures. Theory and practical application of proper set-up, safety, sanitation, nail shapes, anatomy, product knowledge and terminology dealing with manicures and pedicures is covered. Training is done in a classroom or lab setting using models or other techniques.
Location(s): Craig

NAT 1011 INTERMEDIATE MANICURES & PEDICURES/2
(45 lab hours)
Presents theory and practical application dealing with different types of manicures, pedicures, nail art and massage techniques. Theory and practical application of procedures, products, nail shapes and maintenance of natural nails is covered. Students learn to recognize different nail disorders and their proper treatment. Training is done in a specialized class or in supervised salon (clinical) setting, using models or customer service. Proper sanitation and sterilization as it pertains to all aspect of manicures, pedicures and nail art is taught.
Location(s): Craig

NAT 2010 ADVANCED MANICURES & PEDICURES/2
(45 lab hours)
Presents theory and practical application dealing with different types of manicures, pedicures massage techniques and nail art. Theory and practical application of procedures, products, nail shapes and maintenance of the natural nails is covered. Students learn to recognize different nail disorders and their proper treatment. Training is done in a specialized class or in supervised salon (clinical) setting, using models or customer service.
Location(s): Craig

NAT 2011 APPLICATION OF ARTIFICIAL NAILS/5
(15 lecture hours; 90 lab hours)
Provides advanced theory and practical application of nail wraps, tip overlays, acrylics and product knowledge to ready the student for employment. Theory and practical application of removal techniques for artificial nails is covered. Instruction is provided in specialized classes or in supervised salon (clinical) setting using models or customer service. Student preparation for state board licensing examination pertaining to artificial nails is covered.
Location(s): Craig

NAT 2075 SPECIAL TOPICS/0.5-12
(contact hours range from 7.5 to 270)
Provides students with a vehicle to pursue in depth exploration of special topics of interest.
Location(s): Craig

NATURAL RESOURCES AND ENVIRONMENT

NRE 2022 Hydrology/4
(45 lecture hours; 30 lab hours)
Provides a comprehensive introduction to modern geological and chemical oceanography.

Includes earth history, plate tectonics, geophysics, geochemistry, marine sediments, the hydrosphere, physical properties of salt water, major and minor components of seawater, and ocean-atmosphere interactions. This course includes laboratory experience.
Location(s): Rangely

NRE 2051 General Oceanography with Lab/4 (45 lecture hours; 30 lab hours)
Provides a comprehensive introduction to modern geological and chemical oceanography. Includes earth history, plate tectonics, geophysics, geochemistry, marine sediments, the hydrosphere, physical properties of salt water, major and minor components of seawater, and ocean-atmosphere interactions. This course includes laboratory experience.
Location(s): Rangely

NURSING ASSISTANT

NUA 1001 NURSE AIDE HEALTH CARE SKILLS/4
(60 lecture hours)
Prerequisite: Accuplacer Scores: Reading 60 and Math 57 or Instructor Approval
Prepares the student to perform the fundamental skills of the nurse aide. Basic nursing skills, communication skills, restorative services, personal care skills, safety and emergency care issues are covered. Includes knowledge and/or principles or asepsis, OSHA and HIPAA regulations. Ethical behaviors, cultural sensitivity and principles of mental health will be addressed, as well as patient/resident rights.
Location(s): Craig; Concurrent

NUA 1070 NURSE AIDE CLINICAL EXPERIENCE/1 (30 clinical hours)
Prerequisite: Successful completion of NUA 1001. Applies knowledge gained from NUA 1001 to patient care.
Location(s): Craig; Rangely; Concurrent

NURSING

NUR 1001 PHARMACOLOGY CALCULATIONS/1
(15 LECTURE HOURS)
Prerequisite: Admission into the Nursing Program.
Prepares nurse to provide safe, patient-centered nursing care related to dosage calculations within the respective scope of practice. This course introduces critical thinking applied to dosage calculations and communication used when interacting with patients and members of the healthcare team related to various aspects of safe administration of medications. Information technology used to document medications administered and patient technology used to deliver medications are also practiced.
Location(s): Online

NUR 1006 MEDICAL AND SURGICAL NURSING CONCEPTS/7
(51 lecture hours; 13.5 lab hours; 150 clinical hours)
Prerequisite: Admission into the Nursing Program.
NUR 1006 is the first medical/surgical nursing course. Building on NUR 1009, this course provides for the acquisition of basic medical/surgical nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered care to a developmentally and culturally diverse adult patient population experiencing various medical/surgical interventions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings.
Location(s): Craig

NUR 1009 FUNDAMENTALS OF NURSING/6 (30 lecture hours; 90 lab hours. 90 clinical hrs.)
Prerequisite: Admission into the Nursing Program.
Introduces the fundamental concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the nurse. Introduces caring, critical thinking, the nursing process, quality improvement, and communication used when interacting with patients and members of the interdisciplinary team, and relates evidence-based nursing practice. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings providing care to stable patients with common health alterations.
Location(s): Craig

NUR 1012 BASIC CONCEPTS OF PHARMACOLOGY/2 (30 lecture hours)
Prerequisite: Successful completion of preceding required program course work or permission of program director.
Overview of the basic principles of pharmacology including major drug classifications and prototypes of commonly used medications. Principles of medication administration include aspects of best practice

for safe, quality, patient-centered care. Central point's include safety, quality improvement factors in the administration of medications, patient teaching, and variations encountered when administering medications to diverse patient populations across the lifespan.
Location(s): Craig

NUR 1021 Success in Nursing School/1
(15 lecture hours)
Prerequisite: Admission into the Nursing Program.
Addresses success strategies for beginning nursing students. Will enable the student to identify and practice strategies to optimize success in nursing school, including identifying stressors and mobilizing personal resources, study and test taking strategies using critical thinking skills, developing familiarity with medical terminology, exploring the evolving roles of the professional nurse. Additionally, explores the concepts of professionalism and collaboration.
Location(s): Craig

NUR 1050 MATERNAL–CHILD NURSING/6
(49.5 lecture hours; 31.5 lab hours; 90 clinical hours)
Prerequisite: Admission into the Nursing Program.

Provides for the acquisition of maternal/child nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, family-centered nursing care to childbearing families and children that is developmentally and culturally appropriate. Incorporates evidence-based practice, standards of practice, quality improvement, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of maternal/child and pediatric clinical settings.
Location(s): Craig

NUR 1069 TRANSITION INTO PRACTICAL NURSING/4
(30 lecture hours; 90 clinical hours.)
Prerequisite: Admission into the Nursing Program.
Provides the student with a transition into the role of the practical nurse. Emphasis will be placed on distinguishing the practical nurses defined scope of practice related to clinical practice, communication, nursing process, ethical/legal issues and leadership skills. The student practices in the role of the practical nurse in the associated clinical experience.
Location(s): Craig

NUR 1089 TRANSITION FROM LPN TO ADN/3
(30 lecture hours; 22.5 lab; 22.5 clinical)
Prerequisite: Admission into the Nursing Program.
Facilitates transition of the LPN to new roles and responsibilities of the ADN, the nursing process, critical thinking, legal and ethical issues in nursing practice, and the nursing care of childbearing families and pediatric clients. Application of knowledge and skills occurs in the laboratory and maternal/child and pediatric clinical settings.
Location(s): Craig

NUR 2006 ADVANCED CONCEPTS OF MEDICAL-SURGICAL NURSING I/6.5
(45 lecture hours; 22.5 lab hours; 135 clinical hours)
Prerequisite: Successful completion of preceding required program course work or permission of program director.
Builds on NUR 1006 focusing on advanced concepts of nursing applied to care of patients with high acuity medical/surgical conditions. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care to developmentally and culturally diverse adult patients. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in a variety of healthcare settings. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of clinical settings.
Location(s): Craig

NUR 2011 PSYCHIATRIC – MENTAL HEALTH NURSING/4
(40.5 lecture hours; 60 clinical hours)
Prerequisite: **Successful completion of preceding required program course work or permission of program director**.
Develops concepts of psychosocial integrity and emphasizes the function and responsibility of nursing in promoting and maintaining mental health of individuals and families. This course emphasizes communication and caring through the application of the therapeutic relationship and nursing process in the care and treatment of common clinical conditions/disorders.
Location(s): Craig

NUR 2012 PHARMACOLOGY II/2
(30 lecture hours)
Prerequisite: Admission into the Nursing Program.

Builds on previously introduced pharmacological concepts and applies that learning to pharmacologic therapy to provide safe, quality, evidence- based nursing care to patients with complex healthcare needs. Focuses on safety and quality improvement factors in the administration of medications within a variety of healthcare systems. Advanced dosage calculations included.
Location(s): Craig

NUR 2016 ADVANCED CONCEPTS OF MEDICAL-SURGICAL NURSING II/5
(34.5 lecture hours; 120 clinical hours)
Prerequisite: **Successful completion of preceding required program coursework or permission of program director.**
A continuation of NUR 2006, focusing on complex medical/surgical conditions of the high acuity patient. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care to developmentally and culturally diverse adult patients experiencing high acuity medical/surgical conditions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in the acute care and high acuity settings. Application of knowledge and skills occurs in a variety of clinical settings.
Location(s): Craig

NUR 2030 TRANSITION TO PROFESSIONAL NURSING PRACTICE/4
(24 lecture hours; 105 clinical hours)
Prerequisite: Admission into the Nursing Program.
A seminar and practice capstone course that provides an integrative experience applying all dimensions of the professional nurse in the care of diverse patient populations across a variety of healthcare settings. All major concepts of the nursing program are addressed. Leadership and the management of multiple patients are emphasized. Application of knowledge and skills occurs in the clinical setting to facilitate an effective transition from student to registered professional nurse.
Location(s): Craig

OUTDOOR STUDIES

OUT 1110 Colorado Fourteeners/2
(60 lab hours)
Presents an historical look into the naming and climbing of Colorado`s 14,000 foot peaks. Includes information on the current routes to ascend the peaks. This course includes multi-day hiking trips.

OUT 1010 WILDERNESS SURVIVAL SKILLS/3
(90 lab hours)
This course emphasizes the physiological, psychological and practical principles of survival. Survival equipment, wilderness improvising techniques, and wilderness dangers are included.

OUT 1120 BACKPACKING/2
(60 lab hours)
Provides skills related to wilderness travel and outdoor adventure. Emphasizes knowledge of backpacking skills, survival techniques, proper physical conditioning, route finding, equipment selection, and an understanding and respect for the environment. The course incorporates lecture and discussion sessions followed by a weekend trip in the mountains.
Location(s): Rangely

OUT 1205 LEAVE NO TRACE TRAINER/2
(30 lab hours)
Introduces the student to the principles of Leave No Trace and prepares students to teach Leave No Trace curriculum in a variety of outdoor and urban settings. This class is a must for guides, outfitters, outdoor educators, agency employees, scout/youth group leaders, or anyone who cares about minimizing impact on the Colorado backcountry.

OUT 1330 River Orientation/2
(30 LECTURE HOURS)
Emphasizes camp and travel skills in whitewater river environments as a self-contained group. Areas of study include boat handling skills, safety procedures, ecology, geology, geography, safe and efficient travel, Leave No Trace principles, and group dynamics.
Location(s): Rangely

OUT 1385 SCUBA DIVING/1
(30 lab hours)
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.
Location(s): Rangely

OUT 1520 ICE CLIMBING I/1
(30 lab hours)
Introduces technical (roped) ice climbing, including equipment selection and safety, knots, belaying and climbing, rappelling and climbing

safety.
Location(s): Rangely

OUT 1510 Rock Climbing I/2
(60 lab hours)
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.

OUT 1540 Challenge Course Facilitation/2
(15 lecture hours; 30 lab hours)
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.
Location(s): Rangely

OUT 1560 CAVING 1/1
(30 lab hours)
Introduces the student to the unique cave environment, formation of caves, cave biology, geology, and cave conservation. Reviews caving exploration techniques, caving equipment, caving safety and cave terminology

OUT 1570 BASIC SEARCH & RESCUE/3
(45 Contact Hours)
Covers the basic fundamentals required for search and rescue in a wilderness environment. Includes tracking techniques and field trips.
Location(s): Rangely

OUT 2002 OPEN WATER DIVER/1
(30 lab hours)
Prerequisite: OUT 1385
Requires student divers to demonstrate mastery of performance requirements for four (4) different open water dives to become a certified open water diver through the Professional Association of Diving Instructors (PADI).
Location(s): Rangely

OUT 2003 Advanced Open Water Diver/2
(15 lecture 30 lab hours)
Prerequisite: OUT 2002 Open Water Diver Certified. Extends the student's prior knowledge of diving by introducing them to advanced techniques including: deep diving, underwater navigation, night diving, peak performance buoyancy and multilevel diving. The classroom focuses on developing the student's knowledge, while the pool sessions focus on further developing the student's underwater skills. The open water training dives focus on improving the students diving skills as well as introducing the student to the different types of dives available.
Location(s): Rangely

OUT 2005 Dive Master/3
(30 lecture; 30 lab hours)
Prerequisite: OUT 2300
Introduces the student to leadership level diving. It trains the student in several areas of focus: dive theory, waterman ship skills, problem solving abilities, role model behavior, student diver management and certified diver management. These skills are learned and assessed in both pool and classroom sessions for dive master certification through PADI. The practical application phase teaches the student how to deal with student divers as well as certified divers in a leadership role.
Location(s): Rangely

OUT 2044 Wilderness First Responder/4
(45 lecture; 30 lab hours)
Focuses on the prevention, assessment, and treatment of injuries and illnesses common to backcountry travel as well as how to manage a rescue. The course introduces patient assessment, standards of care, team dynamics, and critical thinking used during wilderness emergencies. This course is intended for outdoor enthusiasts and professionals who travel, recreate, and work in remote environments.
Location(s): Rangely

OUT 2300 Rescue Diver/2
(15 lecture; 30 lab hours)
Prerequisite: OUT 2003.
Introduces the student to being able to help others in a rescue scenario. Teaches the student how to recognize problems at all stages in the rescue process. The classroom sessions focus on theories including stress management. The pool sessions focus on the practical application of assisting divers in trouble. The open water sessions focus on realistic situations and includes skills assessment for rescue diver certification through PADI. This fine tunes the student's ability to handle different situations and prepares the student and Dive master course.
Location(s): Rangely

OUT 2305 PADDLE SPORTS/2
(60 lab hours)
Focuses on the methods and skills of conducting and leading safe lake and river trips in various types of watercraft such as canoes, kayaks, or inflatable boats. Students will learn modern river paddling techniques, trip planning and organization, basic river rescue and safety skills, federal and local permit systems, and minimal impact camping and boating techniques for a

river corridor. This course includes a multi-day river expedition.

PARK RANGER

PRA 1000 PARK RANGER ACADEMY I/6 (90 contact hours)
Teaches basic skills and knowledge necessary to perform the duties of a Seasonal Law Enforcement Ranger. Provides students basic knowledge of federal guidelines and competencies of Code of Federal Regulations through lecture and practical applications. Introduces History of the National Park Service, Authority and Jurisdiction, 4th, 5th and 6th Amendment, Officer Liability, along with Federal Criminal Law and Court Procedures. Conforms to National Park Service standards and Federal Law Enforcement Training Center certification requirements.
Location(s): Rangely

PRA 1001 PARK RANGER ACADEMY II/ 11 (247.5 contact hours)
Prerequisite: PRA 1000
Introduces basic and advanced skills and knowledge necessary to perform the entry level duties of a Seasonal Law Enforcement Ranger. This course introduces crime scene investigation, DUI/DWI detection, terrorism recognition, human behavior, radio communication, vehicle searches and patrol skills. Conforms to National Park Service standards and Federal Law Enforcement Training Center (FLETC) certification requirements.
Location(s): Rangely

PRA 1003 NPS Basic Tactics/5 (120 contact hours)
Identifies and demonstrates basic tactics and active threat concepts, principles and techniques. This course introduces basic skills and knowledge necessary to perform the duties of the Seasonal Law Enforcement Ranger while working in various tactical environments. This course includes basic tactics, control tactics, tactical medicine, electronic control device, Oleoresin Capsicum, active threat, aircraft counter measures and flying armed knowledge and ability. Conforms to National Park Service standards and Federal Law Enforcement Training Center certification requirements.
Location(s): Rangely

PRA 1004 Park Ranger Fitness Awareness/3 (67.5 contact hours)
Determines functional capacity in the areas of body composition, speed and agility, flexibility, muscular strength, and cardiovascular endurance given the requirement to perform the Physical Efficiency Battery (PEB). Students must achieve a score at the level of proficiency required by FLETC. Identify the importance of fitness as it relates to the Law Enforcement Ranger and the five elements of fitness. Conforms to National Park Service standards and Federal Law Enforcement Training Center (FLETC) certification requirements.
Location(s): Rangely

PRA 1005 NPS Firearms/5 (120 contact hours)
Gains knowledge of nomenclature, safety rules and regulations, safe weapons handling, de-cocking, loading, unloading and transfer of a weapon. The student will demonstrate proficiency in the fundamentals of marksmanship and weapon handling skills as designated by the National Park Service Courses of Fire. Conforms to National Park Service standards and Federal Law Enforcement Training Center (FLETC) certification requirements.
Location(s): Rangely

PRA 1008 NPS DRIVING SKILLS/3 (67.5 contact hours)
Demonstrates emergency response and non-emergence response driving techniques including braking techniques, steering techniques, selecting the appropriate line of travel, and maintaining control of the vehicle. Student will demonstrate proper function, operation, testing, and calibration of basic Radar/Lidar. Conforms to National Park Service standards and Federal Law Enforcement Training Center (FLETC) certification requirements.
Location(s): Rangely

PHILOSOPHY

PHI 1011 INTRODUCTION TO PHILOSOPHY/ 3 (45 lecture hours)
Introduces significant human questions and emphasizes understanding the meaning and methods of philosophy. Includes human condition, knowledge, freedom, history, ethics, the future, and religion. *(AH3).*
Location(s): Rangely; Online

PHI 1012 ETHICS/3 (45 lecture hours)
Examines human life, experience, and thought to discover and develop the principles and values for pursuing a more fulfilled existence. This course examines ethical theories designed to both justify moral judgments, as well as apply these ethical theories to a selection of personal

and social issues in the world today. (AH3).
Location(s): Rangely; Online

PHI 1013 LOGIC/3
(45 lecture hours)
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. *(AH3).*
Location(s): Online

PHI 1014 COMPARATIVE RELIGIONS/3
(45 lecture hours)
Introduces the major religions of the Eastern and Western world. Covers Hinduism, Buddhism, Confucianism, Daoism, Judaism, Christianity, and Islam. Utilizes methods of religious studies to understand the historical development of each religious tradition as well its worldview and teachings. (AH3).
Location(s): Craig; Online

PHI 1015 WORLD RELIGIONS-WEST: GT-AH3/3
(45 LECTURE HOURS)
Introduces students to religions of the Western World: Judaism, Christianity, and Islam. Utilizes the methods of religious studies to understand the historical development of each religious tradition in terms of communities, cultural context, and modern manifestations; paying particular attention to differences between sects, denominations, schools, and factions within each tradition. Focus will include the examination of the charismatic leaders, prophets, and narratives that inform the worldview of each tradition. This is a statewide Guaranteed Transfer course in the GT-AH3 category.
Location(s): Online

PHI 1016 WORLD RELIGIONS-EAST: GT-AH3/3
(45 LECTURE HOURS)
Introduces the major religions of the Eastern World: Hinduism, Buddhism, Confucianism, and Daoism. Utilizes the methods of religious studies to understand the historical development of each religious tradition in terms of communities, cultural context, and modern manifestations; paying particular attention to differences between sects, denominations, schools, and factions within each tradition. Focus will include the examination of the charismatic leaders, prophets, and narratives that inform the worldview of each tradition. This is a statewide Guaranteed Transfer course in the GT-AH3 category.
Location(s): Online

PHI 1021 CURRENT ISSUES AND ETHICS IN DENTAL HYGIENE/1
(15 lecture hours)
Prerequisite: Enrollment in the Dental Hygiene Program.
Discusses current issues in dental hygiene and heightens student's awareness of ethical issues and choices for action. Includes a library project and an opportunity to facilitate a discussion.
Location(s): Rangely

PHI 2005 BUSINESS ETHICS: GT-AH3/3
(45 LECTURE HOURS)
Examines major ethical theories and then applies ethical decision-making criteria to various moral issues and challenges in a business environment. This course will include issues such as job discrimination, worker's rights, consumerism, advertising, whistle-blowing, product safety, responsibility to the environment, as well as compassionate and fair responsibility to society. This is a statewide Guaranteed Transfer course in the GT-AH3 category.
Location(s): Online

PHI 2014 PHILOSOPHY OF RELIGION/3
(45 lecture hours)
Focuses on the critical analysis and evaluation of the fundamental concepts, ideas, and implications within religious worldviews. This course includes issues such as the nature of God, other conceptions of ultimate reality, arguments concerning God`s existence, the problem of evil and suffering, faith and reason, metaphysical foundations for ethics, the phenomenon of religious experience, and religious diversity. (AH3).
Location(s): Online

PHI 2018 ENVIRONMENTAL ETHICS/3
(45 lecture hours)
Analyzes theories of the value of the natural world. Topics may include the relation between scientific and moral principles; theories of the moral worth of persons, animals, plants, and other natural objects; historical, religious, and cultural influences on conceptions of nature; Alternative accounts of human relationships and responsibilities to nature; and the connection between moral and political values and economic policies. (AH3)
Location(s): Rangely; Online

PHI 2020 PHILOSOPHY OF DEATH AND DYING/3
(45 lecture hours)
Explores the major philosophical questions surrounding death and dying, the metaphysical arguments for and against the existence of the

soul, life after bodily death, the major ethical theories and their relation to issues of physician-assisted suicide, care for the dying, the grieving process, death as expressed in aesthetics and contemporary society, as well as the existential contributions concerning meaning of life and the meaning of death. This is a statewide Guaranteed Transfer course in the GT-AH3 category.
Location(s): Online

PHYSICS

PHY 1105 CONCEPTUAL PHYSICS W/LAB/4
(45 lecture hours; 30 lab hours)
Focuses on mechanics, heat, properties of matter, electricity and magnetism, light and modern physics. Incorporates laboratory experience. (*SC1)*
Location(s): Online

PHY 1107 ENERGY SCIENCE & TECHNOLOGY WITH LAB/4
(45 lecture hours; 30 lab hours)
Explores the science of energy and energy technologies with a focus on renewable energy resources and clean technologies. The course provides a background in the physics of energy, energy transfer, and the current state of energy technology. Evaluation of the future utilization of renewable technologies is included. Topics may include conservation of energy; mechanical, electrical, heat, and fluid power systems; energy transfer and loss; energy audits; and testing solar collectors and wind generators. (SC1)
Location(s): Online

PHY 1111 PHYSICS: ALGEBRA BASED I WITH LAB/5
(60 lecture hours; 30 lab hours)
Prerequisite: MAT 1340.
Covers the physics of mechanics and requires application of classical physics to both mathematical and conceptual problems. Major topics include kinematics in one and two dimensions, Newton's Laws, circular motion, work and energy, impulse and momentum, and rotational mechanics. This course may also include topics relating to simple harmonic motion and traveling and standing waves. (SC1)
Location(s): Rangely; Online

PHY 1112 PHYSICS: ALGEBRA BASED II WITH LAB/5
(60 lecture hours; 30 lab hours)
Prerequisite: PHY **1111**.
Covers the physics of electricity and magnetism and requires application of classical physics to both mathematical and conceptual problems. DC circuits involving resistors, capacitors, and batteries will be covered. Also covered are electromagnetic waves and geometric optics. This course may also include topics relating to simple harmonic motion, traveling and standing waves, and AC circuits. (SC1)
Location(s): Rangely; Online

PHY 2111 PHYSICS: CALCULUS-BASED I WITH LAB/5
(45 lecture hours; 60 lab hours)
Prerequisite: MAT 2410.
Covers the physics of kinematics, dynamics, and conservation laws and requires application of classical physics to both mathematical and conceptual problems. Specific concepts covered include 1D and 2D kinematics, Newton's Laws, rotational motion, energy and work, momentum and impulse, and simple harmonic motion. This course may also cover thermodynamics and fluid mechanics. (SC1)
Location(s): Online

PHY 2112 PHYSICS: CALCULUS-BASED II WITH LAB/5
(45 lecture hours; 60 lab hours)
Prerequisite: **PHY 2111**.
Covers the physics of electricity and magnetism using conceptual and mathematical reasoning, including calculus. Maxwell's equations, waves, and time-varying circuits will be covered. Optional topics include wave and geometric optics and AC circuits. (SC1)
Location(s): Online

POLITICAL SCIENCE

PSC 1011 AMERICAN GOVERNMENT/3
(45 lecture hours)
Includes the background of the U.S. Constitution, the philosophy of American government, general principles of the Constitution, federalism, and civil liberties. Examines public opinion and citizen participation, political parties, interest groups, and the electoral process, and the structure and functions of the national government. *(SS1)*
Location(s): Online; Concurrent

PSC 1025 AMERICAN STATE AND LOCAL GOVERNMENT: GT- SS1/3
(45 LECTURE HOURS)
Emphasizes the structure and function of state, county, and municipal governments including their relations with each other and with national government. Includes a study of Colorado government and politics. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Online

PSC 1036 AMERICAN PRESIDENCY/3
(45 LECTURE HOURS)
Focuses on the office of the president as a branch of government. Examines the individuals who have occupied and shaped the presidency, and changes in the office itself. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Online

PSC 1050 CURRENT POLITICAL ISSUES: GT-SS1/3
(45 LECTURE HOURS)
Incorporates an in-depth analysis of the background and nature of political issues and themes. This course is statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Online

PSC 2005 INTERNATIONAL RELATIONS: GT-SS1/3
(45 LECTURE HOURS)
Examines the interactions among various levels of actors in the international system. This course attempts to explain behaviors across state boundaries. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
Location(s): Online

PSC 2020 INTRODUCTION TO POLITICAL SCIENCE/3 (45 lecture hours)
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. (*SS1)*
Location(s): Online

PSC 2025 COMPARATIVE GOVERNMENT/3
(45 LECTURE HOURS)
Examines domestic political systems, developments, themes, and events across countries and regions while applying the comparative method to identify similarities and differences. (SS1)

PSYCHOLOGY

PSY 1001 GENERAL PSYCHOLOGY I/3
(45 LECTURE HOURS)
Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning and memory. (SS3)
Location(s): Craig; Rangely; Online

PSY 1002 GENERAL PSYCHOLOGY II/3
(45 LECTURE HOURS)
Focuses on the scientific study of behavior including cognition, language, intelligence, psychological assessment, personality, abnormal psychology, therapy, life span development, sex, gender, sexuality, and social psychology. (SS3)
Location(s): Craig; Rangely; Online

PSY 1004 HUMAN RELATIONS/3
(45 LECTURE HOURS)
Emphasizes the development and practice of effective interpersonal skills on and off the job. Location(s) Online

PSY 1005 PSYCHOLOGY OF WORKPLACE RELATIONSHIPS/3
(45 LECTURE HOURS)
Focuses on interactions among people including their conflicts, cooperative efforts, and group relationships. This course examines why beliefs, attitudes, and behaviors cause relationship problems in our personal lives and in work-related situations. Additionally, this course emphasizes the analysis of human behavior, the application of prevention strategies, and resolution of the behavior.
Location(s): Online

PSY 1016 STRESS MANAGEMENT/3
(45 LECTURE HOURS)
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.
Location(s): Online

PSY 2105 PSYCHOLOGY OF GENDER/3
(45 LECTURE HOURS)
Examines gender comparisons in work, courtship, family life, and sexual behavior throughout the life span. *(SS3)*
Location(s): Online

PSY 2107 HUMAN SEXUALITY/3
(45 LECTURE HOURS)
Surveys physiological, psychological, and psychosocial aspects of human sexuality. Topics include relationships, sexual identity, and sexual health. (SS3)
Location(s): Rangely; Online

PSY 2221 SOCIAL PSYCHOLOGY/3
(45 LECTURE HOURS)
Prerequisite: 3 credit hours of general psychology or general sociology or instructor permission.
Focuses on the behavior of humans in a wide variety of social settings and the social

influences humans have on each other in those settings. (SS3)
Location(s): Online

PSY 2222 PSYCHOLOGY OF DEATH AND DYING/3
(45 LECTURE HOURS)
Examines the philosophies of life and death, emphasizing dying, death, mourning, and the consideration of one`s own death. (SS3)
Location(s): Craig; Rangely; Online

PSY 2331 POSITIVE PSYCHOLOGY: GT-SS3/3(45 LECTURE HOURS)
Focuses on human strengths and explores strengths-based research and concepts of life satisfaction, well-being, happiness, helpfulness, resiliency, post-traumatic growth, and improving emotional, psychological, and social functioning. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Location(s): Online

PSY 2332 PSYCHOLOGY OF ADJUSTMENT/3
(45 LECTURE HOURS)
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.
Location(s): Online

PSY 2333 HEALTH PSYCHOLOGY: GT-SS3/3
(45 LECTURE HOURS)
Focuses on an overview of the scientific study of attitudes, behaviors, and personality variables related to health, illness, and bodily systems. The course emphasizes the interaction of biological, psychological, and social factors that cause illness and influence its treatment and prevention. This is a statewide **Guaranteed Transfer course in the GT-SS3 category.**
Location(s): Online

PSY 2440 HUMAN GROWTH & DEVELOPMENT/3
(45 LECTURE HOURS)
Examines human development from conception through death emphasizing physical, cognitive, emotional and psychosocial factors. *(*SS3).
Location(s): Craig; Rangely; Online

PSY 2441 CHILD DEVELOPMENT/3
(45 LECTURE HOURS)
Examines human development from conception through death emphasizing physical, cognitive, emotional and psychosocial factors. *(*SS3).
Location(s): Online

PSY 2442 CHILD AND ADOLESCENT PSYCHOLOGY/3
(45 LECTURE HOURS)
Explores human development from conception through adolescence, emphasizing physical cognitive, emotional, and psychosocial factors.
Location(s): Online

PSY 2551 CHILD ABUSE AND NEGLECT/3
(45 LECTURE HOURS)
Examines the causes and effects of physical, sexual, and psychological abuse and neglect. This course emphasizes intervention and prevention strategies.
Location(s): Online

PSY 2552 ABNORMAL PSYCHOLOGY/3
(45 LECTURE HOURS)
Prerequisite: 3 credits of general psychology or Instructor permission.
Examines abnormal behavior and its classification, causes, treatment, and prevention*. (*SS3*)*
Location(s): Craig; Online

PSY 2661 BRAIN AND BEHAVIOR/3
(45 LECTURE HOURS)
Introduces the study of the relationship between brain and behavior. Modern research methods and ethics in the study of brain and behavior are examined. This course applies neuroanatomy and neurophysiology, related to human mental experience and behavior, are also considered. Applies neuroscience concepts to understand and intervene in human behaviors and psychological disorders.
Location(s): Online

PSY 2770 INTRODUCTION TO FORENSIC PSYCHOLOGY/3
(45 LECTURE HOURS)
Introduction to Forensic Psychology is a course in an overview of Forensic Psychology. As such it explores both current research and practice in five areas. These areas are police psychology, criminal psychology, victimology, correctional psychology and the interface of psychology and the courts. The course facilitates an understanding of the numerous careers related to forensic psychology, how to prepare for them and current research and practice in each of the five broad areas of forensic psychology.
Location(s): Online

PSY 2771 PSYCHOLOGY OF PERSONALITY/3
(45 LECTURE HOURS)

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. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Location(s): Online

RANGE MANAGEMENT

RAM 205 RANGE MANAGEMENT/3
(45 LECTURE HOURS)
Presents the historical and current status of the range livestock industry. Management principles for private and public rangelands, range plant identification and range plant communities are covered.
Location(s): Rangely, Craig, Hybrid, Concurrent

RECREATION

REC 2011 OUTDOOR LEADERSHIP/2
(15 LECTURE HOURS; 37.5 INTERNSHIP/FIELD STUDY HOURS)
Introduces the development, acquisition, and application of outdoor leadership skills and knowledge. Focuses on the latest information philosophy, and techniques necessary to safely conduct outdoor programs and expeditions as an outdoor leader. Skills are applied under actual field conditions. Emphasizes minimal impact camping, wilderness ecology, judgment and decision making, group dynamics and trip logistics. These skills enhance effectiveness as an outdoor leader.
Location(s): Rangely

RUSSIAN

RUS 1011 RUSSIAN LANGUAGE I/5
(75 LECTURE HOURS)
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.
Location(s): Online

RUS 1012 RUSSIAN LANGUAGE II/5
(75 LECTURE HOURS)
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.
Location(s): Online

SCIENCE

SCI 1055 INTEGRATED SCIENCE I - PHYSICS AND CHEMISTRY WITH LAB: GT-SC1/4
(45 LECTURE HOURS; 30 LAB HOURS)
Examines the nature of energy and matter, their interactions and changes, and the application of fundamental concepts to the study of our natural world. These concepts will be explored in hands-on laboratory experiments. This course integrates the fundamental concepts and ideas about the nature of physics and chemistry with the natural world. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Location(s): Online

SCI 1056 INTEGRATED SCIENCE II - EARTH AND LIFE SCIENCE WITH LAB: GT-SC1/4
(45 LECTURE HOURS; 30 LAB HOURS)
Examines earth and biological systems, living and non-living environments, through the application of fundamental energy and matter concepts. These systems and concepts will be explored in hands-on laboratory experiments. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
Location(s): Online

SCI 1105 SCIENCE IN SOCIETY: GT-SC2 /3
(45 LECTURE HOURS)
Examines issues relating to the way science interacts with society. A selection of issues from information technology, the environment and earth science, physics and astronomy, biology, medicine, and the interaction of science with politics will be examined, as informed by current events. Emphasis will be on research, inquiry, and critical analysis of science-related issues, including the negative and positive roles of science in society. This is a statewide Guaranteed Transfer course in the GT-SC2 category.
Location(s): Online

SMALL BUSINESS MANAGEMENT

SBM 1001 STARTING a **SMALL BUSINESS/1**
(15 LECTURE HOURS)

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.
Location(s): Online

SBM 1006 RECORDKEEPING FOR A SMALL BUSINESS/1
(15 LECTURE HOURS)
Provides an overview of recordkeeping for a small business. Students learn basic bookkeeping skills and key recordkeeping requirements.
Location(s): Online

SBM 1008 MARKETING FOR a SMALL BUSINESS/1
(15 LECTURE HOURS)
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.
Location(s): Online

SBM 1012 FINANCING a **SMALL BUSINESS/1**
(15 LECTURE HOURS)
Provides a brief overview of the basics of financing a small business. Topics include sources of capital, types of business loans, and maintenance of cash flow.
Location(s): Online

SOCIOLOGY

SOC 1001 INTRODUCTION TO SOCIOLOGY I/3 (45 LECTURE HOURS)
This course examines the basic concepts, theories, and principles of sociology, including topics of culture, race, class, gender, sexuality, social groups, and deviance through a local and global lens. Analyzes and interprets socio-historic as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. (SS3)
Location(s): Craig; Rangely; Online

SOC 1002 INTRODUCTION TO SOCIOLOGY II/3
(45 LECTURE HOURS)
This course examines the basic concepts, theories, and principles of sociology, including topics of culture, race, class, gender, sexuality, social groups, and deviance through a local and global lens. Analyzes and interprets socio-historic as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. (SS3)
Location(s): Craig; Rangely; Online

SOC 2005 SOCIOLOGY OF FAMILY DYNAMICS/3
(45 LECTURE HOURS)
Prerequisite: SOC 1001 or consent of the instructor.
Offers a critical exploration of marriage, family and kinship. It examines the family as an institution and how social, cultural and personal factors influence family relations locally and globally. Explores the stability and evolution of the family, along with current trends and a range of family forms. (SS3)
Location(s): Online

SOC 2007 ENVIRONMENTAL SOCIOLOGY/3
(45 LECTURE HOURS)
Examines how humans' relationship with the environment is mediated by social stratification. Key topic areas include industrial and economic growth versus sustainability, natural resources development and management, cultural values, social movements, and comparative perspectives on people's relationship to the environment. (SS3)
Location(s): Online

SOC 2015 CONTEMPORARY SOCIAL PROBLEMS/3
(45 LECTURE HOURS)
Investigates current social issues that result in societal problems. Focuses on numerous areas including, but not limited to, the loss of civil liberties, concentration of media ownership, gender discrimination, hate crimes, poverty, hunger, environmental degradation, racism and prejudice, as well as social change. **Addresses ways to ameliorate** these social ills. (SS3)
Location(s): Online

SOC 2016 SOCIOLOGY OF GENDER/3
(45 LECTURE HOURS)
Examines major trends and theoretical approaches within the field of sociology of gender including the impact of intersecting social markers such as race, class, sexuality and gender identities. Addresses gender performance, stratification and inequalities in micro and macro settings in the U.S. Focuses on social movements relating to identities and institutional inequalities. (SS3)
Location(s): Craig

SOC 2018 SOCIOLOGY OF DIVERSITY/3
(45 LECTURE HOURS)
Explores differences based on race, ethnicity, social class, gender, age, ability status, and sexual identity. Critically examines the dynamics of intergroup relations and how social construction of these differences can lead to

patterns of prejudice, discrimination, and inequality nationally and globally. (SS3)
Location(s): Online

SOC 2020 SOCIOLOGY OF RELIGION /3
(45 LECTURE HOURS)
Further explores the study of the sociology of religion. Analyzes the socially constructed definition of religion, the forms religion takes in various societies, the impact religion has on local and global societies and social institutions and the many ways in which people shape, maintain or disassemble religious structures. (SS3)
Location(s): Online

SOC 2031 THESOCIOLOGY OF DEVIANT BEHAVIOR/3
(45 LECTURE HOURS)
Critically examines various deviant categories and societal reaction to deviance affecting diverse populations. Examines how sociologists study diverse populations. Examines how sociologists study deviance and the theories they use to explain it. Explains the ways social institutions define deviance and attempt to control, change, or treat those deviant behaviors, attitudes, and conditions. (SS3)
Location(s): Rangely; Online

SOC 2037 SOCIOLOGY OF DEATH AND DYING/3
(45 LECTURE HOURS)
Prerequisite: testing into ENG 1021.
Explores the socially constructed nature of how individuals and societies interact with death and dying. Examines how individuals experience death and dying based on their social location. Analyzes diversity in grief practices related to death. (SS3)
Location(s): Craig

SPANISH

SPA 1001 CONVERSATIONAL SPANISH I/3
(45 LECTURE HOURS)
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.
Location(s): Online

SPA 1002 CONVERSATIONAL SPANISH II/3
(45 LECTURE HOURS)
Prerequisite: SPA 1001 or permission of instructor.
Offers students the skills necessary to understand and speak Spanish. The material continues to cover basic conversations patterns, expressions, and grammar.
Location(s): Online

SPA 1011 SPANISH LANGUAGE I/5
(75 LECTURE HOURS)
Develops students' interpretive, interpersonal, and presentational communicative abilities in the language. Integrates these skills in the cultural contexts in which the language is used. Offers a foundation in the analysis of culture.
Location(s): Online; Concurrent

SPA 1012 SPANISH LANGUAGE II/5
(75 LECTURE HOURS)
Prerequisite: SPA 1011 or permission of instructor.
Expands students' interpretive, interpersonal, and presentational communicative abilities in the language across the disciplines. Integrates these skills with the study of the cultures in which the language is used. Offers a foundation in the analysis of culture and develops intercultural communicative strategies.
Location(s): Online

SPA 1015 SPANISH FOR THE PROFESSIONAL I/3
(45 LECTURE HOURS)
Prerequisite: College Level Reading.
Introduces students 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.
Location(s): Online

SPA 2011 SPANISH LANGUAGE III/3
(45 LECTURE HOURS)
Prerequisite: SPA 1012 or instructor permission
Continues Spanish Language II in the development of increased functional proficiency at the intermediate level in speaking, aural comprehension, reading, writing, and cultural competency in the Spanish language. **This course is conducted predominantly in Spanish**. (AH4)
Location(s): Online; Concurrent

SPA 2012 SPANISH LANGUAGE IV/3
(45 LECTURE HOURS)
Prerequisite: SPA 2011 or instructor permission
Continues Spanish Language III in the development of increased functional proficiency at intermediate mid-level in speaking, aural comprehension, reading, writing, and cultural competency in the Spanish language. This course is conducted predominantly in Spanish.

(AH4)
Location(s): Online

THEATRE

THE 1005 THEATRE APPRECIATION/3
(45 LECTURE HOURS)
Provides an opportunity to discover, analyze, and evaluate all aspects of the theatre experience: scripts, acting, directing, staging, history, criticism, and theory. (AH1)
Location(s): Online

WELDING

WEL 1000 SAFETY FOR WELDERS/1
(15 LECTURE HOURS)
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.
Location(s): Concurrent

WEL 1021 STRUCTURAL WELDING/3
(90 CONTACT HOURS)
Covers theory and practice in oxy-acetylene processes with emphasis toward AWS welder qualification with mild steel electrode E-7018 welding in the horizontal and vertical position.
Location(s): Concurrent

WEL 1024 INTRODUCTION TO GAS TUNGSTEN ARC WELDING/4
(90 CONTACT HOURS)
Prerequisite or Co-Requisite: WEL 100 or instructor permission
Covers welding in all positions and on various joint configurations using the GTAW (tag) welding process on carbon steel, stainless steel and aluminum. Students should be familiar with basic metallurgy pertaining to the weld ability of metals, structural joints, and safety in the welding industry.
Location(s): Concurrent

WEL 1025 INTRODUCTION TO GAS METAL ARC WELDING/4
(90 CONTACT HOURS)
Prerequisite or Co-Requisite: WEL 1000 or instructor permission
Covers welding in all positions and on various joint configurations using the GMAW (mig) welding process on carbon steel, stainless steel and aluminum. Students should be familiar with basic metallurgy pertaining to the weld ability of metals, structural joints, and safety in the welding industry.
Location(s): Concurrent

WEL 1030 MAINTENANCE WELDING/2
(45 CONTACT HOURS)
Prerequisite or Co-Requisite: WEL 1000 or instructor permission
Gives the student a basic understanding of the oxyacetylene cutting and arc welding process and introduction to the skills a 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.
Location(s): Concurrent

WIND TURBINE GENERATION

WTG 1000 INTRODUCTION TO WIND INDUSTRY/3
(45 LECTURE HOURS)
Introduces students to the wind power generation industry. Topics covered will include physics of wind energy, various sizes and types of wind turbines, reading wind maps for finding the best wind locations. Students will also engage in discussions of the impact of the wind industry on social, environmental, economic, and political issues.
Location(s): Rangely, Craig

WOMEN AND GENDER STUDIES

WST 2000 INTRODUCTION TO WOMEN`S STUDIES: GT-SS3/3
(45 LECTURE HOURS)
Explores the interdisciplinary field of women's studies. This course is an examination of the following topics: the historical basis of gender inequality; the history of social movements for gender equality and women's studies; women's achievements throughout history in various professional and academic fields; women's social, economic, religious, health and political status in the U.S. and around the globe; gender relations; intersectionality; cultural, media and artistic representations of women. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Location(s): Online

WST 2100 WOMEN AND SOCIAL ACTION: GT-SS3/3
(45 LECTURE HOURS)
Explores the role of the systems of oppression in society and avenues available to create both individual and collective change through social

action. Awareness of agency to enact change and become empowered are highlighted in the course. Informed by intersectional feminist pedagogy, this course explores issues of diversity including, but not limited to race, class gender, age and disability. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Location(s): Online

WST 2200 GODDESSES AND WOMEN IN THE ANCIENT WORLD: GT-SS3/3
(45 LECTURE HOURS)
Surveys gender socialization through a study of arts, literature, music politics, religion, philosophy, laws, and social standards. The course introduces the history of ideas that have defined women's place in societies, Course examines goddesses, rituals, and ceremonies, and how the image of the feminine divine changed from matriarchal cultures through the establishment of patriarchal cultures. These topics will be viewed through diverse cultures, including European and non-European, from the ancient world through the middle ages. This is a statewide guaranteed transfer course in the GT-SS3 Category.
Location(s): Online

WST 2300 WOMEN'S SEXUALITY: GT-SS3/3
(45 LECTURE HOURS)

Explores the development of sexualities throughout history and cross-culturally. The course addresses theories of sexuality and erotic power, women's sexualities across cultures and throughout the lifespan, the perception of sexuality in religion and culture, and creative visualizations of women's sexuality in literature, visual, music, and performance art. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
Location(s): Online