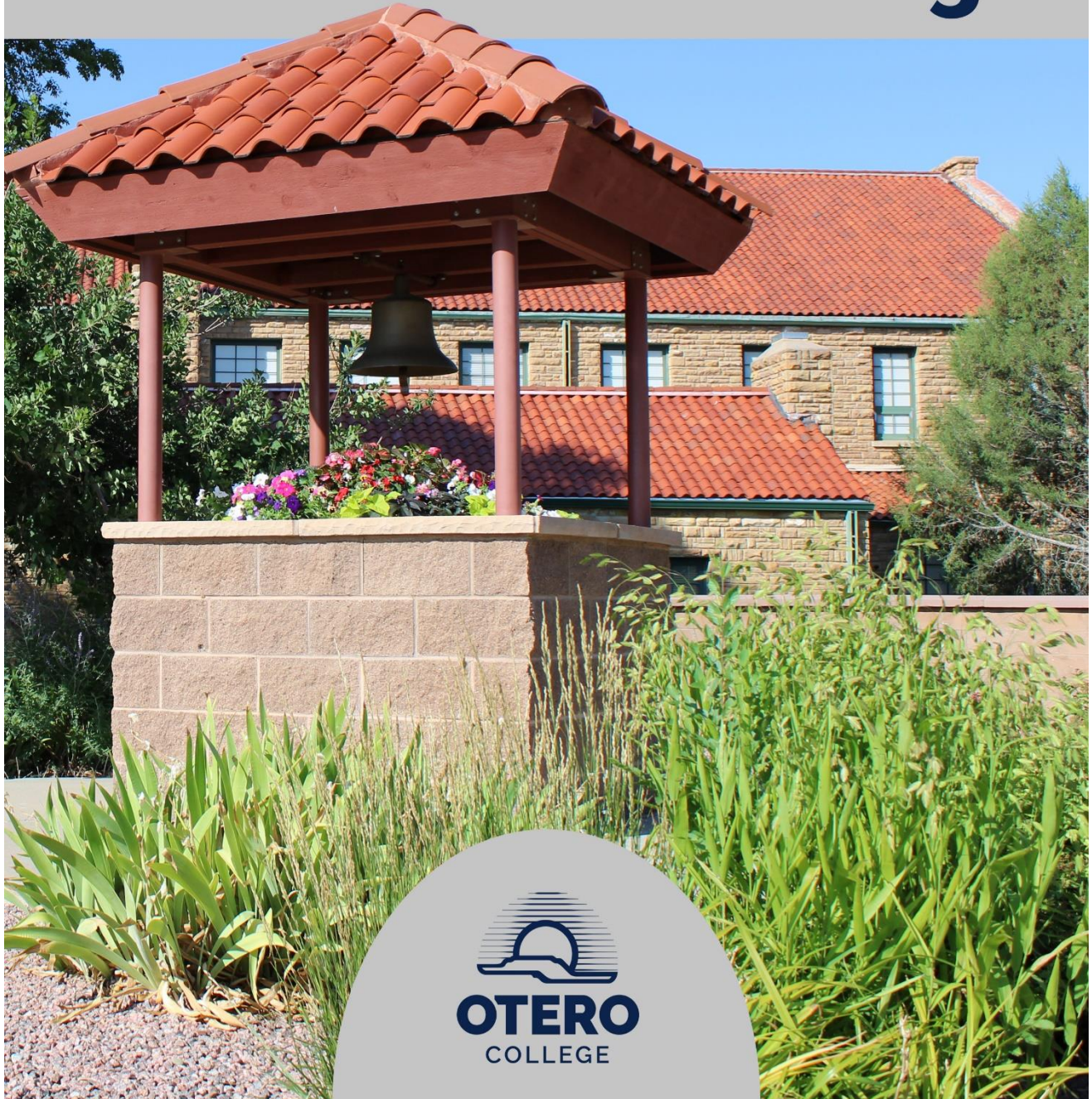


— 2024-2025 —

Academic Catalog



Otero College Catalog of Educational Programs and Services



1802 Colorado Avenue | La Junta, CO 81050 | (719) 384-6831

www.otero.edu

Member of the Colorado Community College System



Accredited by the Higher Learning Commission:



230 South LaSalle Street, Suite 7-500 | Chicago, IL 60604-1411

(312) 263-0456 | (800) 621-7440 | Fax: (312) 263-7462 | www.ncahlc.org

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General Information

College Overview

Founded in 1941, Otero College is on an attractive 40-acre campus on the southern edge of La Junta, Colorado. Within two years, students at Otero can earn degrees in Associate of Arts, Associate of Science, Associate of Applied Science or Associate of General Studies. Agreements with all Colorado public 4-year colleges and universities enable a smooth academic transfer for students to apply their credits toward a 4-year degree. Students who wish to pursue a career and technical education will find one-semester to two-year certificate programs available that will have them on the job upon completion. Otero students rank at the top academically for all Colorado community college students after they graduate and transfer to 4-year colleges or universities.

Supported by state tax dollars, tuition at Otero is affordable. Many students attending Otero qualify for financial assistance in the form of scholarships, grants, student loans and on-campus work-study jobs. Otero is a full-service campus with modern residence halls, library, classrooms and state-of-the-art technology.

At Otero we strive to involve students in the campus and college experience. The college sponsors over a dozen student organizations including a nationally awarded Phi Theta Kappa Honor Society and an International Relations organization that celebrates and promotes cultural diversity on the campus. The Otero Rattlers varsity athletic programs include Women's Basketball, Golf, Rodeo, Soccer, Softball and Volleyball. Men's varsity sports include Basketball, Baseball, Golf, Rodeo, Soccer and Wrestling.

Otero College is recognized by the U.S. Department of Education as a Hispanic Serving Institution.

Campus Map



Interactive Campus Map:

<https://map.concept3d.com/?id=2131#!ct/80136,79601,77515,77512,77510,76762,76758,76756,76768,76769?s/>

History & Accreditation

HISTORY

In 1939, the residents of the La Junta School District Number 11 voted that bonds would be used to finance a junior college building to be administered by the Board of Education. On September 15, 1941, "La Junta Junior College" opened its doors. The college was operated by the school district. By state statute, the college was classified as a continuation school.

In 1949, an election was held county-wide to consider the proposal that the college become an independent unit supported by the county rather than by the local school district. This proposal was approved by the voters and the college was renamed, "Otero County Junior College." The elected board, the Junior College Committee, did not desire to assume control of the college then, and it continued to operate as a continuation school. On January 1, 1956, the college governing board voted to take over the existing facilities from the La Junta School District, and the college changed its name to "Otero College." The college became primarily a transfer institution emphasizing the first two years of a four-year degree program.

In 1967, the 46th General Assembly of the State of Colorado passed the Community College Act, a law creating a state system of junior colleges to be governed by the State Board for Community Colleges and Occupational Education (SBCCOE). Existing junior colleges were given the option of joining the system with the approval of qualified voters in their respective junior college district. That same year, the college received accreditation by the North Central Association of Colleges and Secondary Schools.

On February 20, 1968, Otero County voters unanimously favored joining the state system. The college officially became a state two-year college on July 1, 1968. With the creation of the state system of community colleges, funds for establishing and expanding occupational programs were increased, and Otero College became a more comprehensive junior college.

In the Fall of 1969, Otero College was designated as an area vocational-technical school, expanding its offerings in vocational education to public schools in the college's tri-county service area as the Central Arkansas Valley Occupational Center. In the Spring of 1993 this partnership was discontinued.

ACCREDITATION – CERTIFICATION - AFFILIATION

Otero College is accredited by The Higher Learning Commission (HLC). The HLC can be reached at: 230 South LaSalle Street, Suite 7-500, Chicago, Illinois 60602-1411. Telephone: 312-263-0456 | 800-621-7440 | Fax: 312-263-7462

The Nursing Assistant and Practical Nursing programs are approved by the Colorado State Board of Nursing. The ADN Registered Nursing Program is approved by the Colorado State Board of Nursing and accredited by the Accrediting Commission for Education in Nursing, Inc. (ACEN), 3390 Peachtree Rd. NE, Ste 1400 Atlanta, GA 30326. Phone: 404-975-5000.

The Medical Laboratory Technician program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) Board of Directors.

The Otero Law Enforcement Training Academy follows the Peace Officers Standards and Training guidelines. POST certification testing is scheduled at the end of each law enforcement academy. During each academy, Otero instructors administer various levels of certification and testing based on current POST guidelines.

LOCATION

La Junta is in the Central Arkansas River Valley on U.S. Highway 50 in southeastern Colorado. It is the county seat of Otero County and has a population of about 7,000. Located in a rich, irrigated farming community, it also has several manufacturing industries. Major employers in the area include Oliver Manufacturing, DeBourgh Manufacturing Company, Southeast Colorado Power, Falcon Industries, Arkansas Valley Regional Medical Center, and Lewis Bolt and Nut. La Junta is also a hub for livestock and produce markets.

The people of La Junta support many churches, fraternal organizations, and service clubs. The public library, financed by the city and by endowment, is one of the outstanding institutions of its kind in southeastern Colorado.

The cultural interests of the city are reflected in the programs of the Community Concert series, numerous art exhibits, the Koshare Indian Museum, The Picketwire Players theatre group, various creative writing and art groups, and community club programs.

City parks, located near the college, provide varied recreational facilities. Basketball, tennis courts, and a skateboard facility are open at any time. Numerous picnic and outdoor recreation facilities are available at the historic City Park, located just four blocks north of the college.

Common Student Code of Conduct

General Regulations of the College

Students are expected to conduct themselves in a responsible manner both on and off campus and to maintain a high standard of moral conduct.

Students are expected to manifest attributes required of good citizens, both within and outside the boundaries of the college: respect for order, morality, personal honor, and the rights of others.

It is understood that students who enroll at Otero College will assume the responsibilities involved by adhering to the regulations of the college.

Otero College and the Colorado Community College System Student Behavior Expectations & Responsibilities

The College considers the behavior described in the following subsections as inappropriate and in opposition to the values of the College community. These responsibilities apply to all students including continuing education. The College encourages and expects students, faculty, and staff to engage as active bystanders and report to College officials incidents that involve the following behaviors. Any student found to have violated or to have attempted to violate the following responsibilities may be subject to the conditions, restrictions, and outcomes outlined in SP 4-30a, Student Behavior Expectations and Responsibilities Resolution Procedure.

The following section is organized alphabetically by violation followed by an explanation:

Abuse of Conduct Process: Abuse or interference with College processes, including conduct and academic integrity meetings:

- Falsification, distortion, or misrepresentation of information.
- Failure to provide, destroying, or concealing information during an investigation of an alleged Code violation.
- Attempting to discourage an individual's proper participation in, or use of, the campus conduct system.
- Inappropriately influencing any member of the campus community with conduct authority prior to, during, and/or following a campus conduct proceeding.
- Influencing or attempting to influence another individual to commit an abuse of the campus conduct process.

Academic Integrity: Plagiarizing, cheating, or committing any other form of academic misconduct including, but not limited to, unauthorized collaboration, falsification of information, and/or helping someone else violate reasonable standards for academic behavior. Students who engage in any type of academic dishonesty are subject to both academic consequences as determined by the instructor and to outcomes as set forth in the Student Behavioral Expectations and Responsibilities Resolution Procedure.

- Cheating: The act of using or attempting to use an examination or other academic work, material, information, or study aids which are not permitted by the instructor. Cheating includes, but is not limited to:
 - Using books, notes, or calculators or copying from or conversing with others during examinations (unless such external aids are permitted by the instructor).
 - Having someone else do research, write papers, or take examinations for someone else.

- Submitting work completed in one class to fulfill an assignment in another class without prior approval from the instructor(s).
- Stealing, distributing, selling, and buying tests or having someone take an exam on someone else's behalf.
- **Fabrication:** The invention of material or its source and its use as an authority in academic work. Fabrication includes, but is not limited to:
 - Inventing the data for a scientific experiment.
 - Inventing the title and author of a publication in order to use the invented publication as a source.
 - Knowingly attributing material to an incorrect source.
- **Plagiarism:** The act of using someone else's work without giving proper credit to the original source. The work can be written, artistic, musical, language, symbols, or media. Reusing one's own work without proper citation (or approval of instructor) is also plagiarism.

Aiding and Abetting: It is a violation of this Code to actively assist another in violating the Code or covering up the violation after the fact.

Alcohol/Drugs: Use, being under the influence, manufacturing, possession, cultivating, distribution, purchase, or sale of alcohol and/or drugs (illegal and/or dangerous or controlled substance) and/or alcohol/drug paraphernalia while on College-owned or College-controlled property, and/or at any function authorized or supervised by the College, and/or in state owned or leased vehicles.

Animals/Pets: Animals are not permitted on campus except as permitted by law or as specifically approved by the College.

- Please see SP 4-120b, regarding Student Disability Services for information related to service animals and emotional support animals.
- Please see the appropriate handbook for regulations and processes for animals and pets in student housing, where applicable.

Bullying/Non-physical abuse: Bullying includes repeated and/or severe aggressive or negative actions or behaviors intentionally or reasonably likely to intimidate, hurt, control, or diminish another person, physically, mentally, or emotionally. Bullying may include direct or indirect communications in verbal or nonverbal form and specifically includes bullying by electronic means (e.g., cyberbullying).

- For more information and compliance, see SP19-10, Bullying/Violence/Firearms on Campus.

Damage and Destruction: Reckless and/or unauthorized damage to, or destruction of, College property or the individual property of another, regardless of intention. Damage or destruction of community, public, or private property.

Deceitful Acts: Engaging in deceitful acts, including, but not limited to: collusion, forgery, falsification, alteration, misrepresentation, non-disclosure, or misuse of documents, records, identification and/or educational materials.

- Collusion: Action with another or others to violate the Code.
- Falsification: Knowingly furnishing or possessing false, falsified, or forged materials, documents, accounts, records, identification, or financial instruments, including electronic forgery and/or manipulation.

Discrimination and Harassment: Discrimination is any distinction, preference, advantage, or detriment given to a person based on one or more actual or perceived protected classes. Harassment is a form of discrimination that includes Quid Pro Quo and Hostile Environment.

- Hostile Environment occurs when a person is subjected to verbal or physical conduct based on a protected class that is sufficiently severe, persistent or pervasive, and objectively offensive to alter the conditions of a person's employment or unreasonably interfere with a person's ability to participate in or benefit from CCCS educational programs or activities, from both a subjective and objective viewpoint.
- Quid Pro Quo is a type of sexual harassment that exists when an employee conditions the provision of an aid, benefit, or service on an individual's participation in unwelcome sexual conduct, such as unwelcome sexual advances, requests for sexual favors, or other verbal or physical conduct of a sexual nature.
- Sexual harassment includes, but is not limited to, dating violence, domestic violence, stalking, and sexual assault.
- For more information and how to file a complaint regarding discrimination or harassment, including sexual misconduct, see SP 19-60, Civil Rights and Sexual Misconduct Resolution Process.

Disruptive Behavior: Engaging in any behavior that negatively affects or impedes teaching or learning (regardless of mode of delivery or class setting) or disrupts the general operation of the College.

Endangerment or Defacement: Conduct that is detrimental to the College, and/or to community safety. Examples include, but are not limited to, slamming doors, throwing chairs, and/or defacing of College property or property of others.

Failure to Comply:

- Failure to comply with or follow the lawful directives of College employees acting within the scope of their duties, including those directives issued by a College administrator to ensure the safety and well-being of others.
- Failure to comply with or follow the directives and/or sanctions imposed under CCCS policies and procedures.
- Failure to identify oneself to College officials, acting in their official capacity, when requested to do so.

Fire Safety: Violation of federal, state, local, or campus fire policies including, but not limited to:

- Intentionally, recklessly, or negligently causing a fire that damages the College, individual property, or causes injury.
- Failure to evacuate a College owned, operated, or controlled facility during a fire alarm.
- Improper use of College fire safety equipment.
- Tampering with or improperly engaging a fire alarm or fire detection/control equipment while on College property. Such action may result in a criminal action.

Gambling: Gambling as prohibited by the laws of the State of Colorado. Gambling may include, but is not limited to, raffles, lotteries, sports pools, and online betting activities. Participation in illegal gambling activities on College-owned or College-controlled property, and/or any function authorized or supervised by the College, and/or in state owned or leased vehicles.

Harm to individuals: Intentionally or unintentionally causing physical harm, threatening to cause harm, endangering the health and/or safety of any individual, or demonstrating violent behavior.

- Violent Behavior includes any act or threat of physical, verbal or psychological aggression, or the destruction or abuse of property by any individual.
- A threat is defined as direct or indirect, verbal or non-verbal conduct (including those made in person, by mail, over the telephone, by email, or by other means) intended to result or reasonably resulting in intimidation, harassment, harm, fear or endangerment of the safety of another person or property.
- For more information and compliance, see SP 19-10, Bullying/Violence/Firearms on Campus. <https://cccs.edu/about/governance/policies-procedures/sp-19-10-bullying-violence-firearms-on-campus/>

Hazing: Defined as an act that endangers the psychological, emotional, intellectual, and/or physical health and/or safety of a student, or that destroys or removes public or private property, for the purpose of initiation, admission into, affiliation with, or as a condition for continued membership in a group, team, or organization. Additionally, any act that places a student in a subservient role within an organization is considered hazing. Participation or consensual cooperation by the individual(s) being hazed does not excuse the violation. Failing

to intervene to prevent, failing to discourage, and failing to report those acts may also violate this code.

Indecent Exposure: Deliberately and publicly exposing one's intimate body parts, public urination, defecation, and public sex acts.

Retaliation: Retaliatory acts include, but are not limited to intimidation, verbal or physical threats, harassment, coercion, or other adverse action(s) against a person who reports an incident of misconduct.

Rioting: Causing, inciting, or participating in any disturbance that presents a clear and present danger to self or others, causes physical harm to others, or results in damage and/or destruction of property.

Theft: Obtaining, retaining or exercising control over property of another without authorization, or by threat or deception, with the purpose and/or effect of depriving the person(s) to whom the property belongs of its use or benefit.

Tobacco Violation: Smoking and the use of tobacco and related products, including electronic smoking, where contrary to applicable laws or policies established by the College. This includes smoking inside buildings or in areas where smoking is posted as prohibited.

Trademark Violation: Unauthorized use, including misuse, of the College or organizational names and images without the express written consent of the institution or organization.

Unacceptable Use of College Equipment, Network or System: Unacceptable uses of any College-owned or operated equipment, network or system including, but not limited to: knowingly spreading computer viruses; reposting personal communications without the author's consent; copying protected materials; using the network for financial or personal gain, commercial activity, or illegal activity; accessing the network using another individual's account; unauthorized downloading/uploading software and/or digital video or music; downloading/uploading, viewing or displaying pornographic content, or any other attempt to compromise network integrity. For more information, see SP 4-32, Student Email Acceptable Use.

Unauthorized Access and Entry: Unauthorized access to any College facility, including misuse of keys, cards, restricted access areas, or unauthorized possession, duplication or use of other individual's means of access to any College facility; failing to provide a timely report of a lost College identification card or key; misuse of access privileges to College premises or unauthorized entry to or use of facilities, including trespassing, propping, or unauthorized use of alarmed doors for entry into or exit from a College facility.

Violation of Laws, Directives and Signage: Violating any municipal, county, state or federal laws, or executive orders, or violating any public health orders in a manner that adversely impacts the health and well-being of the campus environment and those on campus.

Weapons Violation: Possession, use, or distribution of explosives (including fireworks and ammunition), guns (including air, BB, paintball, facsimile weapons, and pellet guns), or other weapons or dangerous objects, such as arrows, axes, machetes, nunchaku, throwing stars, or knives with a blade of longer than three (3) inches. This includes the unauthorized storage of any item that falls within the category of a weapon, including storage in a vehicle parked on College property, other than what is expressly permitted by law.

- Possession of an instrument designed to look like a firearm, explosive, or dangerous weapon is also prohibited by this policy.
- Intentionally or recklessly using and/or possessing a weapon or any other item in such a way that would intimidate, harass, injure, or otherwise interfere with the learning and working environment of the College shall face increased consequences.
- Students, faculty, and staff possessing valid Colorado Concealed Handgun Licenses are not permitted to carry concealed on campus. Please refer to state law for more details.
- For more information and compliance, see SP 19-10, Bullying/Violence/Firearms on Campus. <https://cccs.edu/about/governance/policies-procedures/sp-19-10-bullying-violence-firearms-on-campus/>

Violation of course, program, or activity rules: Violation of established rules as contained in courses, programs activities, regulations, or guidelines and established by departments, regulatory boards, or licensing bodies, including all Housing and Residential Education policies, as applicable.

Group Violations: A student group or organization and its officers and membership may be held collectively and individually responsible when violations of this Code occur by the organization or its member(s), including the following conditions:

- Violation(s) take place at organization-sponsored or co-sponsored events, whether sponsorship is formal or implied.
- Violation(s) have received the consent or encouragement of the organization or of the organization's leaders or officers.
- Violation(s) were known or should have been known to the membership or its officers.

Conduct meetings for student groups or organizations shall also follow the Student Behavioral Expectations and Responsibilities Resolution Procedure. In any such action, individual determinations as to responsibility will be made and restrictions, conditions, and outcomes may be assigned collectively and individually, and will be proportionate to the involvement of

each individual and the organization. Procedures will begin with communication to the President or leadership of said organization.

Amnesty

Assisting an individual by calling for help in an alcohol or drug-related emergency means neither the person who calls for help, nor the person who needs help will be subject to formal investigation nor receive a formal conduct record for their behavior. Students seeking assistance under these provisions may be required to meet with the SSAO and to complete educational, counseling, or other requirements aimed at addressing health and safety concerns. The requirements will be informal or on a deferred basis.

The student must fully comply with reporting to appropriate College officials for amnesty to be considered.

Class Attendance

Regular attendance at all class meetings and laboratory sessions is required of all students. College policy provides that at the instructor's discretion a student's grade may be lowered one letter grade after three unexcused absences. Students should always notify faculty and/or instructors of absences beforehand if possible.

Serious illness, death in the family, or participation in college-sponsored activities are examples of conditions for receiving an excused absence. Arrangements for excuses are to be made between the student and the instructor. In case of extended absences, the Office of Student Affairs should be notified.

All students must attend at least one class after registration within the first 5 days of any semester, or they will be administratively dropped from the course (s).

Students who are absent from classes are responsible for making arrangements to make up the work missed.

Final Tests – Students are required to take all final exams at the time posted by the individual instructor for each individual class. Students should not ask to take final exams at any other time unless in the case of extreme emergency. If a student has a situation that may warrant an exam time change, the student needs to contact the instructor of the class.

Student Right to Know & Campus Security

The Student Right-to-Know and Campus Security Act of 1990, (Title I of Public law 101-542) is a federal law that requires institutions of higher education receiving federal assistance to make

available several key points of information. For additional data and information please visit <https://nces.ed.gov/collegenavigator/?q=Otero+College&s=all&id=127778#netprc>.

1. Overall graduation and transfer-out rates for students who began their studies in Fall 2020. The percentage of Full-time, First-time, degree-seeking students who enrolled at Otero College in the Fall of 2020 and who graduated or transferred out within 150% of “Normal Time” to completion is 37% overall and 37% that transferred to a Colorado 2-year or 4-year institution. This does not include students who continue to be enrolled at Otero College.
2. Otero College Retention Rate: The retention rate for the 2021 cohorts are as follows: Full-time 56%, Part-time 50%.
3. Otero College Financial Aid Rates for First-time, beginning Undergraduates:
 - \$5,919 is the average federal grant received by Otero College students.
 - \$1,959 is the average state and local grants received by Otero College students.
 - \$6,079 is the average institutional grant received by Otero College students.
 - \$4,742 is the average loan amount taken out by Otero College students.

Otero College Crime Awareness and Campus Security Policies and Information:

Otero College Campus Security is responsible for monitoring and recording criminal activities occurring on campus and/or to college property. In addition to traditional law enforcement responsibilities, Campus Security enforces parking regulations, maintains building security, conducts fire safety inspections, and makes frequent security checks at the residence hall. Safety and security information is provided to students and college staff through bulletins, crime alerts, posters, and brochures.

Campus Security does not have police jurisdiction over public or private property. Department staff work in close association with the La Junta Police Department, Otero County Sheriff's Department, and other federal, state, and local agencies. Arrests and apprehensions are referred to the La Junta Police Department; community fire and ambulance personnel are notified as necessary. All criminal incidents occurring on campus must be reported to Campus Security as soon as possible.

Colorado law prohibits the possession, consumption, or distribution of alcohol and controlled substances on campus.

The following information is provided in accordance with Title II of Public Law 101-542, the Crime Awareness and Campus Security Act of 1990. The full report is available in the Office of Student Affairs, printed for distribution in the Campus Safety & Security brochure.

OTERO COLLEGE CAMPUS CLERY AND VAWA STATISTICAL REPORT

| CRIMINAL OFFENSES | ON CAMPUS | | | ON CAMPUS RESIDENTIAL | | | PUBLIC PROPERTY | | | NON CAMPUS | | |
|---------------------------------------|-----------|------|------|-----------------------|------|------|-----------------|------|------|------------|------|------|
| | 2021 | 2022 | 2023 | 2021 | 2022 | 2023 | 2021 | 2022 | 2023 | 2021 | 2022 | 2023 |
| Murder and Non-Negligent Manslaughter | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Manslaughter by Negligence | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rape | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fondling | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Incest | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Statutory Rape | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Robbery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aggravated Assault | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burglary | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Motor Vehicle Theft | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arson | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Violence | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Dating Violence | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stalking | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Unfounded Crimes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

The above statistics include Otero College students and non-students.

Otero College's policy is for the immediate arrest for any Liquor Law related violations. For more information on the Otero College Campus Crime Statistics, Contact:

David Girard, Director of Physical Plant
(719) 384-6818

ALCOHOL AND DRUG POLICY

Colorado law prohibits the possession, consumption, or distribution of alcohol and controlled substances on campus. In compliance with the Drug Free Schools and Communities Amendments of 1989 (PL 101-226 in Federal Law), Otero College has developed a Drug and Alcohol Abuse Prevention Program.

Policy Statement – Students, whether full-time or part-time, shall not engage in the unauthorized or unlawful manufacture, distribution, dispensation, possession, use/abuse of alcohol and/or illicit drugs on college property or use as a part of any college activities.

Legal Sanctions for Violation of the Policy – Any student who is convicted of the above violations is subject to criminal penalties under local, state and federal law. These penalties may range in severity from a fine of up to \$100.00 to life imprisonment and/or a fine of \$8,000,000. The exact penalty assessed depends upon the nature and severity of the individual offense.

College Sanctions for Violation of the Policy – Since observation of the policy is a condition of enrollment, any violation may subject the student to appropriate disciplinary action up to and including suspension from the institution. Students may also be required to complete an appropriate rehabilitation or re-entry program as a condition for re-enrollment or continued enrollment in the college.

Associated Health Risks – Health risks associated with drug and alcohol abuse include, but are not limited to: malnutrition, brain damage, heart disease, pancreatitis, cirrhosis of the liver, mental illness, death, low birth weight babies, and babies with drug addictions.

Drug-Free Awareness Program – Although there are no alcohol/drug counseling programs on campus, the college does have referral agreements with the Southeast Mental Health Services and Region Six Alcohol and Drug Abuse Treatment Center. Referrals are made through the counseling staff working in the Office of Student Affairs in McBride Hall or the student may contact the Colorado Department of Health directly.

Possession or Use of Marijuana – Although possession and use of marijuana consistent with the requirements of the Colorado Constitution is no longer a crime in the State of Colorado, the possession or use of marijuana remains illegal under federal law. Consistent with federal law, including the Controlled Substance Act and Drug Free Schools and Communities Act, the use and/or possession of marijuana continues to be prohibited while a student is on college owned

or college controlled property, and/or any function authorized or supervised by the college and/or in state-owned or leased vehicles.

MEDICAL AMNESTY POLICY

Student health and safety are of primary concern at Otero College. As such, in cases of significant intoxication as a result of alcohol or other substances, the College encourages individuals to seek medical assistance for themselves or others.

If medical assistance is sought, the Vice President of Student Affairs will not pursue conduct charges against the following individuals for violations of the College's alcohol or drug policies:

- The intoxicated student and
- Student(s) actively assisting the intoxicated student.

Actively assisting requires that an individual:

- Call La Junta Police Department (719-384-2525 or 911) or seek another individual qualified to assess the student's condition such as a Resident Hall Director or other Resident Hall professional and
- Monitor the intoxicated student's condition.

The following are not covered by the Medical Amnesty Policy:

- Students waiting until the police or other authority arrive before seeking assistance
- Action by police or other law enforcement personnel
- Violations of the Code of Conduct other than the alcohol/drugs policy
- Possession with the intent to distribute drugs

Actions by the Student Conduct Officer:

- The intoxicated student (and possibly those who were attending to/assisting the student) will be required to meet with the Vice President of Student Affairs or designee who may issue educational requirements that may include, but are not limited to, alcohol and/or drug education, counseling, and/or a substance abuse assessment.
- Serious or repeated incidents will prompt a higher degree of concern/response.

- Failure to complete the educational assignments or treatment recommendations normally will result in disciplinary action.
- The student will be responsible for any costs associated with drug or alcohol education interventions.

No individual may receive amnesty under this section more than once in a two year period. Records of all requests for assistance under this policy shall be maintained by the Vice President of Student Affairs. Participation in any program as a result of this policy shall not be noted on the student's judicial record. In the event an individual who previously utilized the Medical Amnesty Policy is involved in a subsequent alcohol-related incident, this incident and any resulting charges shall be treated as an alleged second offense.

The Medical Amnesty Policy is not intended to shield or protect those students or organizations that repeatedly violate the Code of Student Conduct. In cases where repeated violations of the Code of Student Conduct occur, the College reserves the right to take disciplinary action on a case-by-case basis regardless of the manner in which the incident was reported.

Medical amnesty applies only to alcohol or other drug-related emergencies but does not apply to other conduct violations such as assault, property damage, or distribution of illicit substances. If other violations occur, then a student will face disciplinary charges for those violations. The use/or abuse of alcohol or drugs is never considered a mitigating circumstance for any other violations of the Student Code of Conduct.

For more information, go to:

<https://otero.edu/wp-content/uploads/2024/07/MedicalAmnesty.pdf>

Title IX Compliance

TITLE IX REPORTING INFORMATION

Any person can make a report by contact the Title IX Coordinator. A report can be made at any time.

Otero College employees, unless deemed a confidential resource by law, have an ethical obligation to promptly report any incidents they are aware of concerning civil rights violations. Reports should be made within 24 hours, unless there is reasonable justification for a delay. Employees unsure of the scope of this requirement may direct their questions to the Title IX/EO Coordinator. Failure to report will be considered a violation of BP 3-70, Colorado Community College System Code of Ethics, and may result in discipline, up to and including termination. All other individuals affiliated with CCCS are strongly encouraged to report civil rights violations. Reports can be made to the following contacts:

Title IX/EO Coordinator
Mike Rager
Colorado Community College System
9101 E. Lowry Blvd
Denver, Colorado 80230
(710) 858-2444
mike.rager@cccs.edu

Deputy Title IX Coordinator
Kelsey Barbee
Director of Human Resources
(719) 384-6824
kelsey.barbee@otero.edu
SCORE Center Room 140

NOTICE OF NONDISCRIMINATION

Individuals affiliated with the Colorado Community College System, including Otero College 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 or related conditions, marital status, religion, genetic information, gender identity, sexual orientation, sex characteristics, sex stereotypes, gender expression, 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.

WHAT IS TITLE IX

Title IX is a federal law passed in 1972 that states, “No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.”

RETALIATION STATEMENT

Otero College prohibits any acts of retaliation. Retaliation is defined as any adverse employment or educational action taken against a person because of the person’s participation, or perceived participation, in a complaint or investigation of discrimination and/or harassment. Retaliation also includes any act to intimidate, threaten, coerce, or discriminate against any individual for the purpose of interfering with any right or privilege provided by applicable civil rights laws, policies, and procedures.

POLICIES, DEFINITIONS, AND PROCEDURES

For more information about Otero College's policies, procedures, and definitions related to discrimination and harassment complaints, including Title IX, see:

SP 19-60a Policy: <https://cccs.edu/about/governance/policies-procedures/sp-19-60a-civil-rights-and-sexual-misconduct-resolution-process/> – after 8/1/24

SP 19-60a Policy: <https://cccs.edu/about/governance/policies-procedures/sp-19-60a-civil-rights-and-sexual-misconduct-resolution-process-prior/> – prior to 8/1/24

OUTSIDE REPORTING

Students have the right to make inquiries and/or file a complaint with:

Office for Civil Rights (OCR) U.S. Department of Education Cesar E. Chavez Memorial Building
1244 Speer Boulevard, Suite 310
Denver, CO 80204-3582
Telephone: (303) 844-5695
Facsimile: (303) 844-4303
Email: OCR.Denver@ed.gov
Web: <http://www.ed.gov/ocr>

In addition to OCR, employees have the right to make inquiries and/or file a complaint with:

Colorado Department of Regulatory Agencies (DORA)
Colorado Civil Rights Division (CCRD)
1560 Broadway
Suite 825
Denver, CO 80202
Telephone: (303) 894-2997
Facsimile: (303) 894-7570
Email: dora_CCRD@state.co.us
Web: <https://www.colorado.gov/pacific/dora/civil-rights>

United States Equal Employment Opportunity Commission (EEOC) 950 17th Street, Suite 300
Denver, CO 80203
Telephone: (800) 669-4000
Facsimile: (303) 866-1085
Web: <https://www.eeoc.gov/field-office/denver/location>

STUDENT PREGNANCY OR RELATED CONDITIONS

Employees who become aware of a student's pregnancy or related condition are required to provide the student with the contact information of the Title IX/EO Coordinator so they can coordinate specific actions to ensure the student's access to the college's educational program or activity. To request reasonable modifications for pregnancy or related conditions, contact the Title IX/EO Coordinator at the above information.

Reasonable modifications may include, but are not limited to:

- Breaks during class to express breast milk, breastfeed, or attend to health needs associated with pregnancy or related conditions, including eating, drinking, or using the restroom
- Intermittent absences to attend medical appointments
- Access to online or homebound education
- Changes in schedule or course sequence
- Extensions of time for coursework and rescheduling of tests and examinations
- Allowing a student to sit or stand or carry or keep water nearby.
- Counseling
- Changes in physical space or supplies (for example, access to a larger desk or a footrest)
- Elevator access
- Other changes to policies, practices, or procedures
- For more information about the college's policy regarding pregnancy or related conditions, contact the Title IX/EO Coordinator.

SUPPORTIVE MEASURES

"Supportive Measures" are non-disciplinary, non-punitive individualized services offered as appropriate, as reasonably available, and without fee or charge to the Complainant or the Respondent before or after the filing of a formal complaint or where no complaint has been filed. Such measures are designed to restore or preserve equal access to educational and employment programs and/or activities without unreasonably burdening the other party, including measures designed to protect the safety of all parties or the educational/employment environment or deter sexual harassment. Supportive measures may include (but not limited to):

- Counseling
- Reporting to law enforcement
- Extensions of deadlines or other course-related adjustments
- Modifications of work or class schedules
- Campus escort services
- Mutual restrictions on contact between the parties
- Changes in work or housing locations
- Leaves of absence
- Increased security and monitoring of certain areas of the campus

- Other similar measures

For more information about supportive measures, contact the Title IX/EO Coordinator

STUDENT DISCIPLINARY AND GRIEVANCE PROCEDURES

Students are expected to adhere to the Student Code of Conduct and policies and procedures of the College and if students are charged with violating this College's code, they are entitled to have these procedures followed in the consideration of the charge. Copies of the Student Behavioral Expectations & Responsibilities Resolution Procedure are available from the Vice President of Student Affairs or go to <https://cccs.edu/about/governance/policies-procedures/sp-4-30a-student-behavioral-expectations-and-responsibilities-resolution-procedure/>

The Student Grievance Procedure is intended to allow students an opportunity to present an issue which they feel warrants actions, including the right to secure educational benefits and services without regard to 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. Copies of the Student Grievance Procedure are available from the Vice President of Student Affairs or go to <https://cccs.edu/policies-and-procedures/system-presidents-procedures/sp-4-31a-student-complaint-procedure/>

If the basis of the claim is discrimination and/or harassment based on federal or state civil rights laws, the student must file a grievance under the Civil Rights Grievance and Investigation Process. If the accused (respondent) is a student or Otero employee, please refer to SP 19-60a. Copies of the policies can be viewed at <https://www.otero.edu/about/policies-procedures/>

DISTANCE EDUCATION GRIEVANCE AND APPEAL PROCEDURES

A student taking any Otero College courses who has a complaint about her or his experience with Otero College has two options:

- The student can follow Otero College's process for student complaints, which is located in this document.
- The student may also contact the Higher Learning Commission, which is Otero's accrediting agency, at the following web link: Complaints: Higher Learning Commission

Students who reside outside of Colorado while attending Otero College in many cases can file a complaint in the state where they are residing.

Before exercising either of the above options, students should know that most (if not all) external complaint processes require that the student exhaust all avenues of complaint internal to the institution before they will consider a grievance.

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) A quality general education experience that develops competencies in reading, writing, mathematics, technology and critical thinking through an integrated arts and science experience;
- b) Students should be able to complete their associate of arts and 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;
- c) 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;
- d) Students have a right to clear and concise information concerning which courses must be completed successfully to complete their degrees;
- e) Students have a right to know which courses are transferable among the state public two-year and four-year institutions of higher education;
- f) Students, upon completion of core general education courses, regardless of the delivery method, should have those courses satisfy the core course requirements of all Colorado public institutions of higher education;
- g) Students have a right to know if courses from one or more public higher education institutions satisfy the students' degree requirements;
- h) 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.

SEXUAL HARASSMENT STATEMENT

Sexual harassment is a violation of federal law, a violation of professional ethics, and a form of discrimination. It is the policy of Otero College that unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of sexual nature constitute sexual harassment when: (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual's employment or educational opportunity; (2) submission to or rejection of such conduct by an individual is the basis for employment or educational decisions affecting such individuals; or (3) such conduct has the purpose or effect of unreasonably interfering with an individual's work or educational performance, creating an intimidating, hostile, or offensive working or learning environment. Such conduct will not be tolerated. Substantiated charges will result in disciplinary action. Questions or complaints

should be directed to the Director of Human Resources, McDivitt Rm 140, or 719-384-6824. For more information go to: <https://www.otero.edu/about/policies-procedures/>

CAMPUS SEX CRIME PREVENTION ACT

The Campus Sex Crime Prevention Act, and Colorado Law, provides a way to track convicted sex offenders. Post-secondary institutions are required to issue a statement advising the campus community where law enforcement agency information may be obtained concerning registered sex offenders. (C.R.S. 23-5-125). Information may be obtained by contacting the La Junta Police Department at: 601 Colorado Ave. La Junta, CO 81050, 719-384-2525.

CONFIDENTIAL RESOURCES

On Campus Resources

Mental Health Counselor
Danya Herrell
(719) 384-6945
danya.herrell@otero.edu
Learning Commons 117

Off Campus Resources

ValleyWide Health Services

711 Barnes Avenue – La Junta, CO 81050 (719) 384-5446 – <https://valley-widehealth.org/our-services/behavioral-health-services/>

Arkansas Valley Resource Center and Otero College have come together to collaborate to serve victims of violent crimes. Arkansas Valley Resource Center serves victims of domestic violence, dating violence, sexual assault, stalking and all other victims of violent crime. Arkansas Valley Resource Center will provide safety planning, peer counseling, advocacy, info/support, assistance with victim's compensation and victim's rights to Otero College students upon direct student request, or by referral from Otero College staff or faculty. Referrals will be made when necessary to other networking agencies.

Victims of sexual offenses can also be seen confidentially through the Arkansas Valley Resource Center.

Arkansas Valley Resource Center, Inc.

PO BOX 716
415 Colorado Ave La Junta, CO 81050
24/7 Hotline (719) 384-7764
Fax (719) 384-1938
TTD (719) 384-1938
www.arkansasvalleyresourcecenter.org

24/7 National Sexual Assault Hotline

RAINN – 1-800-656-HOPE

<https://rainn.org/resources>

IMMEDIATE MEDICAL ATTENTION, PRESERVATION OF EVIDENCE STATEMENT & SANE EXAMINATION:

If you are a victim of a sexual assault, you may decide to request a medical forensic exam from a Sexual Assault Nurse Examiner (SANE) to preserve evidence that may be used for the purposes of legal action. While you do not need to decide immediately if you want to report to law enforcement or pursue legal action, the preservation of evidence is most effective when done immediately after an assault. It is ideal to obtain medical treatment as soon as possible before bathing, showering, douching, or changing clothes. There is no cost to the exam. You may go to the following emergency room providers to request a SANE exam:

Parkview Medical Center 400 West 16th Street Pueblo, CO 81003 phone: 719-584-4400.

If you do not have transportation to the facility, you may contact a friend or family member, or Arkansas Valley Resource Center at 719-384-7764. Any cost for transportation is the responsibility of the student.

Victims who chose to have a medical forensic examination done are not obligated, at any time, to participate in a law enforcement investigation or any criminal justice response along with any administrative proceedings with the College. If you have further questions, please contact the Deputy Title IX/EO Coordinator.

TRAINING MATERIALS

For information about obtaining training materials for Coordinators, Informal Resolution Facilitators, Investigators, Decision-Makers, and Appeals, please contact the Title IX/EO Coordinator.

Building Evacuation & Traffic Regulations

BUILDING EVACUATION

Do not ignore fire alarms. Notify the Otero Physical Plant at 719-384-6818. If you see smoke, immediately call 911. Instructors should take charge of the classroom. Direct all room occupants to evacuate the classroom in a safe and orderly fashion. Be familiar with the classroom and building exits. Refer to the Evacuation Plans that are posted in all campus buildings. Exit the building through the nearest corridor away from smoke or fire. Some classrooms have direct exits to the outside. Do not exit the building through a storage area. Do

not use the elevator. Remain as a group outside the building until the source of the alarm condition has been verified by a Physical Plant employee. Re-enter the building once clearance has been given by a Physical Plant employee, police, or fire authority.

CAMPUS TRAFFIC REGULATIONS

Students and college employees are expected to observe posted campus traffic regulations. The maximum speed permitted is 15 MILES PER HOUR, and vehicles are to park only in the designated areas on the campus. [OBJ]

Guidelines for Degree Programs & Certificates

GUIDELINES

A student's career and technical education objective and academic educational objectives require careful planning. Students who change majors may take longer to graduate or may transfer with a loss of credit. The following degree programs can be completed in four semesters by attending full-time and carrying the required number of hours. A student may choose, due to personal circumstances, to extend the amount of time for completion.

***Associate Degree 4-Year Alignment**

Associate of Arts Degree & Associate of Science Degree

Associate Degree 2-Year

Associate of Applied Science Degree & Associate of General Studies Degree

** Students who intend to earn a baccalaureate degree should plan their course work to meet the requirements of the Associate of Arts Degree or the Associate of Science Degree. Planning should include the general education requirements, courses in major and minor fields, and electives to best prepare the student for continued study at a selected 4-year college or university.*

GENERAL EDUCATION

In establishing general education requirements, it is the goal of Otero College to assist students in gaining a more meaningful and productive awareness of the world and themselves. In addition, it is anticipated that this assistance will instill a desire in the student to broaden knowledge regardless of plans to continue formal education.

The objectives for general education are:

- To develop ability in the skills of communication, reading, writing, listening and speaking.

- To introduce the student to certain fundamental knowledge useful to a better understanding of the world.
- To provide an acquaintance with the major areas of knowledge and an awareness of their interrelatedness.
- To assist the student to better understand the relationship to other persons and the interdependence of all people in a modern world.

Nothing in this catalog is intended to create (nor shall be construed as creating) an expressed or implied contract. The College reserves the right to modify, change, delete, or add to, as it deems appropriate, the policies, procedures, and other general information in this catalog.

GENERAL INFORMATION ON TRANSFER OF CREDITS

Students preparing themselves in any of the fields under the Associate of Arts or Associate of Science Degree curricula are generally interested in transferring to a four-year institution. Otero College staff can make transfers as smooth as possible. If students keep in mind some general observations concerning transfer, it will assist in planning a good curriculum. These general observations are:

Two general patterns of transfer exist:

- a) Those colleges and universities that accept the Associate of Arts or Associate of Science degrees, grant junior standing, waive general education requirements and require the student to fulfill course requirements for a major and minor.

NOTE: A "D" grade may not transfer to another school. A "D" negates the guarantee of the 60 + 60 transfer degree.

- b) Those colleges that evaluate all courses individually and apply them toward meeting general education requirements and require the student to fulfill individual course requirements. This type of institution may work out contract agreements with Otero and list courses to be taken before transfer, may require graduation, and may require a grade point above a "C" grade or higher.

NOTE: Credits that carry a "D" grade may be counted toward graduation at Otero; however, a "D" grade may not transfer to another school. A "D" negates the guarantee of the 60 + 60 transfer degree.

Students can usually transfer a minimum of 60 semester hours of junior college credit or one-half of the degree requirements, whichever is greater.

Baccalaureate Institutions may accept transfer credits only in those courses for which they have equivalent offerings.

A change of major may extend the time required to complete a degree.

Credits transferred are generally evaluated in the following order.

- a. General education requirements
- b. Major and minor courses
- c. Elective credits

Associate of General Studies

Students who choose to fulfill the following degree requirements will be eligible to receive the Associate of General Studies (AGS) degree.

The Associate of General Studies degree is earned by those students who complete up to half of their program in approved academic transfer courses and the remaining half in career and technical education and other academic elective courses. The Associate of General Studies degree recognizes those individuals who have completed a variety of courses in the institution without any specific major in mind. In some cases, the AGS has been used when transferring to a four-year college or university.

MINIMUM COMPETENCY STANDARDS FOR PROGRAM ADMISSION

Students desiring to enroll in the Associate of General Studies degree program must meet or exceed the following entrance examination scores:

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

Students should refer to their specific Associate of Applied Science requirements as listed in the catalog. Specific program admission and course requirements differ for different programs. The listing of a course or program in this, or any other college publication does not constitute a guarantee, nor contract, that the course or program will be offered during the time listed. All courses or programs are subject to scheduling changes or cancellations. Every effort will be made to inform students of such changes and/or cancellations.

ASSOCIATE OF GENERAL STUDIES DEGREE COURSES GUIDELINE

| Credit Hours | Available Courses |
|--------------|-------------------|
| | |

| | | |
|-----------------------------|---|--|
| (Written) Communication | 3 | BUS 2017 ENG 1015 ENG 1021, 1022 ENG 1031 ENG 2021, 2022 COM 1150 COM 1250 |
| Mathematics, | 3 | MAT 1120 MAT 1140 MAT 1240, 1340 MAT 1420 MAT 1400 MAT 1260 MAT 1220, 1230 MAT 2410, 2420, 2430 |
| Arts & Humanities | 3 | ART 1113 ART 1110 ART 1111, 1112 ART 1201, 1202 ART 1002 ART 1005 ART 1301 ART 1302 ART 1075, 2075 HUM 1003 HUM 1015 HUM 1021, 1022, 1023 LIT 1015, 2001, 2002 LIT 2005 LIT 2011, 2012, 2021, 2022 LIT 2025, 2030 LIT 2055 MUS 1010, 1020, 1021 PHI 1011, 1012, 1013 SPA 1011, 1012 SPA 2011, 2012 THE 1005 |
| Natural & Physical Sciences | 3 | AST 1110, 1120 BIO 1005, 1006 BIO 1111, 1112 BIO 2101, 2102 BIO 2104, 2116, 2121 CHE 1011, 1012 CHE 1111, 1112 CHE 2111, 2112 ENV 1010, 1111 GEY 1111 GEY 1112 HWE 1050 PHY 1105 PHY 1111, 1112 PHY 2111, 2112 SCI 1105 |

| | | |
|---------------------------------------|---|--|
| SCI 1055, 1056 | | |
| Social & Behavioral Sciences | 3 | HIS 1310, 1320 HIS 1210, 1220 HIS 2135 ECO 2001, 2002 JOU 1005 PSC 2020, 2005 PSC 1011 PSC 1025 GEO 1005 ANT 1001, 1003 PSY 1001, 1002 PSY 2331, 2440 PSY 2441 PSY 2552 SOC 1001, 1002 SOC 2031 CRJ 1010 |
| Academic Electives: 15 credits | | |

All courses not used to meet the general education requirements can be used as academic electives.

Career & Technical / Other Academic Electives: 30 credits

The student may complete an additional 30 semester hours of career and technical education prefixed courses or other academic electives in order to satisfy this component of the degree program.

Academic Requirements

- A. Earn a minimum 2.00 cumulative grade point average from Otero College.
- B. Complete a minimum of 15 semester hours at Otero College.
- C. Complete a minimum of 60 semester hours as outlined in the above course requirements for the Associate of General Studies Degree.
- D. Successfully complete all career and technical education program courses chosen with a minimal grade of "C" in each course
- E. Complete the application for graduation form by January 31 of the Spring Semester or October 30 of the Fall Semester.
- F. Be enrolled in Otero College classes for the semester in which a student intends to graduate.

- G. Complete the requirements for graduation in effect at the time of first-time enrollment.
(NOTE: Students who failed to be enrolled for two semesters or more will be required to complete all degree requirements in effect at the time of re-enrollment.)
- H. Meet all financial obligations to the College.

Associate of Applied Science

The primary purpose of the Associate of Applied Science Career and Technical Education (CTE) programs at Otero College is to prepare students with skills necessary to obtain entrance level employment in the field of their educational program. These programs are designed so most students can complete them in two years of fulltime study.

Training includes job skill development and the related technical information necessary for the level or job competency which is the stated goal of each program. These programs vary widely in the technical information and skill levels required of students. Entering students should consult with advisors as to the academic background and proficiency required in a specific program.

Students receiving the Associate of Applied Science Degree must satisfactorily complete a minimum of 15 semester hours of general education courses. This requirement is to fulfill the requirements of the Colorado Legislature, the Colorado Commission on Higher Education, and the State Board for Community Colleges and Occupational Education, as well as the goals of the College.

Students should meet with their advisor each semester in order to plan the proper sequencing and kinds of courses needed in order to graduate with an Associate of Applied Science degree.

MINIMUM COMPETENCY STANDARDS FOR PROGRAM ADMISSION

Students desiring to enroll in an Associate of Applied Science degree program must meet or exceed the following entrance examination scores:

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

NOTE: While these programs are designed to prepare students for immediate employment and not transferable by design, certain career and technical education courses that are the equivalent of college level academic course offerings may be accepted by some college disciplines if the student later decides to transfer to a four-year institution.

Program Requirements

- A. Maintain at least a 2.00 cumulative grade-point average from Otero College.
- B. Complete at least 15 semester hours at Otero College.
- C. Complete a minimum of 60 semester credits.
- D. Successfully complete all career and technical education program courses chosen with a minimal grade of "C" in each course of the prescribed curriculum.
- E. Complete the application for graduation form by January 31 of the Spring Semester or October 30 of the Fall Semester.
- F. Be enrolled in Otero College classes for the semester of intended graduation.
- G. Complete the requirements for graduation in effect at the time of first-time enrollment.
(NOTE: Students not enrolled for two semesters are required to complete all degree requirements in effect at the time of re-enrollment.)
- H. Meet all financial obligations to the College.

Associate of Arts

Students who fulfill the following degree requirements will be eligible for the Associate of Arts degree. The Associate of Arts degree program is normally utilized by those students planning to transfer to a four-year institution at the completion of two years at Otero College to complete their Bachelor of Arts degree.

MINIMUM COMPETENCY STANDARDS FOR PROGRAM ADMISSION

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

GRADUATION EXPECTATIONS

The Colorado Community College System's (CCCS) colleges have adopted a set of guidelines to define the conditions under which a student can expect to graduate with an Associate of Arts or an Associate of Science degree in two calendar years. The Academic Advising Center at each individual CCCS community college can provide additional information. The CCCS colleges guarantee that a student will be able to complete all course work necessary to earn an AA or an AS degree from a specific CCCS college in 60 credit hours and in 24 months. Students must satisfy all the conditions described below to be eligible for this guarantee:

1. Enroll at the same community college for at least four consecutive semesters, excluding summer.
2. Register within one week of the beginning of registration for each semester.

3. Have completed all required remedial coursework before beginning the count of two years to degree completion.
4. Enroll in and pass (with a C or better in each course) an average of 15 credit hours in coursework that applies to the AA/AS in each four consecutive semesters.
5. Obtain a recommended plan of study for the AA or AS degree plan of study, signed by the student and community college advisor, prior to registration for the second semester, and according to the requirements of the students' community college.
6. Follow the signed plan of study.
7. Continue with the same degree (AA or AS) from entrance to graduation.
8. Retain documentation demonstrating that all the above requirements were satisfied. (Advising records, transcripts, etc.).

ASSOCIATE OF ARTS – GENERAL EDUCATION CORE

To earn an A.A. degree, a student must complete the specified number of Guaranteed Transfer (GT) Pathways general education courses in Written and Oral communication, Math, Arts and Humanities, Social and Behavioral Sciences, and Natural and Physical Sciences, to total 37 credits, as listed on the chart on the following page. In addition, the student completes 23 credits of electives.

ACADEMIC AND RELATED REQUIREMENTS

- A. Earn a minimum 2.00 cumulative grade point average from Otero College.
- B. Complete a minimum of 15 semester hours at Otero College.
- C. Complete a minimum of 60 semester hours as outlined in the above Course Requirements for the Associate of Arts Degree.
- D. Complete with a grade of "C" or higher all required courses (38/39 semester credit hours) that are to be counted towards the general education core curriculum.
- E. Complete the application for graduation form by January 31 of the Spring Semester or October 30 of the Fall Semester.
- F. Be enrolled in Otero College classes for semester of intended graduation.
- G. Complete the requirements for graduation in effect at the time of first-time enrollment. (NOTE: Students not enrolled for two semesters are required to complete all degree requirements in effect at the time of re-enrollment.)
- H. Meet all financial obligations to the College.

GRADUATION RESTRICTIONS

- A. May not use Basic Skills courses (those numbered below the general education core curriculum) toward the degree program.
- B. May not apply career and technical education courses toward the degree program other than those specified above.

Core requirements = 37 credits Elective requirements = 23 credits

AA Degree Total = 60 credits (100 level or higher)

*Remedial courses, (courses below 100 level) do not count toward graduation requirements

PLEASE NOTE: Some degrees may exceed the typical 60 credit hours required to successfully graduate.

ASSOCIATE OF ARTS DEGREE COURSES GUIDELINE

| | Credit Hours | Available Courses |
|-------------------------|--------------|---|
| (Written) Communication | 9 | ENG 1021 ENG 1022 COM 1150 or 1250 |
| Mathematics | 3 | MAT 1240 MAT 1340 MAT 1420 MAT 1400 MAT 1260 MAT 2410 MAT 2420 |
| Arts & Humanities | 6 | 2 GT courses from 2 different categories (AH1-AH4) Category One: ART 1110 ART 11112 1112 MUS 1020,1021 MUS 1022 MUS 1025 THE 1005 Category Two: HUM 1003 HUM 1015 HUM 1021,1022,1023 LIT 1015 LIT 2001, 2002 LIT 2005 LIT 2011, 2012 LIT 2021, 2022 LIT 2025 Category Three: PHI 1011 PHI 1012 PHI 1013 Category Four: SPA 2011, 2012 |

| | | |
|------------------------------|---|---|
| Natural & Physical Sciences | <p>7 credits or 2 GT courses with at least one w/lab</p> <p>An ANT1005 course taken BEFORE the 201610 semester will still count as a CORE Social & Behavioral Science (SS3) course.</p> | AGY 2140 ANT 1005 AST 1110 AST 1120 BIO 1004, 1005 BIO 1111, 1112 BIO 2101, 2102 BIO 2104 CHE 1011, 1012 CHE 1111, 1112 ENV 1010, 1111 GEY 1111, 1112 GEY 1155 PHY 1105 PHY 1111, 1112 PHY 2111, 2112 SCI 1105 |
| Social & Behavioral Sciences | 6 | <p>2 GT courses from any category (SS1-SS3)</p> <p>Category One:</p> AGE 1102 ECO 2001, 2002 PSC 2020 PSC 1011 PSC 1025 PSC 2005 <p>Category Two:</p> GEO 1005 <p>Category Three:</p> AGR 2160 ANT 1001 ANT 1003 CRJ 1010 PSY 1001, 1002 PSY 2331, 2440 PSY 2441, 2552 SOC 1001, 1002 SOC 2031 |
| History | 3 | HIS 1310, 1320 HIS 1210, 1220 HIS 2135 |

Academic Electives: 23 credits

Arts & Humanities / Social & Behavioral Science / History: 3 additional credits

Associate of Science

Students who choose to fulfill the following degree requirements will be eligible to receive the Associate of Science degree. The Associate of Science degree program is normally utilized by those students planning to transfer to a four-year institution at the completion of two years at Otero College in order to complete their Bachelor of Science degree.

MINIMUM COMPETENCY STANDARDS FOR PROGRAM ADMISSION

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

GRADUATION EXPECTATIONS

The Colorado Community College System's (CCCS) colleges have adopted a set of guidelines to define the conditions under which a student can expect to graduate with an Associate of Arts or an Associate of Science degree in two calendar years. The Academic Advising Center at each individual CCCS community college can provide additional information. The CCCS colleges guarantee that a student will be able to complete all course work necessary to earn an AA or an AS degree from a specific CCCS college in 60 credit hours and in 24 months. Students must satisfy all the conditions described below to be eligible for this guarantee:

1. Enroll at the same community college for at least four consecutive semesters, excluding summer.
2. Register within one week of the beginning of registration for each semester.
3. Have completed all required remedial coursework before beginning the count of two years to degree completion.
4. Enroll in and pass (with a "C" or better in each course) an average of 15 credit hours in coursework that applies to the AA/AS in each four consecutive semesters.
5. Obtain a recommended plan of study for the AA or AS degree plan of study, signed by the student and community college advisor, prior to registration for the second semester, and according to the requirements of the students' community college.
6. Follow the signed plan of study.
7. Continue with the same degree (AA or AS) from entrance to graduation.
8. Retain documentation demonstrating that all the above requirements were satisfied. (advising records, transcripts, etc.)

ASSOCIATE OF SCIENCE – GENERAL EDUCATION CORE

Students who complete an Associate of Science degree are guaranteed to transfer 60 credit hours of courses required for the degree to a four-year school once they have been accepted for admission. Students who follow this plan should be able to finish a Bachelor of Science degree within another 60 credit hours.

The primary distinguishing characteristic of an Associate of Science degree that differentiates it from an Associate of Arts degree is that the A.S. requires 12 credits or three courses in natural and physical sciences with labs. Two of these three courses must be sequential. For example, a student might choose to take the sequence AST 1110: Planetary Astronomy with Lab (4 credits), and AST 1120: Stellar Astronomy with Lab (4 credits). This student could then complete the Natural and Physical Sciences requirement by taking Geology 1111: Physical Geology with Lab (4 credits), for a total of three courses and 12 credits.

ACADEMIC AND RELATED REQUIREMENTS

- A. Earn a minimum 2.00 cumulative grade point average from Otero College.
- B. Complete a minimum of 15 semester hours at Otero College.
- C. Complete a minimum of 60 semester hours as outlined in the above course requirements for the Associate of Science Degree.
- D. Complete with a grade of “C” or higher all required courses (39 semester credit hours) that are to be counted towards the general education core curriculum.
- E. Complete the application for graduation form by January 31 of the Spring Semester and October 30 for the Fall Semester.
- F. Be enrolled in Otero College classes the semester of intended graduation.
- G. Complete the requirements for graduation in effect at the time of first-time enrollment. (NOTE: Students not enrolled for two semesters are required to complete all degree requirements in effect at the time of re-enrollment.)
- H. Meet all financial obligations to the College.

GRADUATION RESTRICTIONS

- A. May not use basic skills courses (those numbered below the general education core curriculum) toward the degree program.
- B. May not apply career and technical education courses toward the degree program other than those specified above.

Core requirements = 39 credits Elective requirements = 21 credits
AS Degree Total = 60 credits (100 level or higher)

*Remedial courses, (courses below 100 level) do not count toward graduation requirements

PLEASE NOTE: Some degrees may exceed the typical 60 credit hours required to successfully graduate.

| ASSOCIATE OF SCIENCE DEGREE COURSES GUIDELINE | | |
|--|--|--|
| | Credit Hours | Available Courses |
| (Written) Communication | 9 | ENG 1021 ENG 1022 COM 1150 or 1250 |
| Mathematics | 3 | MAT 1340 MAT 1420 MAT 1440 MAT 2410 MAT 2420 |
| Arts & Humanities | 6 | 2 GT courses from 2 different categories (AH1-AH4) Category One: ART 1110 ART 1111, 1112 ART 1113 MUS 1020, 1021 MUS 1022 MUS 1025 THE 1005 Category Two: HUM 1003 HUM 1015 HUM 1021 HUM 1022 HUM 1023 LIT 1015 LIT 2001, 2002 LIT 2005 LIT 2011, 2012 LIT 2021, 2022 LIT 2025 Category Three: PHI 1011 PHI 1012 PHI 1013 Category Four: SPA 2011, 2012 |
| Natural & Physical Sciences | 12 credits – 3 courses w/labs Two of three GT-SC1 lab science courses must be sequential. Example: AST 1110 | AGY 2140 ANT 1005 AST 1110, AST 1120 BIO 1004 BIO 1111, 1112 BIO 2101, 2102 |

| | | |
|------------------------------|---|---|
| | AST 1120 GEY 1111 An ANT 1005 course taken BEFORE the 201610 semester will still count as a CORE, 3-credit Social & Behavioral Science (SS3) course. | BIO 2104 CHE 1011, 1012 CHE 1111, 1112 GEY 1111, 1112 GEY 1155 PHY 1111, 1112 PHY 2111, 2112 |
| Social & Behavioral Sciences | 6 A student can fulfill this requirement by taking either two guaranteed transfer Social & Behavioral Science courses (GT-SS1, GT-SS3, GT-SS3) OR by taking one guaranteed transfer Social & Behavioral Science course (GT-SS1, GT-SS2, GT-SS3) and one guaranteed transfer History course (GT-HI1) in addition to the guaranteed transfer History (GT-HI1) credit required below. | 2 GT courses from any category (SS1-SS3) Category One: AGE 1102 ECO 2001, 2002 PSC 2020 PSC 1011 PSC 1025 PSC 2005 Category Two: GEO 1005 Category Three: AGR 2160 ANT 1001 ANT 1003 CRJ 1010 PSY 1001, 1002 PSY 2331, 2440 PSY 2441, 2552 SOC 1001, 1002 SOC 2031 |
| History | 3 | HIS 1310,1320 HIS 1210,1220 HIS 2135 |

Academic Electives: 21 credits

Career & Technical Certificates

Career and Technical Education certificate programs provide students with the skills necessary to obtain entrance-level employment in the field of their educational program. The following programs generally run for one to four semesters depending on the student's interests and objectives.

Students with previous occupational courses in high school or training in military services, or training via some other source may be given allowance for credit or advanced standing in the Career and Technical Education program of their choice.

Training includes job skill development as well as the necessary related technical information necessary to enhance an individual's productivity in the world of work.

CERTIFICATE PROGRAMS

The programs outlined on the following pages are for guidance of students and advisors; they may be changed only on approval.

MINIMUM COMPETENCY STANDARDS FOR PROGRAM ADMISSION

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

CERTIFICATE REQUIREMENTS

- A. Students must pass all program courses with a minimum grade of "C".
- B. Students must complete through Otero College, 25% of required credits to earn a certificate.
- C. Complete the Application to Graduate by the application deadline of October 30th for fall semester and January 31st for the spring semester.
- D. Meet all financial obligations to the College.

GENERAL INFORMATION

Career and Technical Education programs are designed to prepare students for immediate employment. Many of these courses are equivalent to college level academic course offerings and may be accepted by some college disciplines later if the student decides to transfer to a four-year institution.

GAINFUL EMPLOYMENT RESOURCE INFORMATION

The US Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that prepares students for gainful employment in a recognized occupation.

Find the specific program you are interested in to learn more about salaries and future employment projections. If you have questions about the data provided, contact Otero Student Services at 719-384-6831.

The listing of a course or program in this or any other college publication does not constitute a guarantee, nor contract, that the particular course or program will be offered during the time listed. All courses or programs are subject to scheduling changes or cancellations. Every effort to inform students of such changes and/or cancellations will be made.

Transfer Degrees

ASSOCIATE OF ARTS & ASSOCIATE OF SCIENCE TRANSFER DEGREES

Colorado public four-year higher education institutions will honor the transfer of an Associate of Arts (A.A.) degree and the Associate of Science (A.S.) degree earned at a Colorado public institution that offers A.A. or A.S. degrees. A student who earns an A.A. or A.S. degree at a Colorado public college, which includes completing the state guaranteed general education courses with a grade of “C” or better in all courses, will transfer with junior standing into any arts and science degree program offered by a Colorado public four-year college. The receiving institution will evaluate credit for prior learning, advanced placement, and correspondence courses following its standard policy.

PROGRAMS OF STUDY: TRANSFER DEGREES

The transfer degree program curricula are designed to prepare the student to transfer to a four-year college or university with Statewide Transfer Articulation Agreements developed by the Colorado Department of Higher Education. The purpose of a statewide transfer articulation agreement is to identify the courses a student at a Colorado public community college must complete as part of an Associate of Arts (A.A.) or Associate of Science (A.S.) degree to be guaranteed to be able to complete a bachelor's degree program (B.A. or B.S.) at any public four-year college or university that offers that bachelor's degree program.

TRANSFER OF GENERAL EDUCATION

Colorado's state guaranteed general education transfer (GT) courses are designed to allow students to begin their general education courses at one Colorado public higher education institution and later transfer to another without loss of general education credits. That is, the state guaranteed general education may be applied to the general education graduation requirement or the graduation requirements of the declared major, whichever is in the student's best interest. Effective fall 2003, Colorado policy ensures that students who successfully complete a state guaranteed general education course will receive transfer credits applied to graduation requirements in all majors at all public institutions unless a specific statewide articulation agreement exists. The state's guaranteed general education curriculum is organized into five categories: communication, mathematics, fine arts and humanities, social and behavioral sciences, and physical and life sciences. To complete the Colorado state guaranteed general education core, students are required to take 11 courses or 38 to 39

semester credit hours and earn a “C” grade or better in each course. The guarantee is limited to the number of semester credit hours in each general education category. OBJ

Degrees & Certificates

Click the AA or AS links for the latest Statewide Transfer Articulation Agreement information.

Agriculture Related Programs

Agriculture Business Management Certificates

CERTIFICATE & COURSE INFORMATION

Enhancing the business management skills of area farm and ranch producers and operators in ag-related business is the purpose of the multi-year certificates offered by Otero's Ag Business Management program. Emphasis will be placed on developing computerized records which will enable students to analyze the profitability of their overall operations, as well as each identified profit center. Students enrolling in the certificate programs must be actively operating a farm/ranch and/or agricultural related business or have the desire to start an agriculture business. Students must have the approval of the instructor.

The program is administered by three methods; classroom instruction, which includes guided online studies, home-visit instruction where an instructor comes to student's home, and cooperative learning. Certificates range from record keeping to marketing to completing advanced business plans.

ABM RECORDS & BUSINESS PLANNING CERTIFICATE COURSES

| | |
|----------|---|
| ABM 1003 | Records and Business Planning I – 3 credits |
| ABM 1004 | Records and Business Planning II – 3 credits |
| ABM 1005 | Records and Business Planning III – 3 credits |
| ABM 1006 | Records and Business Planning IV – 3 credits |
| ABM 1007 | Records and Business Planning V – 3 credits |
| ABM 1008 | Records and Business Planning VI – 3 credits |

ABM FINANCIAL ANALYSIS CERTIFICATE COURSES

| | |
|----------|------------------------------------|
| ABM 1013 | Financial Analysis I – 3 credits |
| ABM 1014 | Financial Analysis II – 3 credits |
| ABM 1015 | Financial Analysis III – 3 credits |
| ABM 1016 | Financial Analysis IV – 3 credits |
| ABM 1017 | Financial Analysis V – 3 credits |

ABM 1018 | Financial Analysis VI – 3 credits

ABM COMMODITY MARKETING CERTIFICATE COURSES

| | |
|----------|-------------------------------------|
| ABM 1023 | Commodity Marketing I – 3 credits |
| ABM 1024 | Commodity Marketing II – 3 credits |
| ABM 1025 | Commodity Marketing III – 3 credits |
| ABM 1026 | Commodity Marketing IV – 3 credits |
| ABM 1027 | Commodity Marketing V – 3 credits |
| ABM 1028 | Commodity Marketing VI – 3 credits |

ABM MARKET PLAN DEVELOPMENT CERTIFICATE COURSES

| | |
|----------|--|
| ABM 1063 | Marketing Plan Development I – 3 credits |
| ABM 1064 | Marketing Plan Development II – 3 credits |
| ABM 1065 | Marketing Plan Development III – 3 credits |
| ABM 1066 | Marketing Plan Development IV – 3 credits |
| ABM 1067 | Marketing Plan Development V – 3 credits |
| ABM 1068 | Marketing Plan Development VI – 3 credits |

ABM WEB PRODUCTIVITY AND UTILIZATION CERTIFICATE COURSES

| | |
|----------|--|
| ABM 2003 | Web Productivity/Utilization I – 3 Credits |
| ABM 2004 | Web Productivity/Utilization II – 3 Credits |
| ABM 2005 | Web Productivity/Utilization III – 3 Credits |
| ABM 2006 | Web Productivity/Utilization IV – 3 Credits |
| ABM 2007 | Web Productivity/Utilization V – 3 Credits |
| ABM 2008 | Web Productivity/Utilization VI – 3 Credits |

ABM ADVANCED BUSINESS MANAGEMENT CERTIFICATE COURSES

| | |
|----------|--|
| ABM 2013 | Advanced Business Management I – 3 credits |
| ABM 2014 | Advanced Business Management II – 3 credits |
| ABM 2015 | Advanced Business Management III – 3 credits |
| ABM 2016 | Advanced Business Management IV – 3 credits |
| ABM 2017 | Advanced Business Management V – 3 credits |
| ABM 2018 | Advanced Business Management VI – 3 credits |

ABM INTEGRATED MANAGEMENT CERTIFICATE COURSES

| | |
|----------|---------------------------------------|
| ABM 2023 | Integrated Management I – 3 credits |
| ABM 2024 | Integrated Management II – 3 credits |
| ABM 2025 | Integrated Management III – 3 credits |
| ABM 2026 | Integrated Management IV – 3 credits |
| ABM 2027 | Integrated Management V – 3 credits |
| ABM 2028 | Integrated Management VI – 3 credits |

ABM PROFIT MAXIMIZATION CERTIFICATE COURSES

| | |
|----------|-------------------------------------|
| ABM 2033 | Profit Maximization I – 3 credits |
| ABM 2034 | Profit Maximization II – 3 credits |
| ABM 2035 | Profit Maximization III – 3 credits |
| ABM 2036 | Profit Maximization IV – 3 credits |
| ABM 2037 | Profit Maximization V – 3 credits |
| ABM 2038 | Profit Maximization VI – 3 credits |

ABM RURAL BUSINESS ENTREPRENEURSHIP CERTIFICATE COURSES

| | |
|----------|---|
| ABM 2043 | Rural Business Entrepreneurship I – 3 credits |
| ABM 2044 | Rural Business Entrepreneurship II – 3 credits |
| ABM 2045 | Rural Business Entrepreneurship III – 3 credits |
| ABM 2046 | Rural Business Entrepreneurship IV – 3 credits |
| ABM 2047 | Rural Business Entrepreneurship V – 3 credits |
| ABM 2048 | Rural Business Entrepreneurship VI – 3 credits |

ABM LEADERSHIP/HUMAN RESOURCE MANAGEMENT CERTIFICATE COURSES

| | |
|----------|---|
| ABM 2053 | Leadership/Human Resource I – 3 credits |
| ABM 2054 | Leadership/Human Resource II – 3 credits |
| ABM 2055 | Leadership/Human Resource III – 3 credits |
| ABM 2056 | Leadership/Human Resource IV – 3 credits |
| ABM 2057 | Leadership/Human Resource V – 3 credits |
| ABM 2058 | Leadership/Human Resource VI – 3 credits |

Agriculture Business AS

[Statewide Transfer Agreement for Agriculture Business Program](#)

DEGREE & COURSE INFORMATION

Otero College, in cooperation with Colorado State University – Fort Collins, has developed a two-year Associate of Science degree track with an emphasis in Agriculture in four different areas: Agricultural Education, Agriculture Business, Animal Science, and Soil and Crop Science. Upon successful completion, the degree, and all classes associated with the degree, will transfer seamlessly into the CSU-Fort Collins College of Agricultural Science where a student can earn a bachelor's degree with an additional 60 hours of credit.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an Agricultural Business program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of the agricultural sector, as well as economics and business management will grow and deepen. Coursework will include Agriculture Finance, Introductory Soil Science, and Animal Science. After completing a 60-credit associate degree, your degree pathway can continue guaranteed transfer to a college that offers bachelor's degrees.

Agricultural Business – AS (60 credits)

Required Courses that Fulfill General Education Requirements (35 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|---------------------|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) AND A GT Pathways-approved CO2 course (GT-CO2) OR A GT Pathways-approved CO2 course (GT-CO2) AND A GT Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 4 | MAT 1340 College Algebra (GT-MA1) OR MAT 1400 Survey of Calculus (GT-MA1) OR higher calculus |

| | | |
|------------------------------|----|---|
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 3 | AGE 1102 Agriculture Economics (GT-SS1) |
| | 3 | AGR 2160 World Interdependence: Population and Food (GT-SS3) |
| Natural & Physical Sciences | 10 | BIO 1111 General College Biology I with lab (GT-SC1) AND CHE 1011 Introduction to Chemistry I with lab (GT-SC1) OR CHE 1111 General College Chemistry I with lab (GT-SC1) |

***Additional Required Courses (25 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|---------------------|---|
| | 3-4 | ACC 1011 Introduction to Financial Accounting OR ACC 1021 Accounting Principles |
| | 3 | COM 1150 Public Speaking |
| | 3 | CIS 1018 Introduction to PC Applications |
| | 3 | ECO 2001 Principles of Macroeconomics (GT-SS1) |

Select 12-13 credits from the list below. A minimum of 6 credits must be from an AGE prefix.

| | | |
|--|---|----------------------------------|
| | 3 | AGE 2105 Farm & Ranch Management |
| | 3 | AGE 2108 Agricultural Finance |
| | 3 | AGE 2110 Agricultural Marketing |
| | 3 | ASC 1100 Animal Science |
| | 1 | ASC 1101 Animal Science Lab |

| | |
|---|--|
| 1 | ASC 1105 Large Animal Anatomy |
| 4 | ASC 2125 Feeds & Feeding |
| 3 | ASC 2150 Live Animal & Carcass Evaluation |
| 3 | ASC 2130 Farm Animal Anatomy & Physiology |
| 2 | ASC 2188 Livestock Practicum |
| 4 | AGY 1100 General Crop Production |
| 4 | AGY 2140 Introductory Soil Science |
| 3 | MAT 1260 Introduction to Statistics (GT-MA1) |
| 4 | MAT 1400 Survey of Calculus (GT-MA1) |
| 3 | RAM 2005 Principles of Range Management |

**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.*

**See your advisor for alternative restricted electives. The above courses are included in the articulation agreement with Colorado State University – Fort Collins. Ag Science articulation agreements also exist for New Mexico State University, and West Texas A&M. Please see your advisor for the correct course of study and articulation agreement specific to your transfer university.*

Directly Transfer Your Degree

Otero College has multiple transfer articulation agreements for agriculture degrees between Otero and public 4-year universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following public four-year institutions may accept your completed Agriculture Business AS degree from Otero College.

Colorado State University-Ft. Collins
[A.S. Agriculture Business]

West Texas A&M University

New Mexico State University

Agriculture Education AS

[Statewide Transfer Agreement for Agriculture Education Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Agricultural Education, you will study animal and soil sciences, study crop production, and develop basic agricultural mechanical skills. This degree is transferable to universities offering a bachelor's degree in Agriculture Education with a Teacher Development Concentration.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an Agricultural Education program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in the first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of the agricultural sector, food, and horticulture will grow and deepen. Coursework will include Agricultural Economics, World Interdependence – Population and Food, and General Crop Production. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Agricultural Education – AS (63 credits)

Required Courses that Fulfill General Education Requirements (35 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|--------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND |

| | | |
|------------------------------|----|---|
| | | A GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 4 | MAT 1340 College Algebra (GT-MA1) |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 3 | AGE 1102 Agriculture Economics (GT-SS1) AND AGR 2160 World Interdependence-Population and Food (GT-SS3) (AGR 2160 fulfills CSU's global and cultural awareness requirement) |
| Natural & Physical Sciences | 10 | BIO 1111 General College Biology I with lab (GT-SC1) OR BIO 2121 Botany with lab (GT-SC1) AND CHE 1007 Fundamentals of Chemistry OR CHE 1011 Introduction to Chemistry I with lab OR CHE 1111 General College Chemistry with lab (GT-SC1) |

***Additional Required Courses (13 Credit Hours) and Electives (15 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|---------------------|---|
| | 3 | ASC 1100 Animal Science |
| | 4 | AGY 1100 General Crop Production |
| | 4 | AGY 2140 Introductory Soil Science |
| | 2 | AME 1005 Basic Agricultural Mechanical Skills |

Directed Electives: Choose 2 of the 4 courses listed below (Minimum 6 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|---------------------|---|
| | 3 | ASC 2150 Live Animal & Carcass Evaluation |
| | 3 | EDU 2211 Introduction to Education |
| | 3 | HWE 1050 Human Nutrition |

| | |
|---|---|
| 4 | HLT 1000 Horticulture Science OR HLT 1101 Introduction to Horticulture |
|---|---|

Electives: Select a minimum of 9 credits from the list below.

| Credit Hours | Course Number and Title |
|--------------|---|
| 3 | AGE 2105 Farm & Ranch Management |
| 4 | ASC 2125 Feeds & Feeding |
| 3 | ASC 2130 Farm Animal Anatomy & Physiology |
| 2 | ASC 2188 Livestock Practicum |
| 2 | AME 1007 General Power Mechanics |
| 3 | AME 1018 Farm Carpentry |
| 3 | AME 1025 Agriculture Machinery |
| 3 | AME 1051 Fundamentals of Welding |
| 3 | AME 1052 Welding for AG Educators |
| 3 | RAM 2005 Range Management |

**Please see your advisor for the correct course of study and articulation agreement specific to your transfer university.*

Note: The Agricultural Education program at CSU is an approved program at 120-123 credits required for degree completion. After completing the coursework above, students will complete no more than an additional 60 credits at CSU to complete the Bachelor of Science degree.

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

Directly Transfer Your Degree

Otero College has multiple transfer articulation agreements for agriculture degrees between Otero and public 4-year universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's

degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following public four-year institutions will accept your completed Agriculture Education AS degree from Otero College.

Colorado State University-Ft Collins

[B.S. Agricultural Education – Teacher Development Concentration]

Agricultural Production Management Certificate

CERTIFICATE & COURSE INFORMATION

As part of the Associate of Applied Science, Agricultural Production Management certificate provides basic overview in Ag business including management, marketing and finance.

Agricultural Production Management Certificate Courses

| Courses | Credits |
|--|---------|
| AGE 1102 – Agriculture Economics | 3 |
| AGE 2105 – Farm & Ranch Management | 3 |
| CIS 1018 – Introduction to PC Applications | 3 |
| AGE 2108 - Agriculture Finance | 3 |
| AGE 2110 – Agriculture Marketing | 3 |

Animal Science AS

[Statewide Transfer Agreement for Animal Science Program](#)

DEGREE & COURSE INFORMATION

In an associate program in animal science, you will receive instruction about nutrition, physiology, and reproduction that could lead to a career as a food scientist, breeding technician, or livestock production manager. This degree is transferable to universities offering a bachelor's degree in Animal Science.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an animal science program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of cross the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of animal science, anatomy, and physiology will grow and deepen. Coursework will include Feeds & Feeding, Live Animal & Carcass Evaluation, and Livestock Practicum. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Animal Science – AS (60 credits)

Required Courses that Fulfill General Education Requirements (35 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|---------------------|--|
| (Written) Communication | 6 | A GT Pathways-approved C01 course (GT-C01) AND A GT Pathways-approved C02 course (GT-C02) OR A GT Pathways-approved C02 course (GT-C02) AND A GT Pathways-approved C03 course (GT-C03) |
| Mathematics | 4 | MAT 1340 College Algebra (GT-MA1) OR MAT 1400 Survey of Calculus (GT-MA1) OR higher calculus course |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 3 | AGE 1102/102 Agriculture Economics (GT-SS1) |
| | 3 | AGR 2106/260 World Interdependence: Population and Food (GT-SS3) |

| | | |
|-----------------------------|----|---|
| Natural & Physical Sciences | 10 | BIO 1111 General College Biology I with lab (GT-SC1) CHE 1011 Introduction to Chemistry I with lab (GT-SC1) OR CHE 1111 General College Chemistry I with lab (GT-SC1) |
|-----------------------------|----|---|

***Additional Required Courses (25 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|--------------|---|
| | 3 | ASC 1100 Animal Science |
| | 1 | ASC 1101 Animal Science Lab |
| | 1 | ASC 1105 Large Animal Anatomy |
| | 4 | ASC 2125 Feeds & Feeding |
| | 3 | ASC 2130 Farm Animal Anatomy & Physiology |
| | 3 | CIS 1018 Introduction to PC Applications |
| | 3 | COM 1150 Public Speaking |

Select 1 of 2 courses listed below:

| | | |
|--|---|---|
| | 3 | ASC 2150 Live Animal & Carcass Evaluation |
| | 2 | ASC 2188 Livestock Practicum |

Select a minimum of 4-5 credits from the list below:

| | | |
|--|--------|--|
| | 3 | AGE 2105 Farm & Ranch Management |
| | 3 | AGE 2108 Agriculture Finance |
| | 3 | AGE 2110 Agriculture Marketing |
| | 3 4 | ACC 1011 Introduction to Financial Accounting OR ACC 1021 Accounting Principles I |
| | 5 | BIO 2111 Cell Biology w/Lab |
| | 5 | CHE 1112 General College Chemistry II with lab (GT-SC1) |

| | |
|---|--|
| 5 | CHE 2105 Introduction to Organic Chemistry OR CHE 2111 Organic Chemistry I with lab |
| 3 | ECO 2001 Principles of Macroeconomics |
| 3 | RAM 2005 Principles of Range Management |

**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.*

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.

**See your advisor for alternative restricted electives. The above courses are included in the articulation agreement with Colorado State University – Fort Collins. Ag Science articulation agreements also exist for New Mexico State University, Oklahoma Panhandle State and West Texas A&M. Please see your advisor for the correct course of study and articulation agreement specific to your transfer university.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

Directly Transfer Your Degree

Otero College has multiple transfer articulation agreements for agriculture degrees between Otero and public 4-year universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following public four-year institutions will accept your completed Animal Science AS degree from Otero College.

Colorado State University-Ft. Collins

[B.S. Animal Science]

West Texas A&M University

Oklahoma Panhandle State University

New Mexico State University

Artificial Insemination Certificate

CERTIFICATE & COURSE INFORMATION

Learn advanced reproductive techniques through the Artificial Insemination Certificate offered by Otero College. Through a blend of theoretical knowledge and hands-on training, participants will grasp the fundamental principles of reproductive anatomy, semen handling, and insemination procedures for various species.

Artificial Insemination Certificate Courses

| Courses | Credits |
|---|---------|
| AGP 1046 – Artificial Insemination Management | 2 |
| AGP 1047 – Practical Cattle Reproduction | 2 |
| AGP 1048 – Cattle Reproduction Lab | 1 |

Livestock Production AAS

LIVESTOCK PRODUCTION ASSOCIATE OF APPLIED SCIENCE DEGREE & COURSE INFORMATION

The Associate of Applied Science degree in Livestock Production provides students with a broad range of skills needed in the livestock industry including management, breeding, selection, nutrition, health, and basic business skills. The program blends scientific and business principles with hands on practical experiences. Certificates in Livestock Production, Agricultural Production Management, and Artificial Insemination (AI) are also available in this career pathway.

Livestock Production AAS

| Fall Semester Courses | | |
|------------------------------------|--------------|---------------------------------|
| | Credit Hours | Recommended Year to Take Course |
| ASC 1100 – Animal Science | 3 | 1st year |
| CIS 1018 – Intro to PC Application | 3 | 1st year |

| | | |
|---|---|--|
| ENG 1015 – Technical English or higher (ENG 1021 – English Composition 1) | 3 | 1st year |
| AGR 2106/260 World Interdependence: Population and Food (GT-SS3) | 3 | 1st year |
| AGE 2105 – Farm/Ranch Management | 3 | 2nd year |
| COM 1150 – Public Speaking or COM 1250 – Inter-personal Communication | 3 | 2nd year |
| RAM 2005 – Range Management | 3 | 2nd year |
| AGP 2047 – Production Cattle Feeding | 3 | 2nd year |
| AGP 2080 – Production Ag Internship | 1 | 2nd year |
| AGP 1046 – Artificial Insemination Management | 2 | These courses are only offered in the fall of even numbered years (2024, 2026, 2028) and all must be taken together. |
| AGP 1047 – Practical Cattle Reproduction | 2 | |
| AGP 1048 – Cattle Reproduction Lab | 1 | |
| AME 1005 – Ag Mechanics | 2 | This course will only be offered in the fall of odd numbered years (2025, 2027, 2029) |
| AGE 1102 – Ag Economics | 3 | 2nd year and only if you want the Agriculture Production Management Certificate |
| Spring Semester Courses | | |
| AGP 2015 – Animal Health | 3 | 1st year |
| ASC 2150 – Live Animal and Carcass Evaluation | 3 | 1st year |

| | | |
|---|---|---|
| ASC 2188 – Livestock Practicum | 2 | 1st year |
| AGE 2108 – Ag Finance | 3 | 2nd year |
| AGE 2110 – Ag Marketing | 3 | 2nd year |
| ASC 2125 – Feeds and Feeding | 4 | 2nd year |
| AGR 2024 – Integrated Ranch Management | 3 | 2nd year |
| MAT 1140 – Career Math or higher | 3 | This course may only be offered in the Spring of odd numbered years (2025, 2027, 2029). |
| ACC 1025 – Computerized Accounting | 3 | This course will only be offered in the Spring of odd numbered years (2025, 2027, 2029). |
| MAN 1028 – Human Relations-Organization | 3 | This course will only be offered in the Spring of even numbered years (2024, 2026, 2028). |

Livestock Production Certificate

CERTIFICATE & COURSE INFORMATION

As part of the Associate of Applied Science, this Livestock Production certificate provides basic overview in livestock industry including management, feeds and animal science.

Livestock Production Certificate Courses

| Required Courses | Credits |
|---|---------|
| ASC 1100 Animal Science | 3 |
| AGE 2105 Farm & Ranch Management | 3 |
| ASC 2125 Feeds & Feeding | 4 |
| ASC 2150 Live Animal & Carcass Evaluation | 3 |
| ASC 2188 Livestock Practicum | 2 |

Soil & Crop Science AS

[Statewide Transfer Agreement for Soil & Crop Science Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Soil and Crop Sciences, you will receive hands-on instruction about natural resources and food and fuel production that could lead to a career as an environmental researcher, crop advisor, or greenhouse technician. This degree is transferable to universities offering a bachelor's degree in Soil and Crop Sciences.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Soil and Crop Sciences program will include math and English courses to meet general education requirements. The completion of introductory math and English courses your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts & Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of the soil, plant, and water resources will grow and deepen. Coursework will include Introduction to Soil Science, Agricultural Economics, World Interdependence – Population and Food. After completing a 60 credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Soil & Crop Science - AS (60 credits)

Required Courses that Fulfill General Education Requirements (35 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|--------------|---|
| (Written) Communication | 6 | Pathways-approved CO1 course (GT-CO1) AND Pathways-approved CO2 course (GT-CO2) |
| | | Pathways-approved CO2 course (GT-CO2) AND Pathways-approved CO3 course (GT-CO3) |

| | | |
|---------------------------------|---|---|
| Mathematics | 4 | 1340 College Algebra (GT-MA1) OR 1400 Survey of Calculus (GT-MA1) OR higher level math course |
| Arts & Humanities | 6 | GT Pathways Arts & Humanities courses from one of the following AH categories: GT-AH1, GT-AH2, GT-AH4 |
| History | 3 | GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 3 | 1102 Agriculture Economics (GT-SS1) |
| | 3 | 2160 World Interdependence: Population and Food Systems (GT-SS3) |
| Natural & Physical Sciences | 5 | 1112 General College Biology II with lab (GT-SC1) OR 2121 Botany with lab (GT-SC1) OR 1011 Introduction to Chemistry I with lab (GT-SC1) OR 1111 General College Chemistry I with lab (GT-SC1) |

***Additional Required Courses & Electives (25 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|-------------------------|---|
| | 4 | AGY 1100 General Crop Production |
| | 4 | AGY 2140 Introductory Soil Science with lab (GT- SC1) |
| | 3 | AGR 2033 Applied Information Technology in Agriculture OR AGR 2035 Precision Agricultural Operations OR AGR 2036 Precision Farming: Hardware Systems OR GIS XXXX Any available GIS course |
| | 3 | MAT 1260 Introduction to Statistics (GT-MA1) |

Select a minimum of 8 credits from the list below:

| | | |
|--|-----|--|
| | 3-4 | ACC 1011 Introduction to Financial Accounting OR ACC 1021 Accounting Principles I |
| | 3 | AGE 2105 Farm & Ranch Management |

| | |
|---|---|
| 3 | AGE 2108 Agriculture Finance |
| 3 | AGE 2110 Agriculture Marketing |
| 3 | ASC 1100 Animal Science |
| 4 | ASC 2125 Feeds & Feeding |
| 4 | BIO 2122 General College Ecology |
| 3 | CIS 1018 Introduction to PC Applications |
| 5 | CHE 1112 General College Chemistry II with lab (GT-SC1) |
| 3 | ECO 2001 Principles of Macroeconomics (GT-SS1) |
| 4 | GEY 1111 Physical Geology with lab (GT-SC1) |
| 3 | HWE 1050 Human Nutrition |
| 3 | RAM 2005 Principles of Range Management |

*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.

See your advisor for alternative restricted electives. The above courses are included in the articulation agreement with Colorado State University – Fort Collins. Ag Science articulation agreements also exist for New Mexico State University, West Texas A&M, Okla. Panhandle State University, and Northwestern Okla. State University. Please see your advisor for the correct course of study and articulation agreement specific to your transfer university.

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

**** Some courses may not be offered at Otero but are available at Colorado Online @ ****

Directly Transfer Your Degree

Otero College has multiple transfer articulation agreements for agriculture degrees between Otero and public 4-year universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's

degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following public four-year institutions will accept your completed Soil & Crop Science AS degree from Otero College.

Colorado State University-Ft. Collins
[B.S. Soil and Crop Sciences]

West Texas A&M University

Oklahoma Panhandle State University

New Mexico State University

Anthropology AA

[Statewide Transfer Agreement for Anthropology Program](#)

DEGREE & COURSE INFORMATION

An associate degree in Anthropology can be a first step toward a role as a historic preservationist, market researcher, human rights advocate, or museum director. This degree is transferable to universities offering a bachelor's degree in Anthropology.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an Anthropology program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of anthropology will deepen and grow. Coursework will include Cultural Anthropology, Biological Anthropology, and Introduction Archaeology. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Anthropology – AA (60 credits)

Required Courses that Fulfill General Education Requirements (32-33 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|---------------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways Mathematics course (GT-MA1), prefer MAT 1260 Introduction to Statistics, except: <ul style="list-style-type: none"> University of Colorado Denver requires either MAT 1260 Introduction to Statistics OR MAT 1340 College Algebra; Western Colorado University requires MAT 1340 College Algebra. |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 8 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1) |

*Additional Required Courses (22 Credit Hours) and Electives (5-6 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|---------------------|--|
| | 3 | COM 1150 Public Speaking OR COM 1250 Interpersonal Communication (GT-SS3) OR COM 2300 Intercultural Communication (GT-SS3) |
| | 3 | One GT Pathways Arts & Humanities course (GT-AH1, GT-AH2, GT-AH3, or GT-AH4) |
| | 3 | ANT 1001 Cultural Anthropology (GT-SS3) |

| | |
|---|--|
| 3 | ANT 1003 Introduction to Archaeology (GT-SS3) |
| 4 | ANT 1005 Biological Anthropology, with Lab (GT-SC1) |
| 3 | One GT Pathways ANT course in Social & Behavioral Sciences courses (GT-SS3) |
| 3 | One GT Pathways Social & Behavioral Sciences course (must be GT-SS2 OR GT-SS3) |

Electives – 5-6 credit hours

Please note: Additional ANT courses beyond the 4 courses (12 credit hours) identified above may not count toward the Anthropology major at the receiving 4-year institution.

If a student should need to take remedial and/or pre-requisite courses, they are not included in this degree plan.

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Anthropology AA degree from Otero College.

Colorado State University-Ft. Collins

[B.A. Anthropology]

Fort Lewis College

[B.A. Anthropology]

Metropolitan State University of Denver

[B.A. Anthropology]

University of Colorado Boulder

[B.A. Anthropology]

University of Colorado - Colorado Springs

[B.A. Anthropology]

University of Colorado Denver

[B.A. Anthropology]

University of Northern Colorado

[B.A. Anthropology]

Western Colorado University

[B.A. Anthropology]

Art Related Programs

Art History AA

[Statewide Transfer Agreement for Art History Program](#)

DEGREE & COURSE INFORMATION

An associate program in Art History is a first step toward a career as a curator, archivist, or art authenticator. This degree is transferable to universities offering a bachelor's degree in Art, Art History, Fine Arts, and Visual and Performing Arts.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an Art History program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavior Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of art history will grow and deepen. Coursework will include Art History: Ancient to Medieval, Art History: Renaissance to Modern, and Art History: 1900 to Present. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Art History – AA (60 credits)

Required Courses that Fulfill General Education Requirements (31 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|--------------|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) AND A GT Pathways-approved CO2 course (GT-CO2) OR A GT Pathways-approved CO2 course (GT-CO2) AND A GT Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways course (GT-MA1), prefer MAT 1240 Mathematics for Liberal Arts |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, or GT-AH4) EXCEPT the courses listed in the Additional Required Courses section below |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2); one of these courses must have the required laboratory (GT-SC1) |

*Additional Required Courses (15 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|--------------|---|
| | 3 | ART 1111 Art History: Ancient to Medieval (GT-AH1) |
| | 3 | ART 1112 Art History: Renaissance to Modern (GT-AH1) |
| | 3 | ART 1201 Drawing I OR ART 1113 Art History: 1900 to Present (GT-AH1) |
| | 3 | ART 1002 Visual Concepts 2-D Design |
| | 3 | ART 1003 Visual Concepts 3-D Design |

Electives ¹ – 14 Credit Hours

**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 towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.*

¹ Students planning to transfer to CSU-FC will be required to complete a 200-level foreign language for completion of the BA in Art – Art History. Students will be expected to be prepared upon completion of the associate's degree to take an intermediate foreign language or be able to pass the CSU-FC Foreign Language placement exam at the sophomore level. It may not be possible to complete the BA in Art – Art History concentration in two years without this prior foreign language competency.

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Art History AA degree from Otero College.

Colorado Mesa University

[B.F.A. Art; Art History concentration]

Colorado State University-Ft. Collins

[B.A. Art; Art History concentration]

Colorado State University – Pueblo

[B.A. Art; Art History emphasis]

Metropolitan State University of Denver

[B.A. Art History, Theory, & Criticism]

University of Colorado Boulder

[B.A. Art History]

University of Colorado - Colorado Springs

[B.A. Visual & Performing Arts; Art History option]

University of Colorado Denver

[B.A. Fine Arts; Art History emphasis]

University of Northern Colorado

[B.A. Art & Design; Art History emphasis]

Western Colorado University

[B.A. Art; Art History & Theory emphasis]

Studio Art AA

[Statewide Transfer Agreement for Studio Art Program](#)

DEGREE & COURSE INFORMATION

An associate program in Studio Art is a strong foundation for a career as an art director, graphic designer, animator, or gallery owner. This degree is transferable to universities offering a bachelor's degree in Art, Studio Art, Fine Arts, and Art and Design.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Studio Art program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of different art styles and mediums will grow and deepen. Coursework will include Art History, Visual Concepts, and Drawing. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Studio Art - AA (60 credits)

Required Courses that Fulfill General Education Requirements (31 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|---------------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways course (GT-MA1), prefer MAT 1240 Mathematics for Liberal Arts |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT- AH2, GT-AH3, GT-AH4). No GT-AH1 courses. |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2); one must have the required laboratory (GTSC1) |
| *Additional Required Courses (21 Credit Hours) & Electives (8 Credit Hours) | | |
| | Credit Hours | Course Number and Title |
| | 3 | ART 1111 Art History: Ancient to Medieval (GT-AH1) |
| | 3 | ART 1112 Art History: Renaissance to Modern (GT-AH1) |
| | 3 | ART 1201 Drawing I |
| | 3 | ART 1002 Visual Concepts 2-D Design |
| | 3 | ART 1003 Visual Concepts 3-D Design |
| | 3 | ART 1202 Drawing II OR ART 1203 Figure Drawing I |
| | 3 | Any three-credit STUDIO ART course |

******Electives – 8 credit hours**

**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.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Studio Art AA degree from Otero College.

Adams State University

[B.A. Liberal Arts; Studio Arts emphasis]

Colorado Mesa University

[B.F.A. Art; Studio Art concentration]

Colorado State University-Ft Collins

[B.A. Art; Integrated Visual Studies concentration]

Colorado State University-Pueblo

[B.A. Art]

Fort Lewis College

[B.A. Art; Art option]

Metropolitan State University of Denver

[B.A. Art]

University of Colorado Boulder

[B.A. Studio Arts]

University of Colorado - Colorado Springs

[B.A. Visual & Performing Arts; Visual Art option]

University of Colorado Denver

[B.A. Fine Arts; Studio Art emphasis]

University of Northern Colorado

[B.A. Art & Design; Art emphasis]

Western Colorado University

[B.A. Art; Studio Art emphasis]

Associate of Arts General Degree

DEGREE & COURSE INFORMATION

Students who choose to fulfill the following degree requirements will be eligible to receive the Associate of Arts degree. The Associate of Arts degree program is normally utilized by those students planning to transfer to a four-year institution at the completion of two years at Otero College in order to complete their Bachelor of Arts degree.

AA General Degree

Required Courses that Fulfill General Education Requirements (37 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|--------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Oral Communication | 3 | COM 1150 Public Speaking OR COM 1250 Interpersonal Communication (GT-SS3) OR COM 2300 Intercultural Communication (GT-SS3) |
| Mathematics | 3 | MAT 1240 (GT-MA1) or higher. Any guaranteed transfer Math course except MAT 1220/1230 (GT- MA1) |

| | | |
|--|----|--|
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses from two different categories (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Student Option (Arts & Humanities, History, or Social & Behavioral Sciences) | 3 | One additional GT Pathways course from either Arts & Humanities, History, or Social & Behavioral Sciences (GT-AH1, GT-AH2, GT-AH3, GT-AH4, GT-HI1, GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses including at least one lab course (GT-SC1, GT-SC2). |
| Electives | 23 | Please contact your advisor for more information about approved electives. |

Minimum Competency Standards for Program Admission

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

Graduation Expectations

The Colorado Community College System's (CCCS) colleges have adopted a set of guidelines to define the conditions under which a student can expect to graduate with an Associate of Arts or an Associate of Science degree in two calendar years. The Academic Advising Center at each individual CCCS community college can provide additional information. The CCCS colleges guarantee that a student will be able to complete all course work necessary to earn an AA or an AS degree from a specific CCCS college in 60 credit hours and in 24 months. Students must satisfy all the conditions described below to be eligible for this guarantee:

1. Enroll at the same community college for at least four consecutive semesters, excluding summer.
2. Register within one week of the beginning of registration for each semester.
3. Have completed all required remedial coursework before beginning the count of two years to degree completion.
4. Enroll in and pass (with a C or better in each course) an average of 15 credit hours in coursework that applies to the AA/AS in each four consecutive semesters.

5. Obtain a recommended plan of study for the AA or AS degree plan of study, signed by the student and community college advisor, prior to registration for the second semester, and according to the requirements of the students' community college.
6. Follow the signed plan of study.
7. Continue with the same degree (AA or AS) from entrance to graduation.
8. Retain documentation demonstrating that all the above requirements were satisfied. (Advising records, transcripts, etc.).

Associate of Arts – General Education Core

Students who complete an Associate of Arts degree are guaranteed to transfer 60 credit hours of courses required for those degrees to a four-year school once they have been accepted for admission. Students who follow this plan should be able to finish a Bachelor of Arts degree within another 60 credit hours.

To earn an A.A. degree, a student must complete the specified number of GT Pathways general education courses in Written and Oral communication, Math, Arts and Humanities, Social and Behavioral Sciences, and Natural and Physical Sciences, to total 37 credits, as listed on the chart on the following page. In addition, the student completes 23 credits of transferable electives.

Academic and Related Requirements

- A. Earn a minimum 2.00 cumulative grade point average from Otero College.
- B. Complete a minimum of 15 semester hours at Otero College.
- C. Complete a minimum of 60 semester hours as outlined in the above Course Requirements for the Associate of Arts Degree.
- D. Complete with a grade of "C" or higher all required courses (38/39 semester credit hours) that are to be counted towards the general education core curriculum.
- E. Complete the application for graduation form by January 31st for Spring Semester and October 30th for Fall Semester.
- F. Be enrolled in Otero College classes for semester of intended graduation.
- G. Complete the requirements for graduation in effect at the time of first-time enrollment. (NOTE: Students not enrolled for two semesters are required to complete all degree requirements in effect at the time of re-enrollment.)
- H. Meet all financial obligations to the College.

Graduation Restrictions

- A. May not use Basic Skills courses (those numbered below the general education core curriculum) toward the degree program.
- B. May not be granted more than one academic degree in the same semester.
- C. May not apply career and technical education courses toward the degree program other than those specified above.

Core requirements = 37 credits Elective requirements = 23 credits

AA Degree Total = 60 credits (100 level or higher)

*Remedial courses, (courses below 100 level) do not count toward graduation requirements

PLEASE NOTE: Some degrees may exceed the typical 60 credit hours required to successfully graduate.

Associate of Science General Degree

DEGREE & COURSE INFORMATION

Students who choose to fulfill the following degree requirements will be eligible to receive the Associate of Science degree. The Associate of Science degree program is normally utilized by those students planning to transfer to a four-year institution at the completion of two years at Otero College in order to complete their Bachelor of Science degree.

AS General Degree

Required Courses that Fulfill General Education Requirements (39 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|--------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Oral Communication | 3 | COM 1150 Public Speaking OR COM 1250 Interpersonal Communication (GT-SS3) OR COM 2300 Intercultural Communication (GT-SS3) |
| Mathematics | 3 | MAT 1340 College Algebra (GT-MA1) OR MAT 1420 College Trigonometry (GT-MA1) OR MAT 1440 Pre-Calculus (GT-MA1) OR MAT 2410 Calculus I or higher (GT-MA1) |

| | | |
|------------------------------|----|---|
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses from two different categories (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Science courses (GT-SS1, GT-SS2, or GT-SS3) OR One GT Pathways Social & Behavioral Science course AND One GT Pathways History course. |
| Natural & Physical Sciences | 12 | One 2- lab course sequence in any guaranteed transfer science discipline (GT-SC1) and additional guaranteed transfer lab science course(s) (GT-SC1) |
| Electives | 21 | Please contact your advisor for more information about approved electives. |

Minimum Competency Standards for Program Admission

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

Graduation Expectations

The Colorado Community College System's (CCCS) colleges have adopted a set of guidelines to define the conditions under which a student can expect to graduate with an Associate of Arts or an Associate of Science degree in two calendar years. The Academic Advising Center at each individual CCCS community college can provide additional information. The CCCS colleges guarantee that a student will be able to complete all course work necessary to earn an AA or an AS degree from a specific CCCS college in 60 credit hours and in 24 months. Students must satisfy all the conditions described below to be eligible for this guarantee:

1. Enroll at the same community college for at least four consecutive semesters, excluding summer.
2. Register within one week of the beginning of registration for each semester.
3. Have completed all required remedial coursework before beginning the count of two years to degree completion.
4. Enroll in and pass (with a C or better in each course) an average of 15 credit hours in coursework that applies to the AA/AS in each four consecutive semesters.
5. Obtain a recommended plan of study for the AA or AS degree plan of study, signed by the student and community college advisor, prior to registration for

the second semester, and according to the requirements of the students' community college.

6. Follow the signed plan of study.
7. Continue with the same degree (AA or AS) from entrance to graduation.
8. Retain documentation demonstrating that all the above requirements were satisfied. (Advising records, transcripts, etc.).

Associate of Science – General Education Core

Students who complete an Associate of Science degree are guaranteed to transfer 60 credit hours of courses required for the degree to a four-year school once they have been accepted for admission. Students who follow this plan should be able to finish a Bachelor of Science degree within another 60 credit hours.

The primary distinguishing characteristic of an Associate of Science degree that differentiates it from an Associate of Arts degree is that the A.S. requires 12 credits or three courses in natural and physical sciences with labs. Two of these three courses must be sequential. For example, a student might choose to take the sequence AST 1110/101: Astronomy I with Lab (4 credits), and AST 1120/102: Astronomy II with Lab (4 credits). This student could then complete the Natural and Physical Sciences requirement by taking Geology 1111/111: Physical Geology with Lab (4 credits), for a total of three courses and 12 credits.

Academic and Related Requirements

- A. Earn a minimum 2.00 cumulative grade point average from Otero College.
- B. Complete a minimum of 15 semester hours at Otero College.
- C. Complete a minimum of 60 semester hours as outlined in the above Course Requirements for the Associate of Arts Degree.
- D. Complete with a grade of "C" or higher all required courses (38/39 semester credit hours) that are to be counted towards the general education core curriculum.
- E. Complete the application for graduation form by January 31st for Spring Semester and October 30th for Fall Semester.
- F. Be enrolled in Otero College classes for semester of intended graduation.
- G. Complete the requirements for graduation in effect at the time of first-time enrollment. (NOTE: Students not enrolled for two semesters are required to complete all degree requirements in effect at the time of re-enrollment.)
- H. Meet all financial obligations to the College.

Graduation Restrictions

- A. May not use Basic Skills courses (those numbered below the general education core curriculum) toward the degree program.
- B. May not apply career and technical education courses toward the degree program other than those specified above.

Core requirements = 39 credits Elective requirements = 21 credits
AS Degree Total = 60 credits (100 level or higher)

*Remedial courses, (courses below 100 level) do not count toward graduation requirements

PLEASE NOTE: Some degrees may exceed the typical 60 credit hours required to successfully graduate.

Associate of General Studies Degree

DEGREE & COURSE INFORMATION

Students who choose to fulfill the following degree requirements will be eligible to receive the Associate of General Studies (AGS) degree.

The Associate of General Studies degree is earned by those students who complete up to half of their program in approved academic transfer courses and the remaining half in career and technical education and other academic elective courses. The Associate of General Studies degree recognizes those individuals who have completed a variety of courses in the institution without any specific major in mind. In some cases, the AGS has been used in transferring to a four-year college or university.

Minimum Competency Standards for Program Admission

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

Students should refer to their specific Associate of Applied Science requirements as listed in the catalog. Specific program admission and course requirements differ for different programs. The listing of a course or program in this, or any other college publication does not constitute a guarantee, nor contract, that the particular course or program will be offered during the time listed. All courses or programs are subject to scheduling changes or cancellations. Every effort will be made to inform students of such changes and/or cancellations.

Associate of General Studies Degree Guidelines

| | Credit Hours | Course Number and Title |
|-------------------------|--------------|--|
| (Written) Communication | 3 | BUS 2017 ENG 1015 ENG 1021, 1022 ENG 1031 ENG 2021, 2022 COM 1150 COM 1250 |

| | | |
|------------------------------|---|--|
| Mathematics | 3 | MAT 1120 MAT 1140 MAT 1240, 1340 MAT 1420 MAT 1400 MAT 1260 MAT 1220, 1230 MAT 2410, 2420, 2430 |
| Arts & Humanities | 3 | ART 1113 ART 1110 ART 1111, 1112 ART 1201, 1202 ART 1002 ART 1005 ART 1301 ART 1302 ART 1075, 2075 HUM 1003 HUM 1015 HUM 1021, 1022, 1023 LIT 1015, 2001, 2002 LIT 2005 LIT 2011, 2012, 2021, 2022 LIT 2025, 2030 LIT 2055 MUS 1010, 1020, 1021 PHI 1011, 1012, 1013 SPA 1011, 1012 SPA 2011, 2012 THE 1005 |
| Social & Behavioral Sciences | 3 | HIS 1310, 1320 HIS 1210, 1220 HIS 2135 ECO 2001, 2002 JOU 1005 PSC 2020, 2005 PSC 1011 PSC 1025 GEO 1005 ANT 1001, 1003 PSY 1001, 1002 PSY 2331, 2440 |

| | | |
|--|----|--|
| | | PSY 2441 PSY 2552 SOC 1001, 1002 SOC 2031 CRJ 1010 |
| Natural & Physical Sciences | 3 | AST 1110, 1120 BIO 1005, 1006 BIO 1111, 1112 BIO 2101, 2102 BIO 2104, 2116, 2121 CHE 1011, 1012 CHE 1111, 1112 CHE 2111, 2112 ENV 1010, 1111 GEY 1111 GEY 1112 HWE 1050 PHY 1105 PHY 1111, 1112 PHY 2111, 2112 SCI 1105 SCI 1055, 1056 |
| Electives | 15 | Please contact your advisor for more information about approved electives. All courses not used to meet the general education requirements can be used as academic electives. |
| Career & Technical / Other Academic Electives | 30 | The student may complete an additional 30 semester hours of career and technical education prefixed courses or other academic electives in order to satisfy this component of the degree program. |

Academic Requirements

- A. Earn a minimum 2.00 cumulative grade point average from Otero College.
- B. Complete a minimum of 15 semester hours at Otero College.
- C. Complete a minimum of 60 semester hours as outlined in the above course requirements for the Associate of General Studies Degree.
- D. Successfully complete all career and technical education program courses chosen with a minimal grade of "C" in each course

- E. Complete the application for graduation form by January 31st for Spring Semester or October 30th for Fall Semester.
- F. Be enrolled in Otero College classes for the semester in which a student intends to graduate.
- G. Complete the requirements for graduation in effect at the time of first-time enrollment. (NOTE: Students who failed to be enrolled for two semesters or more will be required to complete all degree requirements in effect at the time of re-enrollment.)
- H. Meet all financial obligations to the College.

Biology AS

[Statewide Transfer Agreement for Biology Program](#)

DEGREE & COURSE INFORMATION

An associate degree in Biology can lead to a wide array of professional roles, including molecular biologist, lab technician, genetic counselor, forensic investigator, or environmental scientist. This degree is transferable to universities offering a bachelor's degree in Biology.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Biology program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase your likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of biological systems and processes will grow and deepen. Coursework will include General College Biology, General College Chemistry, and Calculus. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Biology – AS (60 credits)

Required Courses that Fulfill General Education Requirements (35 Credit Hours)

| Credit Hours | Course Number and Title |
|--------------|-------------------------|
|--------------|-------------------------|

| | | |
|------------------------------|---|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) AND A GT Pathways-approved CO2 course (GT-CO2) OR A GT Pathways-approved CO2 course (GT-CO2) AND A GT Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 4 | MAT 1340 College Algebra: (GT-MA1) OR a higher numbered GT Pathways approved MA1 course Note: Students are encouraged to seek advising at their intended transfer institutions regarding the level of mathematics preparation required for their intended transfer pathway. |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, or GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 5 | BIO 1111 General College Biology I w/Lab (GT-SC1) |
| | 5 | CHE 1111 General College Chemistry I w/Lab (GT-SC1) |

***Additional Required Courses (20 Credit Hours) and Electives (5 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|--------------|--|
| | 5 | BIO 1112 General College Biology II w/Lab (GT-SC1) |
| | 5 | CHE 1112 General College Chemistry II w/Lab (GT-SC1) |
| | 5 | PHY 1111 Physics: Algebra-based I w/Lab (GT-SC1) OR PHY 1112 Physics: Algebra-based II w/Lab (GT-SC1) |
| | 5 | PHY 1112 Physics: Algebra-based II w/Lab (GT-SC1) OR PHY 2112 Physics: Calculus-based II w/Lab (GT-SC1) |

****Electives – 5 Credit Hours**

**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.*

***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.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Biology AS degree from Otero College.

Adams State University

[B.S. Biology; Cellular & Molecular Biology, Organismal Biology, & Wildlife Biology emphases]

Colorado Mesa University

[B.S. Biological Sciences; Biology concentration]

Colorado State University-Ft Collins

[B.S. Biological Sciences]

Colorado State University-Pueblo

[B.S. Biology]

Fort Lewis College

[B.S. Biology; General Biology option]

Metropolitan State University of Denver

[B.S. Biology]

University of Colorado Boulder

[B.A. Ecology & Evolutionary Biology]

University of Colorado - Colorado Springs

[B.S. Biology]

University of Colorado Denver

[B.S. Biology]

University of Northern Colorado

[B.S. Biological Sciences; Cell & Molecular Biology, Ecology & Evolutionary Biology, Pre-Health & Biomedical Sciences emphases]

Western Colorado University

[B.A. Biology; Cell Biology/Pre-medicine, Environmental Biology & Ecology, General Biology, Pre-allied Health emphases]

Business AA

[Statewide Transfer Agreement for Business Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Business, you will explore business principles and decision-making practices. This degree is transferable to universities offering bachelor's degrees in Business Administration.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a business program will include math and English courses to meet general education requirement. The completion of introductory math and English courses in our first year is proven to greatly increase your likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of

courses, your knowledge of business principles will grow and deepen. Coursework will include Introduction to Business, Business Statistics, and Macro Economics. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degree.

Business – AA (60 credits)

Required Courses that Fulfill General Education Requirements (32 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|---------------------|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) AND A GT Pathways-approved CO2 course (GT-CO2) OR A GT Pathways-approved CO2 course (GT-CO2) AND A GT Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 4 | MAT 1340 College Algebra (GT-MA1) OR MAT 1320 Finite Mathematics (GT-MA1) OR MAT 1400 Survey of Calculus (GT-MA1) OR a higher-level Calculus course |
| <p>Note: Adams State University, Colorado Mesa University, Colorado State University, Colorado State University – Pueblo, Fort Lewis College, and the University of Colorado-Colorado Springs require MAT 1340 College Algebra.</p> <p>Note: University of Northern Colorado requires MAT 1400 Survey of Calculus (GT-MA1)</p> | | |
| Arts & Humanities | 6 | PHI 2005 Business Ethics (GT-AH3) AND One GT Pathways Arts & Humanities course from the following AH Categories: GT-AH1, GT-AH2, GT-AH3, or GT-AH4 |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 3 | ECO 2001 Principles of Macroeconomics (GT-SS1) |
| | 3 | ECO 2002 Principles of Microeconomics (GT-SS1) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2), one must be with laboratory (GT-SC1) |

***Additional Required Courses (21-23 Credit Hours) and Electives (5-7)**

| | Credit Hours | Course Number and Title |
|--|---------------------|--|
| | 3-4 | ACC 1011 Introduction to Financial Accounting OR ACC 1021 Accounting Principles I |
| | 3-4 | ACC 1012 Introduction to Managerial Accounting OR ACC 1022 Accounting Principles II |
| | 3 | BUS 1015 Introduction to Business |
| | 3 | BUS 2016 Legal Environment of Business |
| | 3 | BUS 2017 Business Communications and Report Writing |
| | 3 | BUS 2026 Business Statistics |
| | 3 | COM 1150 Public Speaking |

Electives (5-7 Credit Hours)

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Business AA degree from Otero College.

Adams State University

[B.A. Business Administration; emphases in Advertising, Business Teacher Education, General Business, or International Business; B.S. Business Administration; emphases in Accounting, Agribusiness, Economics, Finance, General Business, Health Care Administration,

Management, Management Information Systems, Marketing, or Small Business Management]

Colorado Mesa University

[Bachelor of Business Administration (B.B.A.); concentrations in Business Economics, Emerging Markets, Energy Management/Landman, Entrepreneurship, Finance, Hospitality Management, Human Resource Management, Information Systems, Insurance, Management, Managerial Informatics, or Marketing]

Colorado Mountain College (as four-year institution)

[B.S. Business Administration]

Colorado State University-Ft Collins

[B.S. Business Administration]

Colorado State University-Global Campus

[B.S. Business Management]

Colorado State University-Pueblo

[B.S. Business Administration; majors in Management, Accounting or Economics]

Fort Lewis College

[B.A. Business Administration; Business Administration option]

Metropolitan State University of Denver

[B.S. Accounting; B.S. Banking; B.S. Computer Information Systems; B.A. Entrepreneurship; B.S. Finance; B.A. Global Business Studies; B.S. International Business; B.S. Management; B.S. Marketing]

University of Colorado Boulder

[B.S. Business Administration]

University of Colorado - Colorado Springs

[B.S. Business; emphases in Accounting, Business Administration, Finance, Human Resources Management, Information Systems, International Business, Management, Marketing, PGA Golf Management, Service Management, or Sport Management]

University of Colorado Denver

[B.S. Business Administration; emphases in Accounting, Finance, Financial Management, Human Resources Management, Information Systems, International Business, Management, Marketing, Risk &

Entrepreneurship, or Sports Business]

University of Northern Colorado

[B.S. Business Administration; all emphases]

Western Colorado University

[B.A. Business Administration]

Chemistry AS

STAA under review – June 2024

DEGREE & COURSE INFORMATION

An associate degree in Chemistry can be the first step toward many professional roles, including food chemist, pharmaceutical sales representative, quality control manager, and toxicologist. This degree is transferable to universities offering a bachelor's degree in chemistry.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Chemistry program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of chemical processes and experimentation practices will grow and deepen. Coursework will include Calculus, Calculus-Based Physics, and Organic Chemistry. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Chemistry – AS (60 credits)

Required Courses that Fulfill General Education Requirements (30 Credit Hours)

| Credit Hours | Course Number and Title |
|-----------------|-------------------------|
|-----------------|-------------------------|

| | | |
|------------------------------|---|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) and a GT Pathways-approved CO2 course (GT-CO2) OR A GT Pathways-approved CO2 course (GT-CO2) and a GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 5 | MAT 2410 Calculus I |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GTAH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences course (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 5 | CHE 1111 General College Chemistry I w/Lab |
| | 5 | CHE 1112 General College Chemistry II w/Lab |

***Additional Required Courses (30 Credit Hours)**

| Credit Hours | Course Number and Title |
|--------------|---|
| 5 | MAT 2420 Calculus II |
| 4 | MAT2430 Calculus III OR MAT 2431 Calculus III w/Engineering Applications (GT-MA1) |
| 5 | PHY 2111 Physics: Calculus-based I w/Lab (GT-SC1) |
| 5 | PHY 2112 Physics: Calculus-based II w/Lab (GT-SC1) |
| 5 | **CHE 2111 Organic Chemistry I w/Lab |
| 5 | **CHE 2112 Organic Chemistry II w/Lab |

1. This statewide transfer articulation agreement in Chemistry does not fulfill requirements for the GT Pathways general education curriculum or the Associate of Science degree prior to transfer; however, this agreement does guarantee a student, if admitted, junior standing and completion of the baccalaureate degree within an additional 60 semester hours at the receiving institution.

2. Completion of the receiving institution's lower division general education requirements is fulfilled only under the condition that one GT Pathways-approved course in arts and humanities (AH1, AH2, AH3, or AH4) and one GT Pathways-approved course in social and behavioral sciences (SS1, SS2, or SS3) are successfully completed at the receiving institution within the first 30 hours or 12 calendar months.

3. Students transferring to a four-year college/university under this Chemistry agreement are encouraged to 'reverse' transfer the one GT Pathways course in arts and humanities and the one GT Pathways course in social and behavioral sciences (Note #2 above) back to their community college in order to complete the GT Pathways general education program and to earn their Associate of Science degree with a Chemistry designation.

****Lecture and laboratory portions of Organic Chemistry, CHE 2111/ 211 and CHE 2112/212, must not be taken in an online delivery format.**

***Students are required to reverse transfer one Arts & Humanities and one Social & Behavioral Science to successfully complete an Associate of Science degree with a Chemistry designation at Otero.**

***If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.**

****** Some courses may not be offered at Otero but are available at Colorado Online @ ******

Directly Transfer Your Degree

Adams State University

[B.S. Biology; Cellular & Molecular Biology, Organismal Biology, & Wildlife Biology emphases]

Colorado Mesa University

[B.S. Biological Sciences; Biology concentration]

Colorado State University-Ft Collins

[B.S. Biological Sciences]

Colorado State University-Pueblo

[B.S. Biology]

Fort Lewis College

[B.S. Biology; General Biology option]

Metropolitan State University of Denver

[B.S. Biology]

University of Colorado Boulder

[B.A. Ecology & Evolutionary Biology]

University of Colorado - Colorado Springs

[B.S. Biology]

University of Colorado Denver

[B.S. Biology]

University of Northern Colorado

[B.S. Biological Sciences; Cell & Molecular Biology, Ecology & Evolutionary Biology, Pre-Health & Biomedical Sciences emphases]

Western Colorado University

[B.A. Biology; Cell Biology/Pre-medicine, Environmental Biology & Ecology, General Biology, Pre-allied Health emphases]

Communication AA

[Statewide Transfer Agreement for Communication Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Communication, you will build your writing skills and learn about public speaking and debate. This degree is transferable to universities offering a bachelor's degree in Communication or Communication Studies.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Communication program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of communication will grow and deepen. Coursework will include Public Speaking, Interpersonal Communication, and Group Communication. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Communication – AA (60 credits)

Required Courses that Fulfill General Education Requirements (31 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|--------------|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) AND A GT Pathways-approved CO2 course (GT-CO2) OR A GT Pathways-approved CO2 course (GT-CO2) AND A GT Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways Mathematics course (GT-MA1); prefer MAT 1240/120 Mathematics for Liberal Arts |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, or GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT SS2, GT SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2), one must be with laboratory (GT-SC1) |

*Additional Required Courses (15 Credit Hours) and Electives (14 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|--------------|---|
| | 3 | COM 1150 Public Speaking |
| | 3 | COM 1250 Interpersonal Communication (GT-SS3) |
| | 3 | COM 2220 Group Communication (GT-SS3) |
| | 3 | COM 2300 Intercultural Communication (GT-SS3) |
| | 3 | Choose three additional credits with a COM prefix |

Electives (14 Credit Hours)

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

Please Note: Additional COM courses beyond the 5 courses (15 credit hours) identified above in the Additional Required Courses section may not count toward the Communication major at the receiving four-year institution.

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a

community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Communication AA degree from Otero College.

Adams State University

[B.A. Communication and Media Studies]

Colorado State University-Ft Collins

[B.A. Communication Studies]

Colorado State University-Global Campus

[B.S. Communication]

Metropolitan State University of Denver

[B.A. Communication Studies]

University of Colorado Boulder

[B.A. Communication]

University of Colorado - Colorado Springs

[B.A. Communication; General Communication Studies, Professional Communication, Media Studies, Sports Communication, Digital Filmmaking and Media Arts emphasis areas]

University of Colorado Denver

[B.A. Communication]

University of Northern Colorado

[B.A. Communication Studies]

Western Colorado University

[B.A. Communication Arts; Communication emphasis]

Construction Trades Certificate

CERTIFICATE & COURSE INFORMATION

The construction program at Otero College is designed to prepare students to obtain entry-level employment in the construction trades industry and further pursue careers as an electrician, plumber, HVAC tech, carpenter, or project manager. This program is designed to allow enrollment of both secondary and post-secondary students.

Construction Trades Basic Certificate Courses

| | | |
|----------|--------------------|-----------|
| CON 1057 | NCCER Core | 5 credits |
| CAR 1005 | Jobsite Layout | 1 credit |
| CON 1028 | Cost Estimation | 2 credits |
| CON 1058 | NCCER Carpentry I | 6 credits |
| CON 1062 | NCCER Electrical I | 6 credits |
| CON 1066 | NCCER Plumbing I | 6 credits |

Construction Trades Advanced Certificate Courses

| | | |
|----------|------------------------|-----------|
| CAR 1015 | Form and Foundation | 1 credit |
| CON 1040 | Intro to building Code | 3 credits |
| CON 2007 | Light Const. Eqpmt | 3 credits |
| CON 1059 | NCCER Carpentry II | 6 credits |
| CON 1063 | NCCER Electrical II | 6 credits |
| CON 1067 | NCCER Plumbing II | 6 credits |

Cosmetology Related Programs

Barbering Certificate

CERTIFICATE & COURSE INFORMATION

This three-semester program provides training and instruction for hair cutting, hair styling, hair coloring, shaving, honing, stropping, skin care, business management, and communication skills.

The Otero College Barbering program will meet the Colorado State Board of Barber and Cosmetology credit hour requirements. One certificate option exists within this program at 50 credit hours

The U.S. Bureau of Labor Statistics expects employment in cosmetology careers to grow faster than the average for all occupations between 2018 and 2028, by about 8%.

Professional Licensure Disclosure

Students are advised to review the information on the CCCS Professional Licensure Disclosure page; <https://at.cccs.edu/professional-licensure-disclosure/> BEFORE beginning a program that leads to professional licensure with the intent to be licensed outside of the state of Colorado. Review the licensing information provided for the applicable program(s) below. While CCCS colleges endeavor to ensure this information is up to date, changes in licensure requirements of any state can change at any time. Contact the appropriate licensing agency in the U.S. states and territories where licensure is intended. This will enable you to obtain the most up-to-date information about licensure requirements and confirm the CCCS college program meets those requirements.

Barbering Certificate Pathway Course

| Schedule | |
|---|----------------|
| Fall Semester Courses | Credits |
| BAR 1003 – Intro to Hair and Scalp | 1 |
| BAR 1010 – Intro to Hair Coloring | 3 |
| BAR 1020 – Intro to Haircutting | 3 |
| BAR 1030 – Intro to Hairstyling | 3 |
| BAR 1040 – Intro to Permanent Waves & Chemical Relaxers | 3 |
| COS 1060 – Intro to Infection Control | 2 |
| COS 1061 – Intermediate I: Infection Control | 1 |
| COS 1050 – Laws, Rules, and Regulations | 1 |
| BAR 1021 – Intermediate Haircutting | 3 |
| Spring Semester Courses | Credits |

| | |
|---|----------------|
| BAR 1007 – Intro to Shaving, Honing and Stropping | 1 |
| BAR 1066 – Intro to Facial massage and Skin care | 1 |
| BAR 1008 – Intermediate Shaving, Honing and Stropping | 1 |
| BAR 1067 – Intermediate Facial massage and Skin care | 1 |
| COS 2060 – Intermediate 2: Infection Control and Prevention | 2 |
| BAR 1011 – Intermediate Hair Coloring | 2 |
| BAR 1031 – Intermediate Hair Styling | 3 |
| BAR 1041 – Intermediate Permanent Waves & Chemical Relaxers | 3 |
| BAR 2003 – Advanced Hair and Scalp | 1 |
| BAR 2007 – Advanced Shaving, Honing and Stropping | 1 |
| Summer Semester Courses | Credits |
| BAR 2011 – Advanced Hair Coloring | 3 |
| BAR 2020 – Advanced Hair Cutting | 3 |
| BAR 2031 – Advanced Hair Styling | 3 |
| BAR 2041 – Advanced Permanent Waves and Chemical Relaxers | 2 |
| BAR 2066 – Advanced Facial Massage and Skin Care | 1 |
| COS 2061 – Advanced Infection Control and Prevention | 1 |
| COS 2050 – Business Management/Personal Skills/Ethics | 1 |

Cosmetology Certificates

CERTIFICATES & COURSE INFORMATION

Cosmetologist Certificate

This three-semester program provides training in hair, skin, and nail care services. Instruction is provided in hair cutting, hair styling, hair coloring, chemical texture services, skin care, waxing services, make-up application, and nail care needs.

Professional Licensure Disclosure

Students are advised to review the information on the CCCS Professional Licensure Disclosure page; <https://at.cccs.edu/professional-licensure-disclosure/> BEFORE beginning a program that leads to professional licensure with the intent to be licensed outside of the state of Colorado. Review the licensing information provided for the applicable program(s) below. While CCCS colleges endeavor to ensure this information is up to date, changes in licensure requirements of any state can change at any time. Contact the appropriate licensing agency in the U.S. states and territories where licensure is intended. This will enable you to obtain the most up-to-date information about licensure requirements and confirm the CCCS college program meets those requirements.

Cosmetologist Certificate Pathway Course (Fall Start)

| Schedule | |
|---------------------------------------|---------|
| Fall Semester Courses | Credits |
| COS 1003 – Intro Hair & Scalp | 1 |
| COS 1010 – Intro Color | 2 |
| COS 1020 – Intro Cutting | 2 |
| COS 1030 – Intro Styling | 2 |
| COS 1040 – Intro to Chemical Texture | 1 |
| NAT 1010 – Intro to Nail Care | 3 |
| COS 1060 – Intro to Infection Control | 2 |
| COS 1021 – Intermediate I: Cutting | 2 |
| COS 1031 – Intermediate I: Styling | 2 |

| | |
|---|----------------|
| COS 1041 – Intermediate I: Chemical Texture | 1 |
| COS 1011 – Intermediate I: Color | 2 |
| COS 1061 – Intermediate I: Infection Control | 1 |
| COS 1050 – Laws, Rules and Regulations | 1 |
| Spring Semester Courses | Credits |
| COS 2003 – Intermediate I: Hair & Scalp | 1 |
| NAT 1011 – Intermediate I Nail Care | 2 |
| COS 2010 – Intermediate II: Color | 2 |
| COS 2020 – Intermediate II: Cutting | 2 |
| COS 2030 – Intermediate II: Styling | 2 |
| COS 2040 – Intermediate II: Chemical Texture | 1 |
| COS 2060 – Intermediate II: Infection Control | 2 |
| EST 1010 – Intro Skin Care | 3 |
| EST 1011 – Intermediate Skin Care | 2 |
| EST 2011 – Make-up | 1 |
| EST 2012 – Hair Removal | 3 |
| COS 2061 – Advanced Infection Control | 1 |
| Summer Semester Courses | Credits |
| COS 2011 – Advanced Color | 2 |
| COS 2021 – Advanced Cutting | 2 |
| COS 2031 – Advanced Styling | 1 |
| EST 2010 – Advanced Massage & Skin Care | 2 |
| COS 2041 – Advanced Chemical Texture | 1 |
| NAT 2010 – Advanced Nail Care | 2 |
| NAT 2011 – Nail Enhancements | 5 |

| | |
|--|---|
| COS 2050 – Bus Mgmt, Personal Skills, Ethics | 1 |
|--|---|

Cosmetologist Certificate Pathway Course (Spring Start)

Schedule

Spring Semester Courses Credits: 22

| | |
|-------------------------------|---|
| COS 1003 – Intro Hair & Scalp | 1 |
|-------------------------------|---|

| | |
|------------------------|---|
| COS 1010 – Intro Color | 2 |
|------------------------|---|

| | |
|--------------------------|---|
| COS 1030 – Intro Styling | 2 |
|--------------------------|---|

| | |
|--------------------------------------|---|
| COS 1040 – Intro to Chemical Texture | 1 |
|--------------------------------------|---|

| | |
|---------------------------------------|---|
| COS 1060 – Intro to Infection Control | 2 |
|---------------------------------------|---|

| | |
|--|---|
| COS 1061 – Intermediate I: Infection Control | 1 |
|--|---|

| | |
|---|---|
| COS 1041 – Intermediate I: Chemical Texture | 1 |
|---|---|

| | |
|--|---|
| COS 1050 – Laws, Rules and Regulations | 1 |
|--|---|

| | |
|---|---|
| COS 2003 – Intermediate I: Hair & Scalp | 1 |
|---|---|

| | |
|--|---|
| COS 2040 – Intermediate II: Chemical Texture | 1 |
|--|---|

| | |
|----------------------------|---|
| EST 1010 – Intro Skin Care | 3 |
|----------------------------|---|

| | |
|-----------------------------------|---|
| EST 1011 – Intermediate Skin Care | 2 |
|-----------------------------------|---|

| | |
|--------------------|---|
| EST 2011 – Make-up | 1 |
|--------------------|---|

| | |
|-------------------------|---|
| EST 2012 – Hair Removal | 3 |
|-------------------------|---|

Summer Semester Courses Credits: 17

| | |
|-------------------------------|---|
| NAT 1010 – Intro to Nail Care | 3 |
|-------------------------------|---|

| | |
|-------------------------------------|---|
| NAT 1011 – Intermediate I Nail Care | 2 |
|-------------------------------------|---|

| | |
|-------------------------------|---|
| NAT 2010 – Advanced Nail Care | 2 |
|-------------------------------|---|

| | |
|------------------------------|---|
| NAT 2011 – Nail Enhancements | 5 |
|------------------------------|---|

| | |
|--|---|
| COS 2050 – Bus Mgmt, Personal Skills, Ethics | 1 |
|--|---|

| | |
|---|--------------------|
| COS 2060 – Intermediate II: Infection Control | 2 |
| EST 2010 – Advanced Massage & Skin Care | 2 |
| Fall Semester Courses | Credits: 21 |
| COS 1011 – Intermediate I: Color | 2 |
| COS 1020 – Intro Cutting | 2 |
| COS 1021 – Intermediate I: Cutting | 2 |
| COS 1031 – Intermediate I: Styling | 2 |
| COS 2010 – Intermediate II: Color | 2 |
| COS 2020 – Intermediate II: Cutting | 2 |
| COS 2030 – Intermediate II: Styling | 2 |
| COS 2061 – Advanced Infection Control | 1 |
| COS 2011 – Advanced Color | 2 |
| COS 2021 – Advanced Cutting | 2 |
| COS 2031 – Advanced Styling | 1 |
| COS 2041 – Advanced Chemical Texture | 1 |

Cosmetologist Certificate Pathway Course (Summer Start)

| | |
|---|--------------------|
| Schedule | |
| Summer Semester Courses | Credits: 20 |
| COS 1050 – Laws, Rules and Regulations | 1 |
| COS 1060 – Intro to Infection Control | 2 |
| COS 1061 – Intermediate I: Infection Control | 1 |
| COS 2050 – Bus Mgmt, Personal Skills, Ethics | 1 |
| COS 2060 – Intermediate II: Infection Control | 2 |

| | |
|--|--------------------|
| COS 2061 – Advanced Infection Control | 1 |
| NAT 1010 – Intro to Nail Care | 3 |
| NAT 1011 – Intermediate I Nail Care | 2 |
| NAT 2010 – Advanced Nail Care | 2 |
| NAT 2011 – Nail Enhancements | 5 |
| Fall Semester Courses | Credits: 18 |
| COS 1003 – Intro Hair & Scalp | 1 |
| COS 1010 – Intro Color | 2 |
| COS 1030 – Intro Styling | 2 |
| COS 1020 – Intro Cutting | 2 |
| COS 1040 – Intro to Chemical Texture | 1 |
| COS 2003 – Intermediate I: Hair & Scalp | 1 |
| COS 2030 – Intermediate II: Styling | 2 |
| COS 1031 – Intermediate I: Styling | 2 |
| COS 1041 – Intermediate I: Chemical Texture | 1 |
| COS 1011 – Intermediate I: Color | 2 |
| COS 1021 – Intermediate I: Cutting | 2 |
| Spring Semester Courses | Credits: 22 |
| COS 2010 – Intermediate II: Color | 1 |
| COS 2020 – Intermediate II: Cutting | 2 |
| COS 2040 – Intermediate II: Chemical Texture | 1 |
| COS 2011 – Advanced Color | 2 |
| COS 2021 – Advanced Cutting | 2 |
| COS 2031 – Advanced Styling | 1 |
| COS 2041 – Advanced Chemical Texture | 1 |

| | |
|---|---|
| EST 1010 – Intro Skin Care | 3 |
| EST 1011 – Intermediate Skin Care | 2 |
| EST 2011 – Make-up | 1 |
| EST 2012 – Hair Removal | 3 |
| EST 2010 – Advanced Massage & Skin Care | 2 |

Nail Tech Certificate Pathway Course

Schedule

Summer Semester Courses **Credits**

NAT 1010 – Intro to Nail Care 3

NAT 1011 – Intermediate I Nail Care 2

NAT 2010 – Advanced Nail Care 2

NAT 2011 – Nail Enhancements 5

COS 1050 – Laws, Rules and Regulations 1

COS 2050 – Bus Mgmt, Personal Skills, Ethics 1

COS 1060 – Intro to Infection Control 2

COS 1061 – Intermediate I: Infection Control 1

COS 2060 – Intermediate II: Infection Control 2

COS 2061 – Advanced Infection Control 1

Esthetics Certificate Pathway Course

Schedule

Spring Semester Courses **Credits**

EST 1010 – Intro Skin Care 3

| | |
|---|----------------|
| EST 1011 – Intermediate Skin Care | 2 |
| EST 2011 – Make-up | 1 |
| EST 2012 – Hair Removal | 3 |
| COS 1060 – Intro to Infection Control | 2 |
| COS 1050 – Laws, Rules and Regulations | 1 |
| Summer Semester Courses | Credits |
| EST 2010 – Advanced Massage & Skin Care | 2 |
| COS 2050 – Bus Mgmt, Personal Skills, Ethics | 1 |
| COS 2060 – Intermediate II: Infection Control | 2 |
| COS 2061 – Advanced Infection Control | 1 |
| COS 2062 – Advanced II: Disinfection, Sanitation & Safety | 3 |

Hair Stylist Certificate Pathway Course

Schedule

| | |
|---|----------------|
| Fall Semester Courses | Credits |
| COS 1003 – Intro Hair & Scalp | 1 |
| COS 1010 – Intro Color | 2 |
| COS 1020 – Intro Cutting | 2 |
| COS 1030 – Intro Styling | 2 |
| COS 1040 – Intro to Chemical Texture | 1 |
| COS 1060 – Intro to Infection Control | 2 |
| COS 1021 – Intermediate I: Cutting | 2 |
| COS 1031 – Intermediate I: Styling | 2 |
| COS 1041 – Intermediate I: Chemical Texture | 1 |

| | |
|---|----------------|
| COS 1011 – Intermediate I: Color | 2 |
| COS 1061 – Intermediate I: Infection Control | 1 |
| COS 2060 – Intermediate II: Infection Control | 2 |
| COS 1050 – Laws, Rules and Regulations | 1 |
| COS 2050 – Bus Mgmt, Personal Skills, Ethics | 1 |
| Spring Semester Courses | Credits |
| COS 2003 – Intermediate I: Hair & Scalp | 1 |
| COS 2010 – Intermediate II: Color | 2 |
| COS 2020 – Intermediate II: Cutting | 2 |
| COS 2030 – Intermediate II: Styling | 2 |
| COS 2040 – Intermediate II: Chemical Texture | 1 |
| COS 2011 – Advanced Color | 2 |
| COS 2021 – Advanced Cutting | 2 |
| COS 2031 – Advanced Styling | 1 |
| COS 2061 – Advanced Infection Control | 1 |
| COS 2062 – Advanced II: Disinfection, Sanitation & Safety | 3 |

Criminal Justice AA

[Statewide Transfer Agreement for Criminal Justice Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Criminal Justice, you will explore topics that include criminal law, psychology, forensics, and government. This degree is transferable to universities offering a bachelor's degree in Criminal Justice.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

Criminal Justice - AA (60 credits)

Required Courses that Fulfill General Education Requirements (31-33 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|---------------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I AND ENG 1022 English Composition II OR ENG 1022 English Composition II AND A GT Pathways approved CO3 course |
| Mathematics | 3-4 | One GT Pathways course (GT-MA1), prefer MAT 1260 Introduction to Statistics, except: <ul style="list-style-type: none">• 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 |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses from two (2) different categories: (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 3 | SOC 1001 Introduction to Sociology (GT-SS3) |
| | 3 | One GT Pathways Social & Behavioral Sciences course (GT-SS3) |
| Natural & Physical Sciences | 7-8 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2), one must be with laboratory (GT-SC1) |

***Additional Required Courses (27 Credit Hours) & Electives (0-2 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|---------------------|---|
| | 3 | COM 1150 Public Speaking OR COM 1250 Interpersonal Communication (GT-SS3) |

| | |
|---|--|
| 3 | CRJ 1010 Introduction to Criminal Justice (GT-SS3) |
| 3 | CRJ 1025 Policing Systems |
| 3 | CRJ 1045 Correctional Process |

Choose two (2) courses from the following (6 Credit Hours):

CRJ 1027 Crime Scene Investigation
 CRJ 1035 Judicial Function
 CRJ 2005 Principles of Criminal Law
 CRJ 2009 Criminal Investigation I
 CRJ 2030 Criminology
 CRJ 2031 Introduction to Forensic Science & Criminalists
 CRJ 2035 Delinquent Behavior

Choose three (3) courses from the following:

ANT 2315 Introduction to Forensic Anthropology w/lab (GT-SC1)
 CNG 2058 Computer Forensics
 COM 2220 Group Communication (GT-SS3)
 COM 2250 Organizational Communications
 PSC 1011 American Government (GT-SS3)
 PSC1025 American/State and Local Government (GT-SS1)
 PSY 2770 Introduction to Forensic Psychology
 PSY 2107 Human Sexuality (GT-SS3)
 PSY 2221 Social Psychology (GT-SS3)
 PSY 2552 Psychopathology (GT-SS3)
 SOC 2031 Sociology of Deviant Behavior (GT-SS3)

Electives – 0-2 credit hours

** 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.*

***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.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

**** Some courses may not be offered at Otero but are available at Colorado Online @ ****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Criminal Justice AA degree from Otero College.

Colorado Mesa University

[B.A. Criminal Justice; Criminal Justice or Law Enforcement concentration]

Colorado State University-Global Campus

[B.S. Criminal Justice]

Metropolitan State University of Denver

[B.S. Criminal Justice & Criminology]

University of Colorado - Colorado Springs

[B.A. Criminal Justice]

University of Colorado Denver

[B.A. Criminal Justice]

University of Northern Colorado

[B.A. Criminal Justice]

Economics AA

[Statewide Transfer Agreement for Economics Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Economics, you will explore microeconomics and macroeconomics. This degree is transferable to universities offering a bachelor's degree in Economics.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an Economics program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of economics will grow and deepen. Coursework will include Macroeconomics, Microeconomics, and Introduction to Statistics. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Economics - AA (60 credits)

Required Courses that Fulfill General Education Requirements (31 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|---------------------|--|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 3 | MAT 2260 Introduction to Statistics (GT-MA1) |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses from the following AH Categories: GT-AH1, GT-AH2, GT-AH3, or GT-AH4 Recommended: PHI 1012 Ethics (GT-AH3) OR PHI 2005 Business Ethics (GT-AH3) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2), one must be with laboratory (GT-SC1) |

***Additional Required Courses (11 Credit Hours) & Electives (18 Credit Hours)**

| Credit Hours | Course Number and Title |
|---------------------|--|
| 3 | ECO 2001 Principles of Macroeconomics (GT-SS1) |
| 3 | ECO 2002 Principles of Microeconomics (GT-SS1) |
| | MAT 2410 Calculus I (GT-MA1) ^{1 2} |

Electives – 18 credit hours

¹Students may need to take additional preparatory math courses for placement into Calculus I (e.g., trigonometry, college Algebra, precalculus); these additional courses may apply toward electives.

²Students intending to transfer to Adams State University, Metropolitan State University of Denver, or the university of Northern Colorado may take College Algebra or Finite Mathematics instead of Calculus I.

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Economics AA degree from Otero College.

Adams State University

[B.S. Business Administration; Economics emphasis]

Colorado State University-Ft Collins

[B.A. Economics]

Fort Lewis College

[B.A. Economics; Economics option]

Metropolitan State University of Denver
[B.A. Economics]

University of Colorado Boulder
[B.A. Economics]

University of Colorado - Colorado Springs
[B.A. Economics]

University of Colorado Denver
[B.A. Economics]

University of Northern Colorado
[B.A. Economics]

Western Colorado University
[B.A. Economics]

Education Related Programs

Early Childhood Teacher Education AA

[Statewide Transfer Agreement for Early Childhood Education Program](#)

DEGREE & COURSE INFORMATION

Students interested in Early Childhood Education with plans to pursue a bachelor's Degree would follow this recommended track. If you are planning to transfer on to a 4-year university after graduating at Otero, view the Otero Transfer Agreement. Each student should work closely with their Otero advisor and contact their transfer institution choices for more specific transfer information. Other transfer information can be found at The Colorado Dept. of Higher Education.

All courses required for this degree must be completed with a "C" or better to be considered for transfer to another Colorado institution. Transferability of courses to colleges or universities outside of Colorado is determined by the receiving institution.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an Early Childhood Teacher Education program will include math and English courses to meet general education requirements. The completion of introductory math and

English courses in your first year is proven to greatly increase your likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of early childhood education concepts and instructional methods will grow and deepen. Coursework will include Guidance Strategies for Young Children, Curriculum Methods and Techniques, Child Growth and Development, and Working Parents, Families, and Communities. After completing a 60- credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Early Childhood Teacher Education (60 credits)

Required Courses that Fulfill General Education Requirements (33 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|--------------|--|
| (Written) Communication | 3 | ENG 1021 English Composition I (GT-CO1) |
| | 3 | AND ENG 1022 English Composition II (GT-CO2) |
| Mathematics | 4 | MAT 1240 Mathematics for the Liberal Arts (GT-MA1) |
| Arts & Humanities | 3 | MUS 1020 Music Appreciation (GT-AH1) OR ART 1110 Art Appreciation (GT-AH1) OR THE 1005 Theater Appreciation (GT-AH1) |
| | 3 | LIT 1015 Introduction to Literature (GT-AH2) OR LIT 2055 Children's Literature (GT-AH2) |
| History | 3 | HIS 1210 U.S. History to Reconstruction (GT-HI1) OR HIS 1220 U.S. History Since Civil War (GT-HI1) |
| Social & Behavioral Sciences | 3 | GEO 1005 World Regional Geography (GT-SS2) |
| | 3 | PSY 1001 General Psychology (GT-SS3) |
| Natural & Physical Sciences | 4 | SCI 1055 Integrated Science I with lab (GT-SC1) |

4* SCI 1056 Integrated Science II with lab (GT-SC1)

***Additional Required Courses (18 Credit Hours) & Electives (9 Credit Hours)**

| Credit Hours | Course Number and Title |
|--------------|--|
| 3 | ECE 1011 Intro to Early Childhood Education ² |
| 3 | ECE 1045 Intro to ECE Techniques |
| 3 | ECE 1031 Guidance Strategies for Young Children |
| 3 | ECE 2621 Curriculum Methods and Techniques |
| 3 | ECE 2381 ECE Child Growth and Development |
| 3 | ECE 2101 Working with Parents, Families, and Communities |

Electives – 9 credit hours determined by the receiving institution. [Early Childhood Education - Electives by Receiving Institution](#)

*Students must pass with a C- or higher in BOTH SCI 1055 & 1056 to satisfy the GT Pathways science requirement.

²Students who complete the Child Development Associate certification through the CDA Council will receive course credit.

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 towards graduation. Please check with the receiving institution to determine in which way these courses will be applied.

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Early Childhood Teacher Education AA degree from Otero College.

Adams State University

[B.A. Early Childhood Education]

Colorado Mesa University

[B.A. Early Childhood Education – Early Childhood Special Education]

Colorado State University-Ft Collins

[B.S. Early Childhood Education]

Colorado State University-Pueblo

[B.S. Early Childhood Education]

Fort Lewis College

[B.A. Early Childhood Education]

Metropolitan State University of Denver

[B.A. Early Childhood Education]

University of Colorado - Colorado Springs

[B.A. Inclusive Early Childhood Education]

University of Colorado Denver

[B.A. Education and Human Development – Early Childhood]

University of Northern Colorado

[B.A. Early Childhood Teacher Education (Birth-Grade 3)]

T-Prep @ Otero College AA to BA in Early Childhood Education

T-Prep Inquiry Form: https://application.admissions.ucdenver.edu/register/ugrd_sehd_tprep

4 Year Schedule for AA to BA in Early Childhood Education

4-year plan is designed to be taken in sequence as specified in each year.

Schedule - Year 1 (31 Credit Hours) Otero College

| Semester 1 (General Education Courses) (15 Credit Hours) | Credits |
|--|---------|
| COM 1150 – Public Speaking | 3 |
| ENG 1021 – English Composition I: GT-CO1 | 3 |

| | |
|--|----------------|
| PSY 1001 – General Psychology I: GT-S33 | 3 |
| ART 1110 – Art Appreciation: GT-AH1 OR | 3 |
| MUS 1020 – Music Appreciation: GT-AH1 OR | 3 |
| THE 1005 – Theatre Appreciation: GT - AH1 | 3 |
| Semester 2 (Intro to Ed Clinical Block) (16 Credit Hours) | Credits |
| ¹ ECE 1011 – Intro to Early Childhood Educ (SPR) | 3 |
| ¹ ECE 1031 – Guidance Strategies Yng Child (SPR) | 3 |
| ¹ ECE 1045 – Intro to ECE Techniques (SPR) *60 hours of field experience | 3 |
| MAT 1240 – Math for Liberal Arts: GT-MA1 OR HIGHER | 4 |
| Elective Education Courses | Credits |
| ECE 2101 – Working w/Families & Communities | 3 |
| ECE 2381 – ECE Child Growth & Development | 3 |
| Elective General Education Courses | Credits |
| PSY 2441 – Child Development | 3 |
| Schedule – Year 2 (32 Credit Hours) Otero College | |
| Semester 1 (General Education Courses) (16 Credit Hours) | Credits |
| ENG 1022 – English Composition II: GT-CO2 | 3 |
| GEO 1005 – World Geography: GT-SS2 | 3 |
| HIS 1210 – U.S. History to Reconstruction: GT-HI1 | 3 |
| ² SCI 1055 – Integrated Science I w/lab: SC1 | 4 |
| Semester 2 (Intro to Ed Clinical Block) (16 Credit Hours) | Credits |

| | |
|---|----------------|
| ECE 1111 – Infant/Toddler Theory/Practice | 3 |
| ECE 1125 – Infant/Toddler Lab Tech *75 hours of field experience | 3 |
| ECE 2621 – Curriculum Methods/Techniques | 3 |
| Elective General Education Courses | Credits |
| LIT 1015 – Intro to Literature I: GT-AH2 OR | 3 |
| LIT 2055 – Children’s Literature: GT-AH2 | 3 |
| ² SCI 1056 – Integrated Science II w/lab: GT-SC1 | 4 |
| AA degree earned with 60 credits | |

- Gen Ed Courses may be taken in any order
- ENG & MAT 000 level courses do not apply to this degree plan
- Apply to CU Denver Year 2, Semester 2 (need a 2.3 GPA)
- Any courses transferred into Otero for AA must also be evaluated by CU Denver Advisor to ensure ultimate transfer to CU Denver

¹ Denotes clinical blocks; courses highly recommended to be taken together

² Students must pass with a C- or higher in BOTH SCI 1055 & 1056 to satisfy the GT Pathways science requirement.

| | |
|--|----------------|
| Schedule – Year 3 (35 Credit Hours) University of Colorado Denver (@ Otero College) | |
| Semester 1 (Literacy Learning Clinical Block) (17 Credit Hours) | Credits |
| ³ EDHD - 2930* Learning & Dev *60 hours of field experience & seminar | 2 |
| ³ LCRT - 3720 Intro Writing Dev & Teaching | 3 |
| ³ LCRT - 4710 Primary Literacy for Diverse Learners Pre K-3 | 3 |
| CLDE - 2000* Foundations of CLDE | 3 |
| Take @ Otero College | |
| EDU 2341 - Multicultural Education | 3 |

| | |
|--|----------------|
| ECE 2401 - Admin of ECE programs | 3 |
| Semester 2 (15 Credit Hours) | Credits |
| EDFN 4010* - Social Foundations & Cultural Diversity | 3 |
| ECED 4030 - Nutrition Health & Safety | 3 |
| Cultural Diversity Core | 3 |
| Take @ Otero College | |
| EDU 2611 - Teach, Learn, & Tech | 3 |
| ECE 2601 - Exceptional Child | 3 |
| <i>Apply for Professional Year Admission- 3.0 Min GPA</i> | |
| Summer Semester (3 Credit Hours) | Credits |
| MTED 3040* - Math for ECE/ Elem Teachers | 3 |
| Schedule – Year 4 (31 Credit Hours) Professional Year (PY) Residency | |
| PY Residency Semester 1 (16 Credit Hours) | Credits |
| ECED 4931 – Residency Internship & Learning Comm Sem I Tues & Wed in the School | 2 |
| ECED 4932 – Residency Internship & Learning Comm Sem II Tues & Wed in the School | 2 |
| UEDU 4040 - Plan for Learning | 3 |
| LCRT 4000 - Elem/ECE Literacy Inst & Assessment I | 3 |
| MTED 4002 - Elem/ECE Math Tchg I | 3 |
| SCED 4004 - Elem/ECE Science Teaching | 3 |
| Pass PRAXIS | |
| PY Residency Semester 2 (15 Credit Hours) | Credits |

| | |
|---|---|
| ECED - 4933 Residency Internship & Learning Comm Sem III T/W/TH 1 st 8 wks: full time in school last 8 wks | 6 |
|---|---|

| | |
|--|---|
| UEDU - 4050 Capstone: Elem/ECE Curriculum, Instruction & Assessment | 3 |
|--|---|

| | |
|-------------------------------|---|
| ECED - 4200 Assessment in ECE | 3 |
|-------------------------------|---|

| | |
|------------------------------------|---|
| ECED – 4650 Dual Language Learners | 3 |
|------------------------------------|---|

ALL PY Courses & Residency Internships Must Be Taken Exactly as Shown Above

BA degree & ECE Teaching License earned with 126 credits

³ Literacy Learning Clinical Block courses must be taken together

- Apply to Professional Year Residency in Year 3 Semester 2, 3.0 GPA required
- Pass ECE Praxis #5024 Prior to PY Residency Semester 2; Pass Reading Teacher Praxis #5205 prior to lead weeks of student teaching
- All courses during PY Residency and (*) courses must be passed with B- or better

Elementary Teacher Education AA

[Statewide Transfer Agreement for Elementary Teacher Education Program](#)

DEGREE & COURSE INFORMATION

An associate degree in Elementary Teacher Education can be a first step toward a career as an elementary school teacher, special education teacher, school administrator, instructional designer, or professional tutor. This degree is transferable to universities offering a bachelor's degree in Elementary Education, Inclusive Elementary Education, Human Development, Interdisciplinary Studies, Liberal Arts, and Liberal Studies.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an Elementary Education program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase your likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of pedagogy and child development will grow and deepen. Coursework will include Introduction to Education and Child Development. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Elementary Teacher Education - AA (60 credits)

Required Courses that Fulfill General Education Requirements (35 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|--------------|--|
| (Written) Communication | 6 | ENG 1021 English Composition I AND ENG 1022 English Composition II |
| Mathematics | 6 | MAT 1220 Integrated Math I (GT-MA1) AND **MAT 1230 Integrated Math II (GT-MA1) |
| Arts & Humanities | 6 | LIT 2055 Children's Literature (GT-AH2) AND One additional GT-AH2 course |
| History | 3 | HIS 1210 U. S. History to Reconstruction (GT-HI1) OR HIS 1220 U.S. History Since the Civil War (GT-HI1) |
| Social & Behavioral Sciences | 6 | GEO 1005 World Regional Geography (GT-SS2) OR GEO 1006 Human Geography PSC 1011 American Government (GT-SS1) |
| Natural & Physical Sciences | 4 | SCI 1055 Integrated Science I with lab (GT-SC1) |
| | 4 | ****SCI 1056 Integrated Science II with lab (GT-SC1) |

*Additional Required Courses (16 Credit Hours) & Electives (9 Credit Hours)

| Credit Hours | Course Number and Title |
|--------------|-------------------------|
|--------------|-------------------------|

| | | |
|------------------------------|---|--|
| Arts and Humanities | 3 | Appreciation (GT-AH1) OR Music Appreciation (GT-AH1) OR Theatre Appreciation (GT-AH1) OR Dance Appreciation (GT-AH1) |
| Social & Behavioral Sciences | 3 | Child Development (GT-SS3) |
| Field of Study | 3 | Introduction to Education |
| | 3 | Multicultural Education |
| | 3 | Teaching, Learning, and Technology |
| | 1 | Practicum II, Field Experience (co-DU 2211) OR other one-credit course |

Electives – 9 credit hours determined by the receiving institution. [Elementary Teacher Education - Electives by receiving institution](#)

[Elementary Teacher Education - CMU Only](#)

[Elementary Teacher Education - CMU Electives](#)

** Some educator preparation programs require a B- in ENG 1021/121 as an admission requirement. However, a C- or better meets the general education GT-CO1 requirement.*

*** Completion of MAT 1220/155 AND 1230/156 with a C- or higher will satisfy the GT Pathways math requirement at some institutions but not all. At the receiving institution's discretion, students may be asked to complete a GT-MA1 approved course.*

**** MAT 1220/155 and MAT 1230/156 became approved GT Pathways courses, effective Summer 2020.*

***** Students must pass with a C- or higher in BOTH SCI 1055/155 AND 1056/156 to satisfy the GT Pathways science requirement.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Elementary Teacher Education AA degree from Otero College.

Adams State University

[B.A. Interdisciplinary Studies]

Colorado Mesa University

[B.A. Liberal Arts]

Colorado Mountain College

[B.A. Interdisciplinary Studies]

Colorado State University-Pueblo

[B.S. Liberal Studies]

Fort Lewis College

[B.A. Elementary Education]

Metropolitan State University of Denver

[B.A. Elementary Education; B.A. Human Development]

University of Colorado Boulder

[B.A. Elementary Education]

University of Colorado - Colorado Springs

[B.A. Inclusive Elementary Education; B.A. Biology, B.A. English Literature, B.A. Geography & Environmental Studies, B.A. History, or B.A. Spanish]

University of Colorado Denver

[B.A. Education and Human Development – Elementary Education]

University of Northern Colorado

[B.A. Elementary Education]

Western Colorado University

[B.A. Elementary Education, CLD emphasis]

T-Prep Middle School Math @ Otero College - AA to BA in Education & Human Development

T-Prep Inquiry Form: https://application.admissions.ucdenver.edu/register/ugrd_sehd_tprep

4 Year Schedule for Middle School Math – AA to BA in Education & Human Development

4-year plan is designed to be taken in sequence as specified in each year. Exception is core courses which can be shifted between semesters or taken during summer semester during Otero College first two years.

Schedule – Year 1 (31 Credit Hours) Otero College

| Semester 1 (14 Credit Hours) | Credits |
|--|---------|
| COM 1150 – Public Speaking OR COM 1250 – Interpersonal Communications: GT-SS3 | 3 3 |
| ENG 1021 – English Composition I: GT-CO1 | 3 |
| MAT 1260 – Intro to Statistics: GT-MA1 | 3 |
| MAT 2410 – Calculus I: GT-MA1 | 5 |
| Semester 2 (17 Credit Hours) | Credits |
| ⁴ ECE 1088 – Practicum I | 2 |
| ⁴ EDU 2211 – Intro to Education | 3 |
| EDU 2611 – Teaching, Learning & Technology | 3 |
| ENG 1022 – English Composition II: GT-CO2 | |
| HIS 1210 – U.S. History to Reconstruction OR Any GT-HI1 approved course | 3 3 |
| MAT 2500 – Intro to Proof and Reasoning | 3 |

Schedule – Year 2 (35 Credit Hours) Otero College

| Semester 1 (17 Credit Hours) | Credits |
|------------------------------|---------|
|------------------------------|---------|

| | |
|--|----------------|
| ⁵ EDU 2088 – Practicum II | 2 |
| ⁵ EDU 2401 – Teaching Exceptional Learners | 3 |
| MAT 2562 – Diff Eq/Engineer Application: GT-MA1 | 4 |
| PHY 1111 – Physics: Alg-based I w/lab: GT-SC1 Otero offers this course during fall term, once only every other year | 5 |
| PSY 2440 – Human Growth & Development: GT-SS3 | 3 |
| Semester 2 (18 Credit Hours) | Credits |
| Any ART prefixed GT approved course | 3 |
| A Behavioral Science GT approved course. Recommend: PSY 2441 – Child Development: GT-SS3 | 3 |
| EDU 2341 – Multicultural Education | 3 |
| LIT 1015 – Intro to Literature I: AH2 | 3 |
| PSC 1011 – American Government: SS1 | 3 |
| SCI 1105 – Science in Society: SC1 | 3 |

AA degree earned with 60 credits

- Gen Ed Courses may be taken in any order
- C or higher required in English Comp courses
- ENG & MAT 000 level courses do not apply to this degree plan
- Apply for CU Denver Year 2, Semester 2 (need a 2.3 GPA)
- Any courses transferred into Otero for AA must also be evaluated by CU Denver Advisor to ensure ultimate transfer to CU Denver
- If student is not Calculus 1 ready there are two additional courses:
 - MAT 121 College Alg (4) (F/S/S) and MAT 122 Trig (3 c) (F/S)

⁴ Denotes clinical blocks courses must be taken together

⁵ Denotes clinical blocks courses must be taken together

Schedule – Year 3 (35-56 Credit Hours) University of Colorado Denver (@ Otero College)

| | |
|----------------------------------|----------------|
| Summer 1 (3 Credit Hours) | Credits |
|----------------------------------|----------------|

| | |
|--|----------------|
| MTED 3040: Math for Elem Teachers | 3 |
| Semester 2 (Literacy Learning Clinical Block) (17 Credit Hours) | Credits |
| ⁶ EDHD - 2930*: Learning & Dev | 2 or 3 |
| ⁶ CLDE - 2000: Foundations of CLDE | 3 |
| ⁶ SPED - 4400: Universal Design for Learning | 3 |
| Any Core Cultural Diversity Course | 3 |
| Semester 2 (15 Credit Hours) | Credits |
| ⁷ EDHD - 3930*: Diverse Learners | 3 |
| ⁷ EDFN - 4010*: Social Foundations & Cultural Diversity | 3 |
| ⁷ SPED - 4300: Family, Professional, and Community Collaboration | 3 |
| ⁷ CLDE - 4020*: Responsive Classroom Communities | 3 |
| MTED - 4623: Geom Ways Of Reasg OR one of this sequence | 3 |
| Take MS Math Praxis #5169 | |
| Summer Semester (6 Credit Hours) | Credits |
| STME 4001*: Intro to Pedagogy for STEM | 3 |
| MTED 4621: A World of (Different) Numbers Quantity and Operation OR one of this sequence | 3 |
| Schedule – Year 4 (25 Credit Hours) Professional Year (PY) Residency | |
| PY Residency Semester 1 (13 Credit Hours) | Credits |
| UEDU 4931 – Residency Internship & Learning Comm Sem I | 2 |
| UEDU 4932 - Residency Internship & Learning Comm Sem II | 2 |

| | |
|---|----------------|
| MTED 4622: Expanding Conceptions of Algebra OR one of this sequence | 3 |
| MTED 4300: Cur & Methods for Tchg Math (Hybrid) | 3 |
| LCRT 4100: Secondary Literacy Instruction Assessment | 3 |
| PY Residency Semester 2 (12 Credit Hours) | Credits |
| MTED 4301: Assmt & Eq in Math Instr (Online) | 3 |
| UEDU - 4050 Capstone: Elem/ECE Curriculum, Instruction & Assessment | 3 |
| STME 4051: Capstone (Zoom in) | 3 |
| UEDU 4933: Res Intshp & Lrng Com Sem III | 6 |

ALL PY Courses & Residency Internships Must Be Taken Exactly as Shown Above

BA degree & Middle School Math Teaching License earned with 126 credits

⁶ Courses must be taken together

⁷ Courses must be taken together

- Apply to Professional Year Residency in Year 3 Semester 2, 3.0 GPA required
- Pass Praxis (MS Math #5169) before start of Year 4 Semester 2
- All courses during PY Residency and (*) courses must be passed with B- or better
- Student can also take and pass secondary math Praxis (#5161) to add the secondary math 7-12 endorsement to their MS Math License

T-Prep Elementary Education @ Otero College - AA to BA in Education & Human Development

T-Prep Inquiry Form: https://application.admissions.ucdenver.edu/register/ugrd_sehd_tprep

4 Year Schedule for Elementary Education – AA to BA in Education & Human Development

4-year plan is designed to be taken in sequence as specified in each year.

Schedule – Year 1 (33 Credit Hours) Otero College

Semester 1 (17 Credit Hours)

Credits

| | |
|--|----------------|
| ¹ EDU 2211 – Intro to Ed | 3 |
| ¹ EDU 1088 – Practicum 30 hrs field experience & Seminar | 3 |
| ENG 1021 – English Comp I | 3 |
| POS 1011 – American Govt | 3 |
| PSY 1001 Gen Psychology | 3 |
| Arts/Humanities GT 1, 3, 4 | 3 |
| Semester 2 (16 Credit Hours) | Credits |
| EDU 2341 – Multicultural Ed Or EDU 2611 Tchg, Lrng, & Tech | 3 |
| ENG 1022 – English Comp II | 3 |
| LIT 1015 – Intro to Literature | 3 |
| GEO 1055 – WR Geography | 3 |
| Science with lab | 4 |
| Schedule – Year 2 (27 Credit Hours) Otero College | |
| Semester 1 (14 Credit Hours) | Credits |
| ² EDU 2401 – Teaching Exceptional Learners | 3 |
| ² EDU 2088 – Practicum 60 hrs field experience & seminar (Fall only) | 2 |
| PSY 2441 – Child Development | 3 |
| COM 1150 – Public Speaking | 3 |
| MAT 1260 – Intro to Stats or GT Math: | 3 |
| MAT 1240 – Math for Liberal Arts or | 4 |
| MAT 1340 – College Algebra | 4 |
| Semester 2 (13 Credit Hours) | Credits |
| EDU 2341 – Multicultural Ed or | 3 |

| | |
|--|---|
| EDU 2611 Teaching, Learning & Tech. | 3 |
| Science without lab | 3 |
| HIS 1210 – US History | 3 |
| 4 credit elective (Recommend math or science elective) | 3 |

AA degree earned with 60 credits

- Gen Ed Courses may be taken in any order
 - C or higher required in English Comp courses
 - CCR & MAT 000 level courses do not apply to this degree plan
 - Apply for CU Denver Year 2, Semester 2 (need a 2.3 GPA)
 - Any courses transferred into Otero for AA must also be evaluated by CU Denver Advisor to ensure ultimate transfer to CU Denver
- ¹ Denotes clinical blocks; courses must be taken together
² Denotes clinical blocks; courses must be taken together

Schedule – Year 3 (35 Credit Hours) University of Colorado Denver (@ Otero College)

| Semester 1 (11-14 Credit Hours) | Credits |
|---|----------------|
| ¹ EDHD 2930* – Learning & Development 60 hrs field experience & seminar | 2 |
| ³ LCRT 3720 – Intro Writing Dev & Teaching | 3 |
| ³ LCRT 4710 – Primary Literacy for Diverse Learners Pre K-3 | 3 |
| ³ CLDE - 2000: Foundations of CLDE (Hybrid) | 3 |
| HDRF 3020 – Cultural Diversity Core (Online) | 3 |
| Semester 2 (15 Credit Hours) | Credits |
| ⁴ EDHD - 3930*: Diverse Learners 120 hrs field experience & seminar | 3 |
| ⁴ EDFN - 4010*: Social Foundations & Cultural Diversity | 3 |
| ⁴ CLDE 3830 Cult. & Ling. Responsive Teaching in STEM (Hybrid) | 3 |

| | |
|--|---|
| ⁴ CLDE - 4020*: Responsive Classroom Communities (Hybrid) | 3 |
|--|---|

| | |
|---|---|
| ⁴ SPED 4300 – Family, Professional & Comm Collaboration (Online) | 3 |
|---|---|

Apply for Professional Year Admission – 3.0 Min GPA

| Summer Semester (6-9 Credit Hours) | Credits |
|---|----------------|
|---|----------------|

| | |
|---|---|
| MAT 3040* – Math for Elementary Teachers (Hybrid) | 3 |
|---|---|

| | |
|--|---|
| SPED 4400 – Universal Design for Learning (Online) | 3 |
|--|---|

| | |
|---|---|
| Cultural Diversity Core if not taken earlier (Online) | 3 |
|---|---|

Schedule – Year 4 (31 Credit Hours) Professional Year (PY) Residency

| PY Residency Semester 1 (16 Credit Hours) | Credits |
|--|----------------|
|--|----------------|

| | |
|--|---|
| UEDU 4931 – Residency Internship & Learning Comm Sem I Tues & Wed in the School | 2 |
|--|---|

| | |
|---|---|
| UEDU 4932 - Residency Internship & Learning Comm Sem II Tues & Wed in the School | 2 |
|---|---|

| | |
|-----------------------------------|---|
| UEDU 4040 – Planning for Learning | 3 |
|-----------------------------------|---|

| | |
|--|---|
| LCRT 4000 – Elem. Literacy Inst & Assessment Pre K-2 | 3 |
|--|---|

| | |
|------------------------------------|---|
| SCED 4004 – Elem. Science Teaching | 3 |
|------------------------------------|---|

PASS PRAXIS

| PY Residency Semester 2 (15 Credit Hours) | Credits |
|--|----------------|
|--|----------------|

| | |
|---|---|
| UEDU 4933 – Residency Internship & Learning Comm Sem. III T/W/Th 1 st 8 wks; full time in school last 8 wks | 6 |
|---|---|

| | |
|--|---|
| UEDU - 4050 Capstone: Elem. Curriculum, Instruction & Assessment | 3 |
|--|---|

| | |
|---|---|
| LCRT 4001 – Elem. Literacy Inst. & Assessment 3-6 | 3 |
|---|---|

ALL PY Courses & Residency Internships Must Be Taken Exactly as Shown Above**BA degree & Middle School Math Teaching License earned with 126 credits**³ Denotes clinical blocks; courses must be taken together; extended plans are available⁴ Denotes clinical blocks; courses must be taken together; extended plans are available

- Apply to Professional Year Residency in Year 3 Semester 2, 3.0 GPA required
- Pass Praxis (multiple subjects exam 5001) before start of Year 4 Semester 2
- All courses during PY Residency and (*) courses must be passed with B- or better

T-Prep Secondary Science License @ Otero College - AA to BA in Education & Human Development

T-Prep Inquiry Form: https://application.admissions.ucdenver.edu/register/ugrd_sehd_tprep

4 Year Schedule for Secondary Science License – AA to BA in Education & Human Development

4-year plan is designed to be taken in sequence as specified in each year.

Schedule – Year 1 (33 Credit Hours) Otero College

| Semester 1 (16 Credit Hours) | Credits |
|---|---------|
| BIO 1111 – General Bio I | 5 |
| CHE 1111 – General Chem I | 5 |
| ENG 1021 – English Comp I | 3 |
| COM 1150 – Public Speaking | 3 |
| Semester 2 (17 Credit Hours) | Credits |
| ¹ EDU 2211 – Introduction to Education | 3 |
| ¹ EDU 1088 – Practicum I | 2 |

| | |
|-----------------------------------|---|
| BIO 2120 – General Zoology w/ Lab | 5 |
|-----------------------------------|---|

| | |
|--|---|
| MAT 1340 – College Algebra (or Calculus 1) | 4 |
|--|---|

| | |
|---|---|
| POS 1011 – Social & Behavioral Science Core | 3 |
|---|---|

Schedule – Year 2 (33 Credit Hours) Otero College

| Semester 1 (16 Credit Hours) | Credits |
|-------------------------------------|----------------|
|-------------------------------------|----------------|

| | |
|---|---|
| ² EDU 2401 – Teaching Exceptional Learners | 3 |
|---|---|

| | |
|-----------------------------------|---|
| ² EDU 2088 – Practicum | 2 |
|-----------------------------------|---|

| | |
|---|---|
| PHY 1111 – Physics Alg-Based I/Lab: SC1 | 5 |
|---|---|

| | |
|----------------------------|---|
| ENG 1022 – English Comp II | 3 |
|----------------------------|---|

| | |
|---|---|
| PSY 2440 – Human Growth & Development or PSY 244 – Child Development | 3 |
|---|---|

| Semester 2 (17 Credit Hours) | Credits |
|-------------------------------------|----------------|
|-------------------------------------|----------------|

| | |
|---|---|
| PHY 1112 – College Physics II or CHE 1111 – General Chem I | 5 |
|---|---|

| | |
|------------------------------------|---|
| EDU 2341 – Multicultural Education | 3 |
|------------------------------------|---|

| | |
|-----------------------------|---|
| Arts GT Pathway Core course | 3 |
|-----------------------------|---|

| | |
|----------------------------|---|
| LIT 1015 – Humanities Core | 3 |
|----------------------------|---|

AA degree earned with 60 credits

- Gen Ed Courses may be taken in any order
- C or higher required in English Comp courses
- Apply for CU Denver Year 2, Semester 2 (need a 2.3 GPA)
- Any courses transferred into Otero for AA must also be evaluated by CU Denver Advisor to ensure ultimate transfer to CU Denver

¹ Denotes clinical blocks; courses must be taken together

² Denotes clinical blocks; courses must be taken together

Schedule – Year 3 (35 Credit Hours) University of Colorado Denver (@ Otero College)

| Semester 1 (12 Credit Hours) | Credits |
|-------------------------------------|----------------|
|-------------------------------------|----------------|

| | |
|---|----------------|
| ³ EDHD 2930* – Learning & Development 60 hrs field experience & seminar | 2 |
| ³ CLDE - 2000: Foundations of CLDE (Hybrid) | 3 |
| HDRF 3020 – Cultural Diversity Core | 3 |
| GEY 1111 – Physical Geology I (Fall - Otero) | 4 |
| Semester 2 (17 Credit Hours) | Credits |
| ⁴ EDHD - 3930*: Diverse Learners 120 hrs field experience & seminar | 3 |
| ⁴ EDFN - 4010*: Social Foundations & Cultural Diversity | 3 |
| ⁴ CLDE 4020* - Responsive Classroom Communities | 3 |
| BIO 1112 – General Biology II (Otero) | 5 |
| SCED 4340** - Equity & culture in Science Education: Local/Global | 3 |
| <i>Apply for Professional Year Admission – 3.0 Min GPA</i> | |
| Summer Semester (6 Credit Hours) | Credits |
| SCED 4350** – Issues and Trends in Science Education | 3 |
| STME 4001* - Intro to Pedagogy for STEM | 3 |
| Schedule – Year 4 (25 Credit Hours) Professional Year (PY) Residency | |
| PY Residency Semester 1 (13 Credit Hours) | Credits |
| UEDU 4931 – Residency Internship & Learning Comm Sem I | 2 |
| UEDU 4932 - Residency Internship & Learning Comm Sem II | 2 |
| SPED 4400 – Universal Design for Learning | 3 |
| LCRT 4100 – Secondary Literacy Instruction & Assessment | 3 |

| | |
|---|----------------|
| SCED 4400 – Theory & Pedagogy of Science Instruction | 3 |
| PY Residency Semester 2 (12 Credit Hours) | Credits |
| UEDU 4933 – Residency Internship & Learning Comm Sem. III | 6 |
| SCED 4401 – Inquiry Science Pedagogy and Practices | 3 |
| STME 4051 – STEM Capstone | 3 |

ALL PY Courses & Residency Internships Must Be Taken Exactly as Shown Above

BA degree & Middle School Math Teaching License earned with 126 credits

³ Denotes clinical blocks; courses must be taken together

⁴ Denotes clinical blocks; courses must be taken together

- Apply to Professional Year Residency in Year 3 Semester 2, 3.0 GPA required
- Pass Praxis (Science Content exam 5435) before start of Year 4 Semester 2
- All courses during PY Residency and (*) courses must be passed with B- or better
- **SCED 4540 & SCED 4350 must be passed with a C or better

T-Prep Special Education @ Otero College - AA to BA in Education & Human Development

T-Prep Inquiry Form: https://application.admissions.ucdenver.edu/register/ugrd_sehd_tprep

4 Year Schedule for Special Education – AA to BA in Education & Human Development

4-year plan is designed to be taken in sequence as specified in each year.

Schedule – Year 1 (33 Credit Hours) Otero College

| | |
|--|----------------|
| Semester 1 (17 Credit Hours) | Credits |
| ¹ EDU 2211 – Intro to Ed | 3 |
| ¹ EDU 1088 – Practicum 30 hrs field experience & Seminar | 2 |

| | |
|---|----------------|
| ENG 1021 – English Comp I | 3 |
| POS 1011 – American Govt | 3 |
| PSY 1001 Gen Psychology | 3 |
| Arts/Humanities GT 1, 3, 4 | 3 |
| Semester 2 (16 Credit Hours) | Credits |
| EDU 2341 – Multicultural Ed Or EDU 2611 Tchg, Lrng, & Tech (Spring Only) | 3 |
| ENG 1022 – English Comp II | 3 |
| LIT 1015 – Intro to Literature | 3 |
| GEO 1055 – WR Geography | 3 |
| Science with lab | 4 |
| Schedule – Year 2 (27 Credit Hours) Otero College | |
| Semester 1 (14 Credit Hours) | Credits |
| ² EDU 2401 – Teaching Exceptional Learners | 3 |
| ² EDU 2088 – Practicum 60 hrs field experience & seminar (Fall only) | 2 |
| PSY 2441 – Child Development | 3 |
| COM 1150 – Public Speaking | 3 |
| SPED 4400 – Universal Design for Learners CU Denver Course Fall or Summer only online/remote | 3 |
| Semester 2 (13 Credit Hours) | Credits |
| EDU 2341 – Multicultural Ed or EDU 2611 Teaching, Learning & Tech. (Spring only) | 3 |
| Science without lab | 3 |
| HIS 1210 – US History | 3 |

GT Math Requirement:

| | |
|--|---|
| MAT 1240 – Math for Liberal Arts or | 4 |
| MAT 1340 – College Algebra or | 4 |
| MAT 1260 – Intro to Stats (Can add on 1 credit MAT | 3 |
| 136 Comp App for Stats if needed) | |

AA degree earned with 60 credits

- Gen Ed Courses may be taken in any order
 - B or higher required in English Comp courses
 - CCR & MAT 000 level courses do not apply to this degree plan
 - Apply for CU Denver Year 1, Semester 2 (need a 2.3 GPA)
 - Any courses transferred into Otero for AA must also be evaluated by CU Denver Advisor to ensure ultimate transfer to CU Denver
- ¹ Denotes clinical blocks; courses must be taken together
² Denotes clinical blocks; courses must be taken together

Schedule – Year 3 (38 Credit Hours) University of Colorado Denver (@ Otero College)

| Semester 1 (14-17 Credit Hours) | Credits |
|---|----------------|
| ³ EDHD 2930* – Learning & Development 60 hrs field experience & seminar | 2 |
| ³ LCRT 3720 – Intro Writing Dev & Teaching | 3 |
| ³ LCRT 4710 – Primary Literacy for Diverse Learners Pre K-3 | 3 |
| ³ CLDE – 2000*: Foundations of CLDE (Hybrid) | 3 |
| SPED 4740 – CLDE & SPED (Fall only online/remote) | 3 |
| Cultural Diversity Core (Online) | 3 |
| Semester 2 (15 Credit Hours) | Credits |
| ⁴ EDHD - 3930*: Diverse Learners 120 hrs field experience & seminar | 3 |
| ⁴ EDFN - 4010*: Social Foundations & Cultural Diversity | 3 |
| ⁴ CLDE 4020* - Responsive Classroom Communities (Hybrid) | 3 |

| | |
|---|---|
| ⁴ SPED 4300 – Family, Professional & Comm Collaboration (Online) | 3 |
|---|---|

| | |
|---|---|
| SPED 4780 – SPED Literacy (Spring Only online/remote) | 3 |
|---|---|

Apply for Professional Year Admission – 3.0 Min GPA

| Summer Semester (6-9 Credit Hours) | Credits |
|--|----------------|
| MAT 3040* – Math for Elementary Teachers (Hybrid) | 3 |
| SPED 4151 – Promoting Positive Behaviors (Summer only online/remote) | 3 |
| Cultural Diversity Core if not taken earlier (Online) | 3 |

Schedule – Year 4 (28 Credit Hours) Professional Year (PY) Residency

| PY Residency Semester 1 (16 Credit Hours) | Credits |
|---|----------------|
| UEDU 4931 – Residency Internship & Learning Comm Sem I Tues & Wed in the School | 2 |
| UEDU 4932 - Residency Internship & Learning Comm Sem II Tues & Wed in the School | 2 |
| UEDU 4040 – Planning for Learning | 3 |
| LCRT 4000 – Elem. Literacy Inst & Assessment Pre K-2 | 3 |
| MTED 4002 – Elem. Math Teaching 1 | 3 |
| SPED 4010 – Interventions (Online/Remote) | 3 |

PASS PRAXIS

| PY Residency Semester 2 (12 Credit Hours) | Credits |
|---|----------------|
| UEDU 4933 – Residency Internship & Learning Comm Sem. III T/W/Th 1 st 8 wks; full time in school last 8 wks | 6 |
| SPED 4500 – Transitions (Online/Remote) | 3 |

ALL PY Courses & Residency Internships Must Be Taken Exactly as Shown Above**BA degree & Elementary Teaching License earned with 126 credits**³ Denotes clinical blocks; courses must be taken together; extended plans are available⁴ Denotes clinical blocks; courses must be taken together; extended plans are available

- Apply to Professional Year Residency in Year 3 Semester 2, 3.0 GPA required
- Pass Praxis (multiple subjects exam 5001 AND SPED Praxis exam 5434) before start of Year 4 Semester 2
- All courses during PY Residency and (*) courses must be passed with B- or better

English – Literature Emphasis AA

[Statewide Transfer Agreement for English - Literature Emphasis Program](#)

DEGREE & COURSE INFORMATION

An associate program in English could lead to a career as a high school teacher, copywriter, book editor, publisher, or librarian. This degree is transferable to universities offering a bachelor's degree in English.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of an English program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of cross the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of literary genres and writing techniques will grow and deepen. Coursework may include English Composition and Organization Communication. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

English - AA (60 credits)

Required Courses that Fulfill General Education Requirements (34 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|---------------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 (GT-CO3) course |
| Mathematics | 3 | One GT Pathways course (GT-MA1), prefer MAT 120/1240 Mathematics for Liberal Arts |
| Arts & Humanities | 9 | Three GT Pathways Arts & Humanities courses (GT-AH1, GT- AH2, GT-AH3, GT-AH4). Literature (LIT) courses will NOT be accepted to fulfill this requirement |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2); one must have the required laboratory (GT-SC1) |
| *Additional Required Courses (18 Credit Hours) & Electives (8 Credit Hours) | | |

| | Credit Hours | Course Number & Title |
|--|---------------------|---|
| | 3 | COM 1150 Public Speaking OR COM 1250 Interpersonal Communication (GT-SS3) OR COM 2250 Organizational Communication |
| | 15 | Five GT Pathways Arts & Humanities Literature (LIT) courses within the GT- AH2 category. At least four of the five LIT courses must be at the 2000-level. |

Electives (ENG 2021 Creative Writing I (GT-AH1) recommended) – 8 additional credit hours

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Art History AA degree from Otero College.

Adams State University

[B.A. English; Liberal Arts emphasis]

Colorado Mesa University

[B.A. English; Literature concentration]

Colorado State University-Ft Collins

[B.A. English]

Colorado State University-Pueblo

[B.A. English]

Fort Lewis College

[B.A. English; General option]

Metropolitan State University of Denver

[B.A. English]

University of Colorado Boulder

[B.A. English]

University of Colorado - Colorado Springs

[B.A. English]

University of Colorado Denver

[B.A. English; Literature emphasis]

University of Northern Colorado

[B.A. English; Liberal Arts emphasis]

Western Colorado University

[B.A. English]

Geology AS

[Statewide Transfer Agreement for Geology Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Geology, you will explore physical and historical geology, chemistry, and physics. This degree is transferable to universities offering a bachelor's degree in Geology, Geosciences, or Earth Sciences.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Geology program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, and Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of geology will grow and deepen. Coursework will include Physical Geology, Historical Geology, and Calculus. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Geology - AS (60 credits)

Required Courses that Fulfill General Education Requirements (36 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|--------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 (GT-CO2) course |
| Mathematics | 5 | MAT 2410 Calculus I (GT-MA1) |

| | | |
|------------------------------|---|---|
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, or GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 5 | CHE 1111 General College Chemistry I with lab (GT-SC1) |
| | 5 | CHE 1112 General College Chemistry II with lab (GT-SC1) |

***Additional Required Courses (23 Credit Hours) & Electives (1 Credit Hour)**

| | | |
|--|---|---|
| | 4 | GEY 1111 Physical Geology with lab (GT-SC1) |
| | 4 | GEY 1112 Historical Geology with lab (GT-SC1) |
| | 5 | MAT 2420 Calculus II (GT-MA1) |
| | 5 | PHY 2111 Physics: Calculus-based I with lab (GT-SC1) |
| | 5 | PHY 2112 Physics: Calculus-based II with lab (GT-SC1) |

Electives – 1 Credit Hour

** 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.

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.)

degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Geology AS degree from Otero College.

Adams State University

[B.A./B.S. Earth Sciences, Geology emphasis]

Colorado Mesa University

[B.S. Geosciences; Geology concentration]

Colorado State University-Ft Collins

[B.S. Geology; Geology concentration]

Fort Lewis College [B.S. Geology; Geology option]

Metropolitan State University of Denver

[B.S. Applied Geology]

University of Colorado Boulder

[B.A. Geology]

University of Northern Colorado

[B.S. Earth Sciences; Geology emphasis]

Western Colorado University

[B.A. Geology; Geology emphasis]

History AA

[Statewide Transfer Agreement for History Program](#)

DEGREE & COURSE INFORMATION

In an associate program in History, you will learn about different eras of world history, including the rise of western civilization, and how to construct historical arguments and narratives. This degree is transferable to universities offering a bachelor's degree in History.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a History program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of historic periods and trends will grow and deepen. Coursework will include The World: Antiquity to 1500, Western Civilization: 1650 to Present, and U.S. History to Reconstruction. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

History - AA (60 credits)

Required Courses that Fulfill General Education Requirements (34 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|---------------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 (GT-CO3) course |
| Mathematics | 3 | One GT Pathways Mathematics course (GT-MA1), prefer MAT 120/1240 Mathematics for the Liberal Arts |
| Arts & Humanities | 9 | Three GT Pathways Arts & Humanities courses from the following AH Categories: GT-AH1, GT- AH2, GT-AH3 or GT- AH4) |
| History | 3 | HIS 1310 Western Civilization: Antiquity-1650 (GT-HI1) OR *HIS 1110 The World: Antiquity-1500 (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2), one must be with laboratory (GT-SC1) |

***Additional Required Courses (15 Credit Hours) & Electives (11 Credit Hours)**

| Credit Hours | Course Number and Title |
|---------------------|---|
| 3 | HIS 1320 Western Civilization: 1650-Present (GT-HI1) OR *HIS 1120 The World: -Present (GT-HI1) |
| 3 | HIS 1210 U.S. History to Reconstruction (GT-HI1) |
| 3 | HIS 1220 U.S. History Since the Civil War (GT-HI1) |
| 3 | One additional GT Pathways HISTORY (HIS) course (GT-HI1) |
| 3 | COM 1150 Public Speaking OR COM 1250 Interpersonal Communication (GT-SS3) |

Electives – *Select 11 credit hours**

**Students planning to transfer to the University of Colorado Boulder must take either HIS 1310/101 OR HIS 1320/102 to fulfill this requirement.*

***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.*

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

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed History AA degree from Otero College.

Adams State University

[B.A. History, Anthropology & Political Science: History]

Colorado Mesa University

[B.A. History; History or Secondary Education concentrations]

Colorado State University-Ft Collins

[B.A. History; General History concentration]

Colorado State University-Pueblo

[B.A. History; General emphasis; B.S. History; General emphasis]

Fort Lewis College

[B.A. History; United States option]

Metropolitan State University of Denver

[B.A. History]

University of Colorado Boulder

[B.A. History]

University of Colorado - Colorado Springs

[B.A. History]

University of Colorado Denver

[B.A. History]

University of Northern Colorado

[B.A. History; Liberal Arts emphasis]

Western Colorado University

[B.A. History]

Law Enforcement Related Programs

Law Enforcement AAS

DEGREE & COURSE INFORMATION

The Associate of Applied Science degree combines the Law Enforcement Training Academy with related general education courses to assist in career advancement. Please refer to the Law Enforcement Training Academy certificate information in the catalog for specific requirements for the peace officer certification program.

To request a Law Academy Student Information Packet from the Otero College Student Services, call 719-384-6831 or contact the Academy Director at 719-384-6867 or otero-lawacademy@otero.edu

This Associate of Applied Science degree articulates into Colorado Mesa University's (CMU) Bachelor of Applied Science in Public Administration/Public Safety degree program. www.coloradomesa.edu. Please talk to an advisor for more information.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Law Enforcement Associate of Applied Science Degree Courses

| Required Courses | | Credits |
|------------------|-----------------------------------|---------|
| LEA 1001 | Basic Police Academy I | 6 |
| LEA 1002 | Basic Police Academy II | 12 |
| LEA 1003 | Basic Law Enforcement Academy III | 2 |
| LEA1004 | Basic Law Enforcement Academy IV | 1 |
| LEA 1005 | Basic Law | 8 |
| LEA 1006 | Arrest Control Techniques | 3 |
| LEA 1007 | Law Enforcement Driving | 3 |
| LEA 1008 | Firearms | 3 |
| LEA 1010 | Career Management | 1 |
| LEA 1011 | Law Enforcement Defensive Weapons | 1 |
| ENG 1021 | English Composition I | 3 |

| | | |
|-----------|--|--------|
| ENG 1022 | English Composition II | 3 |
| *MAT 1140 | Career Math or MAT 1340 College Algebra | 3 or 4 |
| PSY 1001 | General Psychology I or SOC 1001 Introduction to Sociology I | 3 |
| PSC 1011 | American Government | 3 |
| PSC 1025 | State and Local Governments | 3 |
| **HIS | History Elective | 3 |
| CIS 1018 | Intro to PC Applications or BUS 1015 Introduction to Business or MAN 2026 Principles of Management | 3 |

*MAT 1140 will not count towards transfer into the BAS in Public Administration/Public Safety at Colorado Mesa University **HIS 1310, HIS 1320, HIS 1210, or HIS 1220

Law Enforcement Training Academy Certificate

CERTIFICATE & COURSE INFORMATION

The Law Enforcement Training Academy prepares individuals to successfully sit for the Colorado P.O.S.T. (Peace Officer Standards and Training) Certification Examination, a necessary requirement to becoming a peace officer in Colorado. The Academy is staffed with experienced and professional law enforcement instructors with years of street and instructional experience.

This is a one-semester intensive peace officer certification program that provides tried-and-true police procedures plus exposure to the latest innovations and technologies. The Academy offers additional training necessary for today's entry-level Peace Officer. Law enforcement training academy applicants cannot have any felony convictions, domestic violence convictions, child support violations of the Child Support Enforcement Act or military separation with any less than honorable conditions. Applicants with any section 24-31-305, Colorado Revised Statute convictions, theft or any moral turpitude convictions, must have a Colorado POST Rule 7 Variance prior to submitting an application.

The application process for the Law Academy: possess a high school diploma or GED, hold a valid driver's license, complete the Otero application process including the FAFSA (financial aid), apply for Colorado Opportunity Funds, complete the Law Enforcement Academy Registration Packet including two letters of recommendations, submit a completed POST

fingerprint background check impression card and complete the academy pre-admission interview with the director.

Prospective students are encouraged to visit the Law Enforcement Training Academy website. To request a Law Academy Student Information Packet from the Otero College Student Services, call 719-384-6831 or contact the Academy Director at 719-384-6867 or Vincent.Fraker@otero.edu

Professional Licensure Disclosure

Students are advised to review the information on the CCCS Professional Licensure Disclosure page; <https://at.cccs.edu/professional-licensure-disclosure/> BEFORE beginning a program that leads to professional licensure with the intent to be licensed outside of the state of Colorado. Review the licensing information provided for the applicable program(s) below. While CCCS colleges endeavor to ensure this information is up to date, changes in licensure requirements of any state can change at any time. Contact the appropriate licensing agency in the U.S. states and territories where licensure is intended. This will enable you to obtain the most up-to-date information about licensure requirements and confirm the CCCS college program meets those requirements.

Law Enforcement Training Academy Certificate Courses

| Required Courses | | Credits |
|-------------------------|-----------------------------------|----------------|
| LEA 1001 | Basic Police Academy I | 6 |
| LEA 1002 | Basic Police Academy II | 12 |
| LEA 1003 | Basic Law Enforcement Academy III | 2 |
| LEA1004 | Basic Law Enforcement Academy IV | 1 |
| LEA 1005 | Basic Law | 8 |
| LEA 1006 | Arrest Control Techniques | 3 |
| LEA 1007 | Law Enforcement Driving | 3 |
| LEA 1008 | Firearms | 3 |
| LEA 1010 | Career Management | 1 |
| LEA 1011 | Law Enforcement Defensive Weapons | 1 |

Mathematics AS

[Statewide Transfer Agreement for Mathematics Program](#)

DEGREE & COURSE INFORMATION

An associate program in Mathematics can be a building block toward a sought-after career as an economist, accountant, physicist, or software engineer. This degree is transferable to universities offering a bachelor's degree in Mathematics.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Mathematics program will include math and English courses to meet general education requirements. The completion of introductory math and English courses your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts & Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of mathematical concepts will grow and deepen. Coursework may include Calculus-Based Physics, Calculus with Engineering Applications, and Computer Science. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Mathematics - AS (60 credits)

Required Courses that Fulfill General Education Requirements (33 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|--------------|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) AND A GT Pathways-approved CO2 course (GT-CO2) OR A GT Pathways-approved CO2 course (GT-CO2) AND A GT Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 5 | MAT 2410 Calculus I (GT-MA1) |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities course (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |

| | | |
|------------------------------|---|---|
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GT-SC2), one must be with laboratory (GT-SC1) ¹ |

***Additional Required Courses (16-17 Credit Hours) & Electives (10-11)**

| | Credit Hours | Course Number and Title |
|--|---------------------|--|
| | 3 | COM 1150 Public Speaking OR COM 1250 Interpersonal Communications (GT-SS3) OR COM 2300 Intercultural Communication (GT-SS3) |
| | 5 | MAT 2420 Calculus II (GT-MA1) |
| | 4-5 | MAT 2430 Calculus III (GT-MA1) OR MAT 2431 Calculus III with Engineering Applications (GT-MA1) |
| | 4 | **CSC 1060 Computer Science I |

Electives – *Select 10-11 credit hours**

**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.*

***At CSU-Fort Collins, CSC 1060 will satisfy programming requirements for the mathematics major, but it can only serve as 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 courses to take.*

¹Please note: many receiving 4-year institutions prefer students to take PSY 2111/211 Calculus-based Physics I w/lab (5) to fulfill part of this requirement. Students should seek advising at their receiving institution for further recommendations.

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

**** Some courses may not be offered at Otero but are available at Colorado Online @ ****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Mathematics AS degree from Otero College.

Adams State University

[B.A. Mathematics]

Colorado Mesa University

[B.S. Mathematics; Mathematics, Secondary Education, or Statistics concentrations]

Colorado State University-Ft Collins

[B.S. Mathematics]

Colorado State University-Pueblo

[B.A. Mathematics; B.S. Mathematics]

Fort Lewis College

[B.A. Mathematics; Mathematics option]

Metropolitan State University of Denver

[B.A. Mathematics]

University of Colorado Boulder

[B.A. Mathematics]

University of Colorado - Colorado Springs

[B.A. Mathematics; B.S. Mathematics]

University of Colorado Denver

[B.S. Mathematics]

University of Northern Colorado

[B.S. Mathematics; Applied Mathematical Sciences or Liberal Arts emphases]

Western Colorado University

[B.A. Mathematics]

Music AA

[Statewide Transfer Agreement for Music Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Music, you will receive “ear training” and private instruction to work on aspects of musicality such as pitch, tone, and rhythm. This degree is transferable to universities offering a bachelor's degree in music, as well as visual and performing arts.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

Music - AS (60 credits)

Required Courses that Fulfill General Education Requirements (31 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|--------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways course (GT-MA1), prefer MAT 1240 Mathematics for Liberal Arts |
| Arts & Humanities | 6 | MUS 1021 Music History: Medieval through Classical (GT-AH1) MUS 1022 Music History: Early Romantic Period to Present (GT-AH1) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) ¹ |

| | | |
|-----------------------------|---|---|
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2); one must have the required laboratory (GT-SC1) |
|-----------------------------|---|---|

***Additional Required Courses (26 Credit Hours) & Electives (3 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|--------------|---|
| | 3 | MUS 1010 Music Theory I |
| | 3 | MUS 1011 Music Theory II |
| | 3 | MUS 2010 Music Theory III |
| | 3 | MUS 2011 Music Theory IV |
| | 1 | MUS 1012 Ear Training/Sight Singing I Lab |
| | 1 | MUS 1013 Ear Training/Sight Singing II Lab |
| | 1 | MUS 2012 Advanced Ear Training/Sight Singing I Lab |
| | 1 | MUS 2013 Advanced Ear Training/Sight Singing II Lab |
| | 1 | MUS 1051 Ensemble I |
| | 1 | MUS 1052 Ensemble II |
| | 1 | MUS 2051 Ensemble I |
| | 1 | MUS 2052 Ensemble II |
| | 1 | MUS 1041 Private Instruction |
| | 1 | MUS 1042 Private Instruction |
| | 1 | MUS 2041 Private Instruction |
| | 1 | MUS 2042 Private Instruction |
| | 2 | MUS 1031 Music Class I: Piano |

Any Music Elective – 3 Credit hours

**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.*

¹ CSU-Ft. Collins requires that one of these courses be PSY 1001/101 General Psychology I.

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Music – AA degree from Otero College.

Adams State University

[B.A. Music; Liberal Arts emphasis]

Colorado Mesa University

[B.A. Music]

Colorado State University-Ft Collins

[B.A. Music]

Colorado State University-Pueblo

[B.A. Music]

Fort Lewis College

[B.A. Music; General Studies Music option]

Metropolitan State University of Denver

[B.A. Music]

University of Colorado Boulder

[B.A. Music]

University of Colorado - Colorado Springs

[B.A. Visual & Performing Arts; Music option]

University of Northern Colorado

[B.A. Music]

Nursing & Allied Health Related Programs

Emergency Medical Services Certificate

CERTIFICATE & COURSE INFORMATION

The Emergency Medical Services certificate programs provide instruction for Emergency Medical Technician (EMT) and EMT Advanced. Successful completion of the Otero emergency medical training programs' requirements for graduation will also entitle the graduate to submit an application to the National Registry of Emergency Medical Technicians (NREMT) for Emergency Medical Technician or EMT Advanced certification testing.

Professional Licensure Disclosure

Students are advised to review the information on the CCCS Professional Licensure Disclosure page; <https://at.cccs.edu/professional-licensure-disclosure/> BEFORE beginning a program that leads to professional licensure with the intent to be licensed outside of the state of Colorado. Review the licensing information provided for the applicable program(s) below. While CCCS colleges endeavor to ensure this information is up to date, changes in licensure requirements of any state can change at any time. Contact the appropriate licensing agency in the U.S. states and territories where licensure is intended. This will enable you to obtain the most up-to-date information about licensure requirements and confirm the CCCS college program meets those requirements.

EMT Basic Certificate Pathway Course

| Required Courses | Credits |
|------------------------------------|----------------|
| EMS 1021 – EMT Fundamentals | 3 |
| EMS 1022 – EMT Medical Emergencies | 4 |
| EMS 1023 – EMT Trauma Emergencies | 2 |
| EMS 1070 – EMT Basic Clinical | 1 |

EMT Advanced Certificate Pathway Course

| Required Courses | Credits |
|--|-----------|
| EMS 1071 - AEMT Clinical Internship | 2 credits |
| EMS 1125 – AEMT Fundamentals | 2 credits |
| EMS 1127 – AEMT Special Considerations | 2 credits |
| EMS 1129 - AEMT Pharmacology | 1 credits |
| EMS 1133 – AEMT Medical Emergencies | 2 credits |
| EMS 1135 - AEMT Trauma Emergencies | 2 credits |
| EMS 1132 – AEMT IV/IO Therapy | 2 credits |

Medical Laboratory Technician AAS

DEGREE & COURSE INFORMATION

The Medical Laboratory Technician (MLT) program at Otero College is designed to prepare qualified laboratory professionals for entry level employment in environments such as hospitals, outpatient clinics, and private medical laboratories. Upon successful completion of the program, graduates are eligible to take national examinations to become certified Medical Laboratory Technicians*.

Students will prepare for a career in Medical Laboratory Technology through online/hybrid formats, classroom study, laboratory assignments and supervised clinical experience. They will complete classes in general education along with Hematology, Clinical Chemistry, Clinical Microbiology, Immunohematology/Immunology, Urinalysis, and Parasitology/ Mycology. Students will learn about analysis of blood and body fluids, quality assessment and quality control, blood banking, bacteriology, parasitology and other aspects of medical laboratory technology.

The MLT program is designed for students to graduate with an AAS degree in 5 semesters. Three semesters will be spent at the Otero campus and two semesters will be partially spent in clinical rotations at an affiliated clinical facility. An optional Phlebotomy certificate can be obtained by enrolling in an additional summer semester.

ADMISSION PROCEDURE

The student must apply for general college admission to Otero College. Applying to Otero is free and can be completed online.

In addition, the student is required to:

1. Be a graduate of an accredited high school or equivalent. Courses in biology and chemistry are strongly recommended.
2. Background check and drug screen. See the Disqualifying Offenses document located at <https://otero.edu/wp-content/uploads/2024/02/Nursing-disqualifying-offenses.pdf> for more information:
 - a. Clinical facilities require students to complete a drug screen prior to participating in clinical experience. This will be arranged through the college. Please plan to follow the procedures promptly when notified.
 - b. Students are required to take and pass the background check.
3. Required necessary vaccinations: Annual influenza, Hepatitis B, Varicella, MMR, COVID, and DPT.
4. Colorblindness testing: this will be done in class or can be done on D2L (Desire2Learn).
5. Health Form: The student must submit a complete physical exam, including TB testing, before beginning clinical rotations in the second year.
6. Students are required to complete the Otero MLT/Phlebotomy Orientation course. Please see the director for enrollment and instructions.
7. Students are required to have a current BLS, AHA, Healthcare Provider CPR card.

RECOMMENDED COURSES:

Courses in high school biology and chemistry are strongly recommended. It is also necessary to be at college level for Math and English.

* The Otero MLT program is accredited by the National Accreditation Agency for Clinical Laboratory Sciences (NAACLS), their contact information is: National Accreditation Agency for Clinical Laboratory Science (NAACLS) 5600 North River Road, Suite 720 Rosemont, Illinois 60018 Phone 773-714-8880, FAX 773-714-8886 NAACLS Web address: www.naaccls.org/ NAACLS Email address info@naaccls.org

Professional Licensure Disclosure

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MLT AAS Degree Pathway Course Schedule

| Spring Semester Courses | | Credits |
|-------------------------|---|---------|
| ENG 1021 | English Composition I | 3 |
| Elective | | 3 |
| MLT 1031 | Hematology I (compressed spring semester) | 2 |
| BIO 1111 | General College Biology | 5 |
| MAT 1340 | College Algebra | 4 |
| Summer Semester Courses | | |
| HPR 1080 | Internship (105 Clinical Hours/Semester) (Optional certificate and available professional certification) | 3 |
| Fall Semester Courses | | |
| BIO 2101 | Anatomy & Physiology I | 4 |
| Elective | Elective | 3 |
| MLT 1032 | Hematology II | 4 |
| CHE 1011 | Intro to Chemistry I OR | 5 |
| CHE 1111 | General College Chemistry | 5 |
| Spring Semester Courses | | Credits |
| BIO 2102 | Anatomy & Physiology II | 4 |
| MLT 2031 | Clinical Microbiology | 4 |
| MLT 1041 | Immunohematology/Immunology | 4 |
| MLT 2041 | Clinical Chemistry I | 2 |
| MLT 1042 | Urinalysis | 2 |
| Summer Semester Courses | | |
| MLT 2032 | Parasitology/Mycology | 2 |

| | | |
|----------|--|---|
| MLT 2082 | Internship IV/Microbiology (90 Clinical Hours) | 2 |
|----------|--|---|

| | | |
|----------|--|---|
| MLT 1080 | Internship/Blood Banking I (45 Clinical Hours) | 1 |
|----------|--|---|

Fall Semester Courses

| | | |
|----------|-----------------------|---|
| MLT 2042 | Clinical Chemistry II | 4 |
|----------|-----------------------|---|

| | | |
|----------|-----------------------------|---|
| MLT 2053 | Seminar/Comprehensive Exams | 1 |
|----------|-----------------------------|---|

| | | |
|----------|--|-----|
| MLT 2080 | Intern-III Clinical Chemistry (157.5 Clinical Hours) | 3.5 |
|----------|--|-----|

| | | |
|----------|--|-----|
| MLT 1082 | Intern-II Hemat/Coag/Urinalysis (157.5 Clinical Hours) | 3.5 |
|----------|--|-----|

If a student wants to begin in the fall, it is suggested that general education courses be completed. If all General Ed. Courses are complete, see MLT director about a FastTrack option.

*Approved Electives List – Students may only take 1 COM course

| | | |
|----------|---------------------------|---|
| CIS 1018 | Intro. To PC Applications | 3 |
|----------|---------------------------|---|

| | | |
|----------|--------------------------------|---|
| COM 1250 | Interpersonal Communication OR | 3 |
|----------|--------------------------------|---|

| | | |
|----------|-----------------|---|
| COM 1150 | Public Speaking | 3 |
|----------|-----------------|---|

| | | |
|----------|------------------------------|---|
| COM 1260 | Communications in Healthcare | 3 |
|----------|------------------------------|---|

| | | |
|----------|-----------------------|----|
| HPR 1011 | CPR for Professionals | .5 |
|----------|-----------------------|----|

| | | |
|----------|---------------------|---|
| HPR 1039 | Medical Terminology | 2 |
|----------|---------------------|---|

| | | |
|----------|-----------------------------|---|
| CHE 1111 | General College Chemistry I | 5 |
|----------|-----------------------------|---|

| | | |
|----------|------------------------------|---|
| CHE 1112 | General College Chemistry II | 5 |
|----------|------------------------------|---|

| | | |
|----------|--------------|---|
| BIO 2104 | Microbiology | 4 |
|----------|--------------|---|

| | | |
|----------|---|---|
| MLS 3160 | Advanced Molecular Biology for the Clinical Lab | 3 |
|----------|---|---|

| | | |
|----------|----------------------------------|---|
| MLS 3130 | Clinical Immunology and Virology | 3 |
|----------|----------------------------------|---|

Nurse Aide Certificate

CERTIFICATE & COURSE INFORMATION

The Nurse Aide Program at Otero College is offered each semester. With cooperation from area hospitals and long-term care Facilities, students receive education, training, and practical application experience that prepares them to work in nurse aide positions. Successful completion of coursework and program requirements entitles the graduate to apply to the Colorado Board of Nursing to take the certification exam for Certified Nurse Aides.

Professional Licensure Disclosure

Students are advised to review the information on the CCCS Professional Licensure Disclosure page; <https://at.cccs.edu/professional-licensure-disclosure/> BEFORE beginning a program that leads to professional licensure with the intent to be licensed outside of the state of Colorado. Review the licensing information provided for the applicable program(s) below. While CCCS colleges endeavor to ensure this information is up to date, changes in licensure requirements of any state can change at any time. Contact the appropriate licensing agency in the U.S. states and territories where licensure is intended. This will enable you to obtain the most up-to-date information about licensure requirements and confirm the CCCS college program meets those requirements.

CNA Certificate Pathway Courses (202520 effective term)

| Required Courses | Credits |
|---|---------|
| NUA 1001 – Nurse Aide Health Care Skills | 4 |
| NUA 1070 – Nursing Aide Clinical Experience | 1.5 |
| Recommended Courses | |
| HPR 1038 – Medical Terminology 1 | 2 |

Legal Requirements for Nursing Aide Licensure

Before becoming licensed, students must answer the following questions:

- A. “Have you ever been convicted of a crime, or have you ever accepted a court plea of guilty or nolo contendere? Have you received a deferred judgment or deferred prosecution?”
- B. “Are you now, or were you for the 12 months preceding the date of this application, addicted to any controlled substance; a regular user of any controlled substance without a prescription; and/or habitually intemperate in the use of intoxicating liquor?”

If any question is answered “yes,” students need to meet with the director of the Nursing Department for counseling because the Colorado State Board of Nursing has specific requirements for licensure.

Nursing AAS Degree & Course Information

The Associate of Applied Science Degree program in Nursing is designed to provide education to prepare the student for practice as a registered nurse. The curriculum follows the criteria for the Colorado Nursing Articulation Model and is specifically constructed to promote career mobility between nursing educational levels. Upon satisfactory completion of the associate degree sequence with a minimum of “C” in each course of the prescribed curriculum, the student will be awarded an Associate of Applied Science Degree in Nursing. Successful completion of the Otero nursing program requirements for graduation will also entitle the graduate to submit an application to the State Board of Nursing for the State Licensure Examination.

The Associate of Applied Science Degree program in Nursing is designed to be completed in two (2) years of full-time course work, plus a series of prerequisite courses prior to application to the program.

ADMISSION PROCEDURE

1. The student must apply for general college admission to Otero College. Applying to Otero is free and can be [completed online](#). Student must be a high school graduate or have a GED certificate.
2. Complete required pre-admission courses (Prerequisite Courses) with a grade of C or higher for each course and a cumulative Grade Point Average (GPA) of 2.5 or higher for the required pre-admission courses listed below. A higher GPA will receive a higher admission score. The science courses must be completed within seven years of the application date of the program.

| Required Pre-Admission Courses (Prerequisite Courses) | | Credits |
|--|--|---------|
| BIO 1010 | Biology Foundations OR | 2 |
| BIO 1111 | General College Biology I/lab GT-SC1 | 5 |
| Prerequisite: College Readiness in English and College Readiness in Quantitative Literacy Math | | |
| BIO 2101 | Human Anatomy & Physiology I w/lab: GT-SC1 | 4 |
| Prerequisite: BIO 1111 or BIO 1010 | | |

Required In-Program Courses (Prerequisite Courses & Electives)

| | | |
|-----------|---|---|
| *BIO 2102 | Human Anatomy & Physiology II w/lab: GT-SC1 | 4 |
|-----------|---|---|

Prerequisite: BIO 2101

| | | |
|------------|-----------------|---|
| **BIO 2116 | Pathophysiology | 4 |
|------------|-----------------|---|

| | | |
|----------|----------------------|---|
| HPR 1010 | Dietary Nutrition OR | 1 |
|----------|----------------------|---|

| | | |
|----------|-----------------|---|
| HWE 1050 | Human Nutrition | 3 |
|----------|-----------------|---|

| | | |
|-------------|--------------------------------|---|
| ***MAT 1120 | Math for Clinical Calculations | 3 |
|-------------|--------------------------------|---|

Prerequisite: College Readiness in Career Math

| | | |
|----------|---|---|
| ELECTIVE | Humanities OR Social/Behavioral Science | 3 |
|----------|---|---|

**BIO 2102 / Human Anatomy & Physiology II can be completed in first semester of your Nursing courses with prior approval and if not taking compressed BIO 2101/2102 course.*

***Can be taken in the summer prior to the second year of the program, but the course MUST have been completed prior to the NUR 2006.*

****If a higher math course has been completed, NUR 1001 can replace MAT 1120, also with a preference that it be completed prior to the program.*

3. Apply to the nursing program at Otero using the [Online Application available here](#).
4. Provide official transcripts confirming completion of prerequisite courses and GPA to the Otero Nursing Department. Transcripts can be emailed to otero-admissions@otero.edu OR sent physically to

Attn: Otero College Registrar
1802 Colorado Avenue
La Junta CO, 81050

5. After the admission deadline, applicants who have completed all the admission criteria will be admitted from the top score down until all slots are filled. To fill any vacant slots, a second or even third deadline will be set and remaining, and newly qualified applicants will be considered and admitted from the top scores again until slots are filled. Admission deadlines are posted on the Otero website [Nursing page](#).

6. Once students have completed ALL of the required application materials, and transcripts have been received and reviewed, the student will be sent an email with directions on how and when to schedule their Kaplan exam.
7. Complete the Kaplan Admission test. Please contact the Nursing Office to find out what the minimum required scores are.
8. Evidence of other Healthcare Certification or honorable military service is not required but will receive points toward admission score.
9. Attendance at a Pre-Nursing Orientation with the Nursing Office must be completed before classes begin.
10. Evidence of permanent residence in the Otero Service area of Bent, Otero and Crowley counties is not required but will receive points toward admission.
11. Once admitted students will need to provide a clear criminal background check and urine drug screen (information will be provided upon admission). [See the Disqualifying Offenses document](#)

Program Required NUR Courses

| Courses | Credits |
|---|----------------|
| NUR 1006 Med-Surg Nursing Concepts | 7 |
| NUR 1009 Fundamentals of Nursing | 6 |
| NUR 1012 Basic Concepts of Pharmacology | 2 |
| NUR 1050 Maternal – Child Nursing | 6 |
| NUR 2006 Adv Concepts of Med/Surg Nsg I | 6.5 |
| NUR 2011 Psychiatric-Mental Health Nsg | 4 |
| NUR 2012 Pharmacology II | 2 |
| NUR 2016 Adv Concepts Med-Surg Nsg II | 5 |
| NUR 2030 Transition to Professional Nsg | 4 |

Graduation Requirements

1. Students must fulfill all the requirements of the College to receive a certificate of completion.
2. The graduate of nursing must pass all courses with a minimum grade of “C”
3. Graduates must be competent in calculations of medications. Students are required to pass a medication proficiency examination at 100% mastery to progress to the summer semester of the program. (See the Nursing Student manual for further information).

For more information contact the Otero Nursing Department on 719-384-6898.

Before becoming licensed, students must answer the following questions:

1. “Have you ever been convicted of a crime, or have you ever accepted a court plea of guilty or nolo contendere? Have you received a deferred judgment or deferred prosecution?”
2. “Are you now, or were you for the 12 months preceding the date of this application, addicted to any controlled substance; a regular user of any controlled substance without a prescription; and/or habitually intemperate in the use of intoxicating liquor?”

If any question is answered “yes,” students need to meet with the director of the Nursing Department for counseling because the Colorado State Board of Nursing has specific requirements for licensure.

Professional Licensure Disclosure

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Phlebotomy Certificate

CERTIFICATE & COURSE INFORMATION

Otero College’s Phlebotomy certificate program is designed to prepare qualified phlebotomists for entry level employment. The classes are taken over one or two semesters with a total of 5 credits. It teaches the acquired professional skill of performing vein punctures (drawing blood), collection of other blood and body fluid samples, and preparing those samples for processing by various laboratory methods.

Students will study through an online/hybrid format, classroom study, laboratory assignments, and supervised clinical experience. They will follow guidelines developed by the National

Accrediting Agency for Clinical Laboratory Science's (NAACLS) phlebotomy competencies. Successful students of this program receive a certificate of completion from Otero College. The student will then be able to apply for the national certification exam for the American Society of Clinical Pathology (ASCP) and other certifying agencies.

Admission Procedure

The student must apply for general college admission to Otero College. Applying to Otero is free and can be completed online at: <https://www.otero.edu/apply/>. In addition, the student is required to:

1. Be a graduate of an accredited high school or equivalent. Courses in biology and chemistry are strongly recommended.
2. Background check and drug screen:
 - a. Clinical facilities require students to complete a drug screen prior to participating in clinical experience. This will be arranged through the college. Please plan to follow the procedures promptly when notified.
 - b. Students are required to take and pass the background check available at this web site address: cccs.certifiedbackground.com
3. Required necessary vaccinations: Annual influenza, Hepatitis B, Varicella, MMR, COVID, and DPT.
4. Colorblindness testing: this will be done in class or can be done on D2L (Desire2Learn).
5. Health Form: The student must submit a complete physical exam, including TB testing, before beginning clinical rotations in the second course.
6. Students are required to complete the Otero MLT/Phlebotomy Orientation course. Please see the director for enrollment and instructions.
7. Students must have a current BLS, AHA, Healthcare provider CPR card.

Professional Licensure Disclosure

Students are advised to review the information on the CCCS Professional Licensure Disclosure page; <https://at.cccs.edu/professional-licensure-disclosure/> BEFORE beginning a program that leads to professional licensure with the intent to be licensed outside of the state of Colorado. Review the licensing information provided for the applicable program(s) below. While CCCS colleges endeavor to ensure this information is up to date, changes in licensure requirements of any state can change at any time. Contact the appropriate licensing agency in the U.S. states and territories where licensure is intended. This will enable you to obtain the most up-to-date information about licensure requirements and confirm the CCCS college program meets those requirements.

Phlebotomy Certificate Course Schedule

| Required Courses | Credits |
|-------------------------|----------------|
|-------------------------|----------------|

| | | |
|----------|----------------------------|---|
| MLT 1031 | Introduction to Hematology | 2 |
| HPR 1080 | Internship | 3 |

Experience required during HPR 1080

In HPR 1080 Internship, the accrediting agency, NAACLS requires instruction and experiences for:

1. 100 clinical hours of experience
2. Performance of a minimum of 100 successful unaided blood collections
3. Instruction of a variety of phlebotomy techniques
4. Contact with various patient types, which may include varied clinical settings.

Note: Students must complete each course consecutively with a 70% or better average in all courses.

The Phlebotomy Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences.

Practical Nursing Certificate

CERTIFICATE & COURSE INFORMATION

The Practical Nursing Certificate exit option is designed to provide education to prepare the student for practice as a licensed practical nurse after completion of the first two semesters of the ADN RN program. Upon admission to the nursing program the student may opt to take the optional Transition into Practical Nursing course and receive a Certificate of Practical Nursing. The curriculum follows the criteria for the Colorado Nursing Articulation Model and is specifically constructed to promote career mobility between Nursing educational levels.

Successful completion of the Practical Nursing Certificate requirements for graduation also entitles the graduate to submit an application to the State Board of Nursing for the State Licensure Examination for Practical Nursing.

Admission Procedure

1. The student must apply for general college admission to Otero College. Applying to Otero is free and can be [completed online](#). Student must be a high school graduate or have a GED certificate.
2. Complete required pre-admission courses (Prerequisite Courses) with a grade of C or higher for each course and a cumulative Grade Point Average (GPA) of 2.5 or higher for the required pre-admission courses listed below. A higher GPA will receive a higher admission

score. The science courses must be completed within seven years of the application date of the program.

| Required Pre-Admission Courses (Prerequisite Courses) | | Credits |
|--|--|---------|
| BIO 1010 | Biology Foundations OR | 2 |
| BIO 1111 | General College Biology I/lab GT-SC1 | 5 |
| Prerequisite: College Readiness in English and College Readiness in Quantitative Literacy Math | | |
| BIO 2101 | Human Anatomy & Physiology I w/lab: GT-SC1 | 4 |
| Prerequisite: BIO 1111 or BIO 1010 | | |

| Required In-Program Courses (Prerequisite Courses & Electives) | | |
|--|---|---|
| *BIO 2102 | Human Anatomy & Physiology II w/lab: GT-SC1 | 4 |
| Prerequisite: BIO 2101 | | |
| **BIO 2116 | Pathophysiology | 4 |
| HPR 1010 | Dietary Nutrition OR | 1 |
| HWE 1050 | Human Nutrition | 3 |
| ***MAT 1120 | Math for Clinical Calculations | 3 |
| Prerequisite: College Readiness in Career Math | | |
| ELECTIVE | Humanities OR Social/Behavioral Science | 3 |

**BIO 2102 / Human Anatomy & Physiology II can be completed in first semester of your Nursing courses with prior approval and if not taking compressed BIO 2101/2102 course.*

***Can be taken in the summer prior to the second year of the program, but the course MUST have been completed prior to the NUR 2006.*

****If a higher math course has been completed, NUR 1001 can replace MAT 1120, also with a preference that it be completed prior to the program.*

3. Apply to the nursing program at Otero using the [Online Application available here](#).

4. Provide official transcripts confirming completion of prerequisite courses and GPA to the Otero Nursing Department. Transcripts can be emailed to otero-admissions@otero.edu OR sent physically to

Attn: Otero College Registrar
1802 Colorado Avenue
La Junta CO, 81050

5. After the admission deadline, applicants who have completed all the admission criteria will be admitted from the top score down until all slots are filled. To fill any vacant slots, a second or even third deadline will be set and remaining, and newly qualified applicants will be considered and admitted from the top scores again until slots are filled. Admission deadlines are posted on the Otero website [Nursing page](#).
6. Once students have completed ALL of the required application materials, and transcripts have been received and reviewed, the student will be sent an email with directions on how and when to schedule their Kaplan exam.
7. Complete the Kaplan Admission test. Please contact the Nursing Office to find out what the minimum required scores are.
8. Evidence of other Healthcare Certification or honorable military service is not required but will receive points toward admission score.
9. Attendance at a Pre-Nursing Orientation with the Nursing Office must be completed before classes begin.
10. Evidence of permanent residence in the Otero Service area of Bent, Otero and Crowley counties is not required but will receive points toward admission.
11. Once admitted students will need to provide a clear criminal background check and urine drug screen (information will be provided upon admission). [See the Disqualifying Offenses document](#)

| Program Required NUR Courses | Credits |
|---|---------|
| NUR 1006 Med-Surg Nursing Concepts | 7 |
| NUR 1009 Fundamentals of Nursing | 6 |
| NUR 1012 Basic Concepts of Pharmacology | 2 |
| NUR 1050 Maternal – Child Nursing | 6 |

Graduation Requirements

1. Students must fulfill all the requirements of the College to receive a certificate of completion.
2. The graduate of nursing must pass all courses with a minimum grade of "C"
3. Graduates must be competent in calculations of medications. Students are required to pass a medication proficiency examination at 100% mastery in order to progress to the summer semester of the program. (See the Nursing Student manual for further information).

For more information contact the Otero Nursing Department at 719-384-6898.

Before becoming licensed, students must answer the following questions:

1. "Have you ever been convicted of a crime, or have you ever accepted a court plea of guilty or nolo contendere? Have you received a deferred judgment or deferred prosecution?"
2. "Are you now, or were you for the 12 months preceding the date of this application, addicted to any controlled substance; a regular user of any controlled substance without a prescription; and/or habitually intemperate in the use of intoxicating liquor?"

If any question is answered "yes," students need to meet with the director of the Nursing Department for counseling because the Colorado State Board of Nursing has specific requirements for licensure.

Professional Licensure Disclosure

Students are advised to review the information on the CCCS Professional Licensure Disclosure page; <https://at.cccs.edu/professional-licensure-disclosure/> BEFORE beginning a program that leads to professional licensure with the intent to be licensed outside of the state of Colorado. Review the licensing information provided for the applicable program(s) below. While CCCS colleges endeavor to ensure this information is up to date, changes in licensure requirements of any state can change at any time. Contact the appropriate licensing agency in the U.S. states and territories where licensure is intended. This will enable you to obtain the most up-to-date information about licensure requirements and confirm the CCCS college program meets those requirements.

Philosophy AA

[Statewide Transfer Agreement for Philosophy Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Philosophy, you will explore contemporary and historical philosophy, moral and ethical reasoning, and logic. This degree is transferable to universities offering a bachelor's degree in philosophy.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Philosophy program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of cross the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of philosophy will grow and deepen. Coursework will include Introduction to Philosophy, Philosophy of Religion, and Environmental Ethics. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Philosophy - AA (60 credits)

Required Courses that Fulfill General Education Requirements (31 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|--------------|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1), prefer ENG 1021 English Composition I AND A GT Pathways-approved CO2 course (GT-CO2) OR A GT Pathways-approved CO2 course (GT-CO2) and a GT Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways course (GT-MA1), prefer MAT 1240 Mathematics for Liberal Arts |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH4) Note: Ways of Thinking courses (GTAH3) do not fulfill the Arts & Humanities General Education Requirements for this STAA/DwD |

| | | |
|------------------------------|---|---|
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2); one must have the required laboratory (GT-SC1) |

***Additional Required Courses (15 Credit Hours) & Electives (14 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|--------------|---|
| | 3 | PHI 1011 Introduction to Philosophy (GT-AH3) |
| | 3 | PHI 1012 Ethics (GT-AH3) |
| | 3 | PHI 1013 Logic (GT-AH3) OR PHI 2013 Symbolic Logic (GT-AH3) Note: PHI 213 is preferred at Colorado State University, Metropolitan State University of Denver, University of Colorado Boulder, and University of Colorado Denver. |
| | 6 | Choose two (2) courses from the following: PHI 2005 Business Ethics (GT-AH3) PHI 2014 Philosophy of Religion (GT-AH3) PHI 2018 Environmental Ethics (GT-AH3) PHI 2020 Death and Dying (GT-AH3) |

Electives – 14 Credit Hours ¹

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

¹Students planning to attend the University of Colorado Boulder MUST NOT TAKE additional PHI-prefix courses when completing their electives area.

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's

degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Philosophy AA degree from Otero College.

Colorado State University-Ft Collins

[B.A. Philosophy; General Philosophy concentration]

Fort Lewis College

[B.A. Philosophy]

Metropolitan State University of Denver

[B.A. Philosophy]

University of Colorado Boulder

[B.A. Philosophy]

University of Colorado - Colorado Springs

[B.A. Philosophy]

University of Colorado Denver

[B.A. Philosophy]

University of Northern Colorado

[B.A. Philosophy]

Physics AS

[Statewide Transfer Agreement for Physics Program](#)

DEGREE & COURSE INFORMATION

An associate program in Physics is a first step toward a career as a programmer, research analyst, high school physics teacher, or software engineer. This degree is transferable to universities offering bachelor's degrees in Physics.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Physics program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your

momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of physics concepts will grow and deepen. Coursework will include Physics, Calculus, and Differential Equations. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Physics - AS (60 credits)

Required Courses that Fulfill General Education Requirements (36 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|--------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (CG-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 5 | MAT 2410 Calculus I (GT-MA1) |
| Arts & Humanities | 9 | Three GT Pathways Arts & Humanities course (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 3 | One GT Pathways Social & Behavioral Sciences course (GT-SS1, GTSS2, GT-SS3) |
| Natural & Physical Sciences | 5 | PHY 2111 Physics: Calculus-based I w/lab (GT-SC1) |

*Additional Required Courses (24 Credit Hours) & Electives (0 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|--------------|---|
| | 3 | PHY 2113 Physics III: Calculus-Based Modern Physics |
| | 5 | MAT 2420 Calculus II (GT-MA1) |
| | 4-5 | MAT 2430 Calculus III (GT-MA1) OR |

| | |
|-----|--|
| | **MAT 2431 Calculus III with Engineering Applications (GT-MA1) |
| 3-4 | MAT 2560 Differential Equations (GT-MA1 OR **MAT 2561 Differential Equations with Engineering Applications (GT-MA1) OR **MAT 2562 Differential Equations with Linear Algebra |
| 5 | CHE 1111 General College Chemistry I w/lab (GT-SC1) |
| 4-5 | CSC 1060 Computer Science I OR ***CSC 1112 General College Chemistry II w/lab (GT-SC1) |

Electives – 0 Credit Hours

**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.*

***If you choose to take one of these courses, it will put you over 60 credits. The courses will transfer but the extra credits may not. That is, the receiving institution may still require the completion of 60 credits for the major.*

****Students planning to transfer to the University of Colorado Boulder must take CHE 1112/112 (not CSC 1060/160) to fulfill this requirement. Students planning to transfer to the University of Northern Colorado must take CSC 1060/160 (not CHE 1112/112) to fulfill this requirement. Students planning to transfer to Fort Lewis College or to the University of Colorado - Colorado Springs must take both CSC 1060/160 and CHE 1112/112. Students planning to transfer to a receiving institution not listed here may choose either one of these courses.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Physics AS degree from Otero College.

Colorado Mesa University

[B.S. Physics]

Colorado State University-Ft Collins

[B.S. Physics]

Colorado State University-Pueblo

[B.S. Physics]

Fort Lewis College

[B.S. Physics; Physics option]

Metropolitan State University of Denver

[B.A. Physics; B.S. Physics]

University of Colorado Boulder

[B.A. Physics]

University of Colorado - Colorado Springs

[B.S. Physics]

University of Colorado Denver

[B.S. Physics]

University of Northern Colorado

[B.S. Physics; Astronomy, Engineering, Mathematics emphases]

President's Leadership Program Certificate

CERTIFICATE & COURSE INFORMATION

An academic certificate in Leadership Studies at Otero College requires 12-credit hours of classes and is limited to scholars who are accepted into the program. The program requires two core leadership courses and additional elective courses from a wide variety of academic programs on campus.

Students must complete the 6-credit hour leadership core plus an additional 6-credits of electives for the 12-credit hour certificate with a grade of "B" or higher to receive the certificate.

President's Leadership Program Certificate

| Required Courses | Credits |
|---|----------------|
| MAN 2024 Leadership (leadership core requirement) | 3 |
| MAN 2087 – Cooperative Education/Intern | 3 |
| Elective Courses (6-credit requirement): Students may choose 2 of the following courses to fulfill elective requirements. | Credits |
| MAN 1028 – Human Relations in Organizations | 3 credits |
| BUS 2017 – Business Communication & Report Writing | 3 credits |
| PSC 2005 – International Relations | 3 credits |
| COM 1150 – Public Speaking | 3 credits |
| COM 1250 – Interpersonal Communication | 3 credits |
| PHI 1011 – Introduction to Philosophy | 3 credits |
| PHI 1012 – Ethics | 3 credits |
| PSY 1001 – General Psychology I | 3 credits |
| PSY 1002 – General Psychology II | 3 credits |
| SOC 1001 – Introduction to Sociology I | 3 credits |
| SOC 1002 – Introduction to Sociology II | 3 credits |

Psychology AA & AS

DEGREE & COURSE INFORMATION – PSYCHOLOGY AA

[Statewide Transfer Agreement for Psychology AA Program](#)

An associate of arts program in Psychology could be a first step toward a variety of professional roles in this field, including substance abuse counselor, human resources director, or social worker. In this program, you will primarily explore the social aspects of human behavior. This degree is transferable to universities offering a Bachelor of arts degree in psychology.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Psychology program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase your likelihood of crossing the stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavior Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of social psychology, cognitive development, and mental health will grow and deepen. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers a bachelor's degree.

Psychology - AA (60 credits)

Required Courses that Fulfill General Education Requirements (31-32 Credit Hours)

| | Credit Hours | Course Number and Title |
|-------------------------|---------------------|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) AND A GT Pathways-approved CO2 course (GT-CO2) OR A Gt Pathways-approved CO2 course (GT-CO2) AND A Gt Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways-approved Mathematics course (GT-MA1), prefer MAT 1260 Introduction to Statistics, except: <ul style="list-style-type: none"> • Colorado Mesa University requires either MAT 1240 Mathematics for the Liberal Arts • OR MAT 1340 College Algebra |
| Arts & Humanities | 6 | Two GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | One GT Pathways History course (GT-HI1) |

| | | |
|------------------------------|-----|--|
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses from the following categories: (GT-SS1, GT-SS2, GT-SS3). May NOT be PSY courses. |
| Natural & Physical Sciences | 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) |

***Additional Required Courses (18 Credit Hours) & Electives (10-11)**

| | Credit Hours | Course Number and Title |
|--|---------------------|--|
| | 3 | PSY 1001 General Psychology I (GT-SS3) |
| | 3 | PSY 1002 General Psychology II (GT-SS3) |
| | 9 | Three GT Pathways Psychology courses (GT-SS3) |
| | 3 | COM 1150 Public Speaking ¹ OR COM 1250 Interpersonal Communications (GT-SS3) |

****Electives – 10-11 Credit Hours**

**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.*

¹The 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.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's

degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Psychology AA degree from Otero College.

Adams State University

[B.A. Psychology; Developmental, Clinical, Sport Psychology, or Psychology emphases]

Colorado Mesa University

[B.A. Psychology; Psychology or Counseling Psychology concentrations]

Colorado State University-Pueblo

[B.A. Psychology]

Fort Lewis College

[B.A. Psychology]

Metropolitan State University of Denver

[B.A. Psychology]

University of Colorado Boulder

[B.A. Psychology]

University of Colorado - Colorado Springs

[B.A. Psychology]

University of Colorado Denver

[B.A. Psychology]

University of Northern Colorado

[B.A. Psychology]

Western Colorado University

[B.A. Psychology]

DEGREE & COURSE INFORMATION – PSYCHOLOGY AS

[Statewide Transfer Agreement for Psychology AS Program](#)

An associate of science program in Psychology can be a first step toward a variety of professional roles in this field, including psychiatric technician, laboratory assistant, or

rehabilitation case worker. In this program, you will primarily explore the neuroscience behind human behavior. This degree is transferable to universities offering a Bachelor of science degree in psychology.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Psychology program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase your likelihood of crossing the stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavior Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of social psychology, cognitive development, and mental health will grow and deepen. Coursework will include General Psychology, General College Biology, and General College Chemistry. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Psychology - AS (60 credits)

Required Courses that Fulfill General Education Requirements (35 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|---------------------|--|
| (Written) Communication | 6 | A GT Pathways-approved CO1 course (GT-CO1) AND A GT Pathways-approved CO2 course (GT-CO2) OR A Gt Pathways-approved CO2 course (GT-CO2) AND A Gt Pathways-approved CO3 course (GT-CO3) |
| Mathematics | 4 | MAT 1340 College Algebra (GT-MA1) or a higher level course in the Calculus sequence |
| Arts & Humanities | 6 | Two GT Pathway Art & Humanities courses from the following categories: GT-AH1, GT-AH2, GT-AH3, GT-AH4 |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3). May NOT be PSY courses. |

| | | |
|-----------------------------|---|---|
| Natural & Physical Sciences | 5 | BIO 1111 General College Biology I w/Lab (GT-SC1) |
|-----------------------------|---|---|

| | | |
|--|---|--|
| | 5 | BIO 1112 General College Biology II w/Lab (GT-SC1) |
|--|---|--|

***Additional Required Courses (12 Credit Hours) & Electives (13 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|--------------|--|
| | 3 | PSY 1001 General Psychology I (GT-SS3) |
| | 3 | PSY 1002 General Psychology II (GT-SS3) |
| | 3 | PSY 2221 Social Psychology (GT-SS3) |
| | 3 | COM 1150 Public Speaking ¹ OR Any GT Pathways-approved COM-prefix course |

Electives – 13 Credit Hours

**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.*

¹The University of Colorado Denver prefers COM 1150 Public Speaking to fulfill this requirement.

***For the University of Colorado Denver: Students planning to transfer to CU Denver should complete both two-semester sequences of BIO 1111 & 1112 AND CHE 1111 & 1112 at the community college; in addition, students should not take any additional Psychology courses as electives*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Psychology AS degree from Otero College.

Colorado State University-Ft Collins

[B.S. Psychology; General Psychology concentration]

Colorado State University-Pueblo

[B.S. Psychology]

University of Colorado Denver

[B.S. Psychology]

Spanish AA

[Statewide Transfer Agreement for Spanish Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Spanish, you will be immersed in the Spanish language. This degree is transferable to universities offering a bachelor's degree in Spanish.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Spanish program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses in your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your ability to speak, understand, read, and write the Spanish language will grow and deepen. After completing a 60-credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Spanish - AA (60 credits)

Required Courses that Fulfill General Education Requirements (34 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|---------------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways course (GT-MA1), prefer MAT 1240 Mathematics for Liberal Arts |
| Arts & Humanities | 3 | *SPA 2011 Spanish Language III (GT-AH4) |
| | 3 | *SPA 2012 Spanish Language IV (GT-AH4) |
| | 3 | One GT Pathways Arts & Humanities courses (GT-AH1, GT-AH2, GT-AH3, GT-AH4) |
| History | 3 | HIS 2200 History of Latin America 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 |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2); one of these courses must have the required laboratory (GT-SC1) |

***Additional Required Courses (13 Credit Hours) & Electives (13 Credit Hours)**

| | Credit Hours | Course Number and Title |
|--|---------------------|---|
| | 5 | ***SPA 1011 Spanish Language I |
| | 5 | ***SPA 1012 Spanish Language II |
| | 3 | COM 1150 Public Speaking (recommended) OR COM 1250 Interpersonal Communications (GT-SS3) |

******Electives – 13 credit hours**

**Those students who have a higher proficiency level than is required for SPA 2011/211 or 2012/212 should substitute other Arts & Humanities courses. Heritage speakers may want to substitute SPA 2061/261 (Grammar-Heritage Lang Speaker) and SPA 2062/262 (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 1011/111 and/or SPA 1012/ 112 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: 2000/200-level Spanish courses; courses outside the Spanish department with content related to the Spanish-speaking world.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Spanish AA degree from Otero College.

Adams State University

[B.A. Spanish]

Colorado Mesa University

[B.A. Spanish; Applies Professional Spanish or Literature & Language concentrations]

Colorado State University-Ft Collins

[B.A. Foreign Language & Literatures; Spanish concentration]

Colorado State University-Pueblo

[B.A. Foreign Language – Spanish]

Fort Lewis College

[B.A. Spanish Option]

Metropolitan State University of Denver

[B.A. Modern Languages; Spanish concentration]

University of Colorado Boulder

[B.A. Spanish]

University of Colorado - Colorado Springs

[B.A. Spanish]

University of Colorado Denver

[B.A. Spanish]

University of Northern Colorado

[B.A. Spanish; Liberal Arts emphasis]

Western Colorado University

[B.A. Spanish]

Theater AA

[Statewide Transfer Agreement for Theater Program](#)

DEGREE & COURSE INFORMATION

In an associate program in Theater, you will be immersed in the performing arts. This degree is transferable to universities offering a bachelor's degree in Theater, Theater Arts, and Visual and Performing Arts.

Students should work closely with their advisor and contact their transfer institution choices for more specific transfer information.

Degree Pathway & Curriculum

The first year of a Theater program will include math and English courses to meet general education requirements. The completion of introductory math and English courses in your first year is proven to greatly increase the likelihood of crossing the graduation stage, boosting your momentum along the academic pathway you select. Other general education courses on your pathway will cover topics in Arts and Humanities, History, Social and Behavioral Sciences, and Natural and Physical Sciences.

Program-specific courses may begin as soon as your first semester. These courses will become more advanced as you move along your degree pathway. Through this sequence of courses, your knowledge of acting and theater production will grow and deepen. Coursework will include Technical Theater, Theater Script Analysis, and Playwriting. After completing a 60-

credit associate degree, your degree pathway can continue with guaranteed transfer to a college that offers bachelor's degrees.

Theater - AA (60 credits)

Required Courses that Fulfill General Education Requirements (31 Credit Hours)

| | Credit Hours | Course Number and Title |
|------------------------------|--------------|---|
| (Written) Communication | 6 | ENG 1021 English Composition I (GT-CO1) AND ENG 1022 English Composition II (GT-CO2) OR ENG 1022 English Composition II (GT-CO2) AND A GT Pathways approved CO3 course (GT-CO3) |
| Mathematics | 3 | One GT Pathways Mathematics course (GT-MA1), prefer MAT 1240 Mathematics for Liberal Arts |
| Arts & Humanities | 6 | THE 1005 Theatre Appreciation (GT-AH1) AND THE 2011 Development of Theatre 1: Greek to Renaissance (GT-AH1) |
| History | 3 | One GT Pathways History course (GT-HI1) |
| Social & Behavioral Sciences | 6 | Two GT Pathways Social & Behavioral Sciences courses (GT-SS1, GT-SS2, GT-SS3) |
| Natural & Physical Sciences | 7 | Two GT Pathways Natural & Physical Sciences courses (GT-SC1, GTSC2); one of these courses must have the required laboratory (GT-SC1) |

*Additional Required Courses (18 Credit Hours) & Electives (11 Credit Hours)

| | Credit Hours | Course Number and Title |
|--|--------------|---|
| | 3 | THE 1016 Technical Theatre |
| | 3 | THE 1011 Acting I |
| | 3 | THE 1008 Theatre Script Analysis (GT-AH1) |
| | 3 | THE 2012 Development of Theatre II: Restoration to Modern (GT-AH1) |

| | |
|---|---|
| 3 | THE 2015 Playwrighting (GT-AH1) |
| 3 | Choose one (1) course from the following: THE 1031 Theatre Production I THE 1032 Theatre Production II THE 2031 Theatre Production III THE 2032 Theatre Production IV |

******Electives – 11 Credit Hours**

*Students planning to attend the University of Colorado Boulder in Theatre should consult UCB theatre advisors regarding THE 1005 Theatre Appreciation.

***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.*

****Student who plan to transfer to MSU Denver or CSU-Fort Collins are advised to take COM 1150 Public Speaking. Students who plan to transfer to the University of Colorado Boulder or to the University of Colorado –Colorado Springs may NOT take elective courses with a THE prefix. Students who plan to transfer to CSU-Fort Collins are advised to take THE 1012, MUS 1020 and ART 1110 as CCCS Elective credits.*

**If a student should need to take remedial and/or pre-requisite courses they are not included in this degree plan.*

***** Some courses may not be offered at Otero but are available at Colorado Online @ *****

Directly Transfer Your Degree

Otero College is a part of a Statewide Transfer Articulation Agreement between Colorado community colleges and universities. These agreements allow you to graduate from a community college with a 60-credit Associate of Arts (A.A.) or Associate of Science (A.S.) degree with designation; enroll with junior status at a university; and complete your bachelor's degree. If you attend full-time and follow the structured schedule, you can complete your bachelor's degree in 4 years.

The following Colorado public four-year institutions will accept your completed Theater AA degree from Otero College.

Adams State University

[B.A. Theatre]

Colorado State University-Ft Collins

[B.A. Theatre]

Fort Lewis College

[B.A. Theatre; Theatre Generalist option]

Metropolitan State University of Denver

[B.A. Theatre]

University of Colorado Boulder

[B.A. Theatre]

University of Colorado Colorado Springs

[B.A. Visual & Performing Arts; Theatre option]

University of Northern Colorado

[B.A. Theatre Arts]

Western Colorado University

[B.A. Communication Arts; Theatre & Performance Studies emphasis]

WELDING RELATED PROGRAMS

These programs are designed to allow enrollment of both secondary and post-secondary students.

Pipe Welding AAS

At Otero College, students pursuing an Associate of Applied Science (AAS) degree in Pipe Welding start with foundational courses in Oxyfuel Cutting, Plasma Cutting, Air Carbon Arc Gouging, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Gas Tungsten Arc Welding (GTAW). They then advance to specialized courses like Pipe Welding I and II, where they learn to weld pipes in multiple positions using the open-root method. The program combines practical training with theoretical knowledge, equipping students for careers in industries such as oil and gas, petrochemical, and construction.

Pipe Welding AAS Courses

| Required Courses | | Credits |
|------------------|--------------------------|---------|
| CON 1057 | NCCER Core | 5 |
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |

| | | |
|----------|-------------------------------|---|
| MAT 1140 | Career Math | 3 |
| WEL 2001 | Gas Metal Arc Welding I | 4 |
| WEL 2002 | Gas Metal Arc Welding II | 4 |
| WEL 1003 | Basic Shielded Metal Arc I | 4 |
| WEL 1010 | Advanced Shielded Metal Arc I | 4 |
| WEL 1024 | Gas Tungsten Arc Welding I | 4 |
| WEL 2024 | Gas Tungsten Arc Welding II | 4 |
| WEL 2030 | Pipe Welding I | 4 |
| WEL 2031 | Pipe Welding II | 4 |
| WEL 2089 | Capstone | 4 |
| WEL 2050 | Layout & Fabrication | 4 |

Required Courses that Fulfill General Education Requirements – 12 Credits

| | |
|--------------------------------|--|
| Written Communications Options | 3 |
| ENG 1015 | Technical English and Communication OR |
| ENG 1021 | English Composition I:GT-CO1 OR higher |
| Communications Options | 3 |
| COM 1150 | Public Speaking OR |
| COM 1250 | Interpersonal Communication: SS3 OR |
| COM 2200 | Intrapersonal Communication OR |
| COM 2220 | Group Communication: SS3 OR |
| COM 2300 | Intercultural Communication: SS3 |
| Business Options | 3 |
| BUS 1015 | Introduction to Business OR |
| BUS 1016 | Personal Finance OR |
| BUS 2016 | Legal Environment of Business OR |
| BUS 2017 | Business Communications OR |
| BUS 2026 | Business Statistics |
| General Elective | 3 |

Production Welding AAS

At Otero College, students pursuing an Associate of Applied Science (AAS) degree in Production Welding start with foundational courses in Oxyfuel Cutting, Plasma Cutting, Air Carbon Arc Gouging, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Gas Tungsten Arc Welding (GTAW). As they advance their welding skills, students engage in specialized courses such as Layout & Fabrication and Applied Metal Properties, focusing on techniques required for high-volume production environments. The program integrates hands-on training with theoretical coursework, preparing graduates for diverse roles in industries like manufacturing, construction, and agriculture.

Production Welding AAS Courses

| Required Courses | | Credits |
|------------------|-------------------------------|---------|
| CON 1057 | NCCER Core | 5 |
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |
| MAT 1140 | Career Math | 3 |
| WEL 1045 | Intro to Robotics Welding | 2 |
| WEL 2001 | Gas Metal Arc Welding I | 4 |
| WEL 2002 | Gas Metal Arc Welding II | 4 |
| WEL 2004 | Flux Cored Arc Welding II | 4 |
| WEL 1003 | Basic Shielded Metal Arc I | 4 |
| WEL 1010 | Advanced Shielded Metal Arc I | 4 |
| WEL 1024 | Gas Tungsten Arc Welding I | 4 |
| WEL 2024 | Gas Tungsten Arc Welding II | 4 |
| WEL 2050 | Layout & Fabrication | 4 |
| WEL 2063 | Applied Metal Properties | 4 |

Required Courses that Fulfill General Education Requirements – 12 Credits

| | |
|--|---|
| Written Communications Options | 3 |
| ENG 1015 Technical English and Communication OR | |
| ENG 1021 English Composition I:GT-CO1 OR higher | |
| Communications Options | 3 |
| COM 1150 Public Speaking OR | |
| COM 1250 Interpersonal Communication: SS3 OR | |
| COM 2200 Intrapersonal Communication OR | |
| COM 2220 Group Communication: SS3 OR | |
| COM 2300 Intercultural Communication: SS3 | |
| Business Options | 3 |
| BUS 1015 Introduction to Business OR | |
| BUS 1016 Personal Finance OR | |
| BUS 2016 Legal Environment of Business OR | |
| BUS 2017 Business Communications OR | |
| BUS 2026 Business Statistics | |
| General Elective | 3 |

Welding Certificates

CERTIFICATE & COURSE INFORMATION

The welding program at Otero College is designed to prepare students for entry-level employment in fields such as agriculture, production, maintenance, railroad, and pipeline industries. Students can earn one or more certificates in basic welding skills, including Oxyfuel Cutting, Plasma Cutting, Air Carbon Arc Gouging, Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), and Gas Tungsten Arc Welding (GTAW). The program also offers advanced certificates in areas like Welding Pipe, Welding Production, and further specialization in GMAW, SMAW, and GTAW. Advanced training prepares students for more complex welding procedures, including robotic and pipeline welding operations.

This program is designed to allow enrollment of both secondary and post-secondary students.

Advanced Welding Pipe Certificate Courses (Effective 202520)

| Required Courses | Credits |
|------------------------|---------|
| CON 1057 NCCER Core | 5 |

| | | |
|----------|-------------------------------|---|
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |
| MAT 1140 | Career Math | 3 |
| WEL 2001 | Gas Metal Arc Welding I | 4 |
| WEL 2002 | Gas Metal Arc Welding II | 4 |
| WEL 1003 | Basic Shielded Metal Arc I | 4 |
| WEL 1010 | Advanced Shielded Metal Arc I | 4 |
| WEL 1024 | Gas Tungsten Arc Welding I | 4 |
| WEL 2024 | Gas Tungsten Arc Welding II | 4 |
| WEL 2050 | Layout & Fabrication | 4 |
| WEL 2030 | Pipe Welding I | 4 |
| WEL 2031 | Pipe Welding II | 4 |
| WEL 2089 | Capstone | 4 |

ARC Welding Process Certificate (Effective 202520)

| Required Courses | | Credits |
|------------------|-------------------------------|---------|
| CON 1057 | NCCER Core | 5 |
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |
| MAT 1140 | Career Math | 3 |
| WEL 2001 | Gas Metal Arc Welding I | 4 |
| WEL 2002 | Gas Metal Arc Welding II | 4 |
| WEL 1003 | Basic Shielded Metal Arc I | 4 |
| WEL 1010 | Advanced Shielded Metal Arc I | 4 |

| | | |
|----------|-----------------------------|---|
| WEL 1024 | Gas Tungsten Arc Welding I | 4 |
| WEL 2024 | Gas Tungsten Arc Welding II | 4 |
| WEL 2004 | Flux Cored Arc Welding II | 4 |

Gas Metal Arc Welding Certificate (Effective 202520)

| Required Courses | | Credits |
|------------------|--------------------------|---------|
| CON 1057 | NCCER Core | 5 |
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |
| MAT 1140 | Career Math | 3 |
| WEL 2001 | Gas Metal Arc Welding I | 4 |
| WEL 2002 | Gas Metal Arc Welding II | 4 |

Gas Tungsten Arc Welding Certificate (Effective 202520)

| Required Courses | | Credits |
|------------------|-----------------------------|---------|
| CON 1057 | NCCER Core | 5 |
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |
| MAT 1140 | Career Math | 3 |
| WEL 1024 | Gas Tungsten Arc Welding I | 4 |
| WEL 2024 | Gas Tungsten Arc Welding II | 4 |

Oxyacetylene Certificate Courses (Effective 202520)

| Required Courses | | Credits |
|------------------|------------|---------|
| CON 1057 | NCCER Core | 5 |

| | | |
|----------|--------------------------|---|
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |
| MAT 1140 | Career Math | 3 |

Shielded Metal Arc Welding Certificate (Effective 202520)

| Required Courses | | Credits |
|------------------|-------------------------------|---------|
| CON 1057 | NCCER Core | 5 |
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |
| MAT 1140 | Career Math | 3 |
| WEL 1003 | Basic Shielded Metal Arc I | 4 |
| WEL 1010 | Advanced Shielded Metal Arc I | 4 |

Welding Production Certificate (Effective 202520)

| Required Courses | | Credits |
|------------------|---------------------------|---------|
| CON 1057 | NCCER Core | 5 |
| WEL 1000 | Safety for Welders | 1 |
| WEL 1001 | Allied Cutting Processes | 4 |
| MAT 1140 | Career Math | 3 |
| WEL 1045 | Intro to Robotic Welding | 2 |
| WEL 2001 | Gas Metal Arc Welding I | 4 |
| WEL 2004 | Flux Cored Arc Welding II | 4 |
| WEL 2050 | Layout & Fabrication | 4 |
| WEL 2063 | Applied Metal Properties | 4 |

Please Note: If courses are taken as individual certificates, those courses may not be eligible for financial aid.

Course Descriptions

METHODS OF DETERMINING CREDIT

Course credit is based on semester hours. One semester hour of credit usually represents 50 minutes of class time per week for a semester. Some courses with laboratory sessions meet for longer periods of time per semester hour of credit.

Course Listings

All courses listed in this catalog appear alphabetically by subject code and in numerical sequence with listings broken down as follows:

1. The capital letters preceding the course indicate the subject area in which the course is offered and are used as a code.
2. The four digits immediately following the subject area code identify individual course offerings within the area of study. In general, the first digit, 1, indicates a first-year subject and a 2, a second-year subject.
3. The words following the course number are course titles and describe the course in as few words as possible.
4. The single digit on the far right of the second line indicates the number of credit hours the course carries.

For a complete listing of all Colorado Community College Common Courses, go to: [Colorado Common Course Numbering System \(CCCNS\)](#)

The listing of a course in this or any other college publication does not constitute a guarantee, nor contract, that the particular course will be offered during the time listed. All courses are subject to scheduling changes or cancellations. Every effort to inform students of such changes and/or cancellations will be made.

AAA - ADVANCED ACADEMIC ACHIEVEMENT

AAA 0099: Active Learning Skills - 1 Credit

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. (Contact hours – 15)

AAA 1001 College 101: The Student Experience - 1 Credit

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.

AAA 1009 /AAA 109: Advanced Academic Achievement - 3 Credits

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.
(Contact hours – 45)

ABM - AGRI-BUSINESS MANAGEMENT

ABM 1003 /ABM 103: Records & Business Planning I – 3 Credits

Examines the options available to set up a computerized record keeping system for an agricultural business. Focus is on the selection of a computer software package for the agricultural business. Computer terminology associated with a computerized record keeping system and importance of business planning will be discussed. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1004 /ABM 104 and ABM 1005 /ABM 105

ABM 1004 /ABM 104: Records & Business Planning II – 3 Credits

Identifies the proper setup and implementation of accounting software for an agricultural business. A chart of accounts and beginning balance sheet will be created for a computerized record keeping system. Data entry methods for the accounting software and identification of business plan components specific to student needs will be discussed. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1003 / ABM 103 and ABM 1005 / ABM 105

ABM 1005 / ABM 105: Records & Business Plan III – 3 Credits

Examines cash and accrual accounting concepts and basic financial statements created for an agricultural business plan. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved

project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1003 / ABM 103 and ABM 1004 / ABM 104

ABM 1006 /ABM 106: Records & Business Planning III – 3 Credits

Determines the proper processes to maintain an accurate record keeping system for an agricultural business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student.

Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1007 / ABM 107 and ABM 1008 /ABM 108

ABM 1007 /ABM 107: Records & Business Planning V – 3 Credits

Determines the proper processes to maintain an accurate record keeping system for an agricultural business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student.

Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1006 /ABM 106 and ABM 1008 / ABM 108

ABM 1008 / ABM 108: Records & Business Planning VI – 3 Credits

Explains how to utilize a computerized accounting record keeping system to generate accurate financial records for an agricultural business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1006 /ABM 106 and ABM 107 / ABM 1007

ABM 1013 / ABM 113: Financial Analysis I – 3 Credits

Explains how to utilize a computerized accounting record keeping system to generate accurate financial records for an agricultural business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1014 / ABM 114 and ABM 1015 / ABM 115

ABM 1014 / ABM 114: Financial Analysis II – 3 Credits

Examines breakeven figures for business enterprises. This course will cover the calculation process for determining production figures for enterprises as well as refining an established accounting system to generate enterprise data accurately. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1013 / ABM 113 and ABM 1015 / ABM 115

ABM 1015 / ABM 115: Financial Analysis III – 3 Credits

Develop a cash flow and enterprise budgets. Student will learn cash flow concepts and the relationship to enterprise budgets. Use of data from an accounting system as well as other decision aid tools will be used in the cash flow and enterprise budget development. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1013 / ABM 113 and ABM 1014 / ABM 114

ABM 1016 / ABM 116: Financial Analysis IV – 3 Credits

Develop a cost and market value accrual balance sheet. This course focuses on the development of cost and marketing value balance sheets. Accrual features of an established accounting system will be analyzed in determining data that can be generated and utilized in the development of this financial statement. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project

selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1017 /ABM 117 and ABM 1018 / ABM 118

ABM 1017 / ABM 117: Financial Analysis V – 3 Credits

Develop a cost and market value accrual balance sheet. This course focuses on the development of cost and marketing value balance sheets. Accrual features of an established accounting system will be analyzed in determining data that can be generated and utilized in the development of this financial statement. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1016 / ABM 116 and ABM 1018 / ABM 118

ABM 1018 / ABM 118: Financial Analysis VI – 3 Credits

Determine financial health of a business with the use of industry financial ratios. This course focuses on industry ratio used in determining the financial health of a business. Types of ratios as well as their calculations will be discussed. Comparisons of financial statements from an accounting system will be utilized. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1016 / ABM 116 and ABM 1017 / ABM 117

ABM 1023 / ABM 123: Commodity Marketing I – 3 Credits

Determine marketing strategies for agriculture commodities. Discussion will include identifying marketing information sources and defining marketing terminology. The students will also examine ways they can use current and forward marketing strategies in their operation. Course will also focus on enterprise identification and refinement of software enterprise features for production data. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated

in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.
(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1024 / ABM 124 and ABM 1025 / ABM 125

ABM 1024 / ABM 124: Commodity Marketing II – 3 Credits

Identify the function of basis in market price discovery, how to calculate margin account futures activity, and how to utilize option contracts in mitigating market risks. Investigation of software applications to further the calculations for production costs will be addressed. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1023 / ABM 123 and ABM 1025 / ABM 125

ABM 1025 / ABM 125: Commodity Marketing III – 3 Credits

Utilizes enterprise production data and its impact on cash flow to determine marketing strategies. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1023 / ABM 123 and ABM 1024 / ABM 124

ABM 1026 / ABM 126: Commodity Marketing IV – 3 Credits

Analyzes price behavior using both technical and fundamental analysis. A marketing plan will be developed using calculated production costs and marketing strategies. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1027 / ABM 127 and ABM 1028 / ABM 128

ABM 1027 / ABM 127: Commodity Marketing V – 3 Credits

Covers evaluations and revisions of a marketing plan using actual production costs, local marketing alternatives, futures and option contracts, and technical analysis. Utilization of the

plan will be determined. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1026 / ABM 126 and ABM 1028 /ABM 128

ABM 1028 / ABM 128: Commodity Marketing VI – 3 Credits

Covers evaluation and refining of cost of production for all enterprises to select marketing strategies. Utilize these calculations in developing and implement a production data base.

Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1026 / ABM 126 and ABM 1027 / ABM 127

ABM 1063 / ABM 163: Marketing Plan Development I – 3 Credits

Covers the use of marketing research to analyze the initial steps in developing a marketing plan. The focus will be on product and service component of the market plan. Data trends for products and services from an accounting system will be utilized in the analysis process.

Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1064 / ABM 164 and ABM 1065 / ABM 165

ABM 1064 / ABM 164: Marketing Plan Development II – 3 Credits

Covers development of a customer and competitive analysis for a market plan. Research on market potential and target areas will be included. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1063 / ABM 163 and ABM 1065 / ABM 165

ABM 1065 / ABM 165: Marketing Plan Development III – 3 Credits

Develops a pricing strategy for a marketing plan. Development of a pricing strategy will include price/quality relationships, sales methods, and ways to add value to products/services. Data from an inventory system as well as sales and expenses for products/services will be addressed. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1063 / ABM 163 and ABM 1064 / ABM 164

ABM 1066 / ABM 166: Marketing Plan Development IV – 3 Credits

Develops a promotional strategy for a marketing plan. Development will include examining the business image, use of technology and media. Promotional costs will be addressed. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1067 / ABM 167 and ABM 1068 / ABM 168

ABM 1067 / ABM 167: Marketing Plan Development V – 3 Credits

Interprets data needed for all components in a marketing plan. Identification of data collected for sections of the marketing plan will be analyzed. The need for additional decision aids tools will be examined. A historical trend analysis for sales and expenses for use in the marketing plan will be developed. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 1066 / ABM 166 and ABM 1068 / ABM 168

ABM 1068 / ABM 168: Marketing Plan Development VI – 3 Credits

Designs a marketing plan for the business. Overall marketing plan will be written with focus on how the plan differentiates from others. Cash flow ability will determine feasibility of the plan.

Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.
(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)
Corequisites: ABM 1066 / ABM 166 and ABM 1067 / ABM 167

ABM 2003 / ABM 203: Web Productivity/Utilization I – 3 Credits

Assesses business's present use of the Internet and the relationships to improved productivity. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.
(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)
Corequisites: ABM 2004 / ABM 204 and ABM 2005 / ABM 205

ABM 2004 / ABM 204: Web Productivity/Utilization II – 3 Credits

Identifies common terminology and minimum technical requirements for Internet use. Focuses on common technology terms to broaden knowledge of the Internet and to add credibility to one's use of technology. Addresses identification of business's equipment for Internet use. Emphasizes understanding and utilizing the tools available and the technical capabilities of the present business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.
(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)
Corequisites: ABM 2003 / ABM 203 and ABM 2005 / ABM 205

ABM 2005 / ABM 205: Web Productivity/Utilization III – 3 Credits

Appraises the components for the initial development of a web use plan for the business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture
(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2003 / ABM 203 and ABM 2004 / ABM 204

ABM 2006 / ABM 206: Web Productivity/Utilization IV – 3 Credits

Evaluates the effectiveness of the business's communication component of a web use plan. Emphasis on improved utilization of the internet for communication to customers, vendors, financial institutions and other professionals. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2007 / ABM 207 and ABM 2008 / ABM 208

ABM 2007 / ABM 207: Web Productivity/Utilization V – 3 Credits

Evaluate the effectiveness of the search component of a web use plan. Emphasis will be placed on improved utilization of searching the internet for information pertinent to the business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2006 / ABM 206 and ABM 2008 / ABM 208

ABM 2008 / ABM 208: Web Productivity/Utilization VI – 3 Credits

Evaluate the need for web presence as a component in the web use plan. Focus will be on the refinement of all web use component and implementation of the agribusiness web use plan relating to business operations. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2006 / ABM 206 and ABM 2007 / ABM 207

ABM 2013 / ABM 213: Advanced Business Management I – 3 Credits

Interprets in-depth financial analysis processes for the business. This will include advanced financial analysis terminology and financial statements. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or

operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2014 / ABM 214 and ABM 2015 / ABM 215

ABM 2014 / ABM 214: Advanced Business Management II – 3 Credits

Analyzes existing financial trends and emphasis of pro forma activities for further analysis of the business. Utilization of accurate accrual records and historical data will provide the basis of the pro forma statement development as it currently operates. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2013 / ABM 213 and ABM 2015 / ABM 215

ABM 2015 / ABM 215: Advanced Business Management III – 3 Credits

Analyzes existing financial trends and emphasis of pro forma activities for further analysis of the business. Utilization of accurate accrual records and historical data will provide the basis of the pro forma statement development as it currently operates. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2013 / ABM 213 and ABM 2014 / ABM 214

ABM 2016 / ABM 216: Advanced Business Management IV – 3 Credits

Evaluates and assesses revisions to the business plan. This will include a process for periodic review with a focus on strengthening of management skills. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2017 / ABM 217 and ABM 2018 / ABM 218

ABM 2017 / ABM 217: Advanced Business Management V – 3 Credits

Identifies critical areas in the business and sources of business risk. Various methods of researching resource materials to keep business plan current will be addressed as well as identifying alternatives to minimize future risks. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2016 / ABM 216 and ABM 2018 / ABM 218

ABM 2018 / ABM 218: Advanced Business Management VI – 3 Credits

Changes business plan to include a risk management component which addresses the critical issues identified. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2016 / ABM 216 and ABM 2017 / ABM 217

ABM 2023 / ABM 223: Integrated Management I – 3 Credits

Explains the general concepts of integrated management, importance, and relationship to business sustainability. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2024 / ABM 224 and ABM 2025 / ABM 225

ABM 2024 / ABM 224: Integrated Management II – 3 Credits

Examines technological techniques currently available and the importance of risk management in an integrated management plan. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project

selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2023 / ABM 223 and ABM 2025 / ABM 225

ABM 2025 / ABM 225: Integrated Management III – 3 Credits

Evaluates data and software currently used as well as the strengths and weaknesses of the business risk management plan as it relates to technology integration. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation)

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2023 / ABM 223 and ABM 2024 / ABM 224

ABM 2026 / ABM 226: Integrated Management IV – 3 Credits

Analyzes current use of technology and identifies what change(s) should be addressed to have improved information and data for the agricultural business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2027 / ABM 227 and ABM 2028 / ABM 228

ABM 2027 / ABM 227: Integrated Management V – 3 Credits

Creates a preliminary data and software management plan incorporating new or improved technology integration methods that have been identified. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2026 / ABM 226 and ABM 2028 / ABM 228

ABM 2028 / ABM 228: Integrated Management VI – 3 Credits

Develops an implementation plan for integrated management that addresses software, data, risk reduction, and financial impact. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2026 / ABM 226 and ABM 2027 / ABM 227

ABM 2033 / ABM 233: Profit Maximization I – 3 Credits

Lists the major business organizational structures available to agribusiness operations and compares the advantages and disadvantages of each. Documents the risk management and financial responsibilities of each. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2034 / ABM 234 and ABM 2035 / ABM 235

ABM 2034 / ABM 234: Profit Maximization II – 3 Credits

Develops an understanding of basic agricultural business taxes and their preparation. Special emphasis will be placed on alternative rules for depreciating farm property. The student will also document the income tax implications of alternative business organizational structure. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2033 / ABM 233 and ABM 2035 / ABM 235

ABM 2035 / ABM 235: Profit Maximization III – 3 Credits

Compares the relationship between input levels and the corresponding output. Demonstrates how to calculate the production response from alternative levels of input allocation within an enterprise and among alternative enterprises. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours,

contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2033 / ABM 233 and ABM 2034 / ABM 234

ABM 2036 / ABM 236: Profit Maximization IV – 3 Credits

Defines basic economic concepts that enhance the financial success of an agriculture operation. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2037 / ABM 237 and ABM 2038 / ABM 238

ABM 2037 / ABM 237: Profit Maximization V – 3 Credits

Analyzes production costs and revenue from an economic standpoint. Identifies the production level that allows profits to be maximized. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2036 / ABM 236 and ABM 2038 / ABM 238

ABM 2038 / ABM 238: Profit Maximization VI – 3 Credits

Examines the concepts that determine how market prices are established in a purely competitive agriculture environment. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2036 / ABM 236 and ABM 2037 / ABM 237

ABM 2043 / ABM 243: Rural Business Entrepreneurship I – 3 Credits

Identifies components of a business plan for a new business venture. This course centers on the collection of data necessary for the development. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or

operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2044 / ABM 244 and ABM 2045 / ABM 245

ABM 2044 / ABM 244: Rural Business Entrepreneurship II – 3 Credits

Develops a customer analysis component for a new venture business plan and analyzes the product/service component. Focuses on the customer analysis component including target customers and customer profiles. Customer wants and needs will be listed and compared with the product/service component. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2043 / ABM 243 and ABM 2045 / ABM 245

ABM 2045 / ABM 245: Rural Business Entrepreneurship III – 3 Credits

Identifies target markets and develop a competition analysis for a new business venture. Focuses on identifying target markets and the potential, as well as the development of the competition analysis component of the new venture business plan. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2043 / ABM 243 and ABM 2044 / ABM 244

ABM 2046 / ABM 246: Rural Business Entrepreneurship IV – 3 Credits

Identifies the enterprises for a new business venture and the financial statements needed for the development of the financial section. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2047 / ABM 247 and ABM 2048 / ABM 248

ABM 2047 / ABM 247: Rural Business Entrepreneurship V – 3 Credits

Develops sale and expense forecasts for the creation of a new venture business plan. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2046 / ABM 246 and ABM 2048 / ABM 248

ABM 2048 / ABM 248: Rural Business Entrepreneurship VI – 3 Credits

Identifies startup costs and develops a cash flow for a new business venture. Focuses on the development of a cash flow and evaluation of financial statements. Financial statement evaluation will point to financing needs and identification of business venture risks. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2046 / ABM 246 and ABM 2047 / ABM 247

ABM 2053 / ABM 253: Leadership Human Resource I – 3 Credits

Defines leadership and identifies the process of leadership and what are effective leadership skills. Focuses on the concepts and skills associated with effective leadership. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2054 / ABM 254 and ABM 2055 / ABM 255

ABM 2054 / ABM 254: Leadership Human Resource II – 3 Credits

Identifies concepts associated with functional teams and examines stress management concepts in a business environment. Focuses on concepts relating to leadership management, characteristics of functional teams, and stress management. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned

and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2053 / ABM 253 and ABM 255 / ABM 2055

ABM 2055 / ABM 255: Leadership Human Resource III – 3 Credits

Identifies human resource (HR) management tools that can help manage essential HR and people-oriented tasks. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2053 / ABM 253 and ABM 2054 / ABM 254

ABM 2056 / ABM 256: Leadership Human Resource IV – 3 Credits

Examines team building within the business and develops a leadership plan to optimize team performance. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2057 / ABM 257 and ABM 2058 / ABM 258

ABM 2057 / ABM 257: Leadership Human Resource V – 3 Credits

Develops a stress management reduction plan. This course includes analyzing stressful situations, effective ways to deal with stress, and the development of a stress reduction plan and techniques. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.

(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)

Corequisites: ABM 2056 / ABM 256 and ABM 2058 / ABM 258

ABM 2058 / ABM 258: Leadership Human Resource VI – 3 Credits

Develops a handbook that addresses human resource practices for a business. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture.
(Contact hours – 54.2 (CO-OP) 5 LEC; 7.5 IND INST; 41.7 CO-OP)
Corequisites: ABM 2056 / ABM 256 and ABM 2057 / ABM 257

ACC - ACCOUNTING

ACC 1001 / ACC 101: Fundamentals of Accounting - 3 Credits

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.
(Contact hours – 45)

ACC 1011: Introduction to Financial Accounting - 3 Credits

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.
(Contact hours – 45)

ACC 1012: Introduction to Managerial Accounting - 3 Credits

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.
(Contact hours – 45)

Prerequisite(s): ACC 1001 or ACC 1011 or ACC 1021 / ACC 121

ACC 1015 / ACC 115: Payroll Accounting - 3 Credits

Covers 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, including computerized payroll procedures.
(Contact hours – 45)

Corequisite(s): ACC 1001 / ACC 101 or ACC 1011 or ACC 1021 / ACC 121

ACC 1025 / ACC 125: Computerized Accounting - 3 Credits

Introduces the capabilities of computer applications in accounting. Includes solving accounting problems of a financial nature and hardware and software controls.

(Contact hours – 45)

Prerequisite(s): ACC 1001 / ACC 101 or ACC 1011 or ACC 1021 / ACC 121

ACC 1031 / ACC 131: Income Tax - 3 Credits

Introduces basic concepts of federal income taxation and tax administration with emphasis on taxation of individuals and sole proprietorships.

(Contact hours – 45)

ACC 1032 / ACC 132: Tax Help Colorado - 2 Credits

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.

(Contact hours – 30)

ACC 1035 / ACC 135: Spreadsheet Apps/Accounting - 3 Credits

Introduces spreadsheets as an accounting tool in the application of fundamental accounting concepts, problem-solving, and decision-making skills.

(Contact hours – 45)

Corequisite(s): ACC 1001 or ACC 1021 and CIS 1018 or CIS 1055

ACC 1038 / ACC 138: Payroll and Sales Tax - 3 Credits

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.

Prerequisite(s) or Corequisite(s): ACC 1001 or ACC 1011 or ACC 1021

ACC 2011 / ACC 211: Intermediate Accounting I - 4 Credits

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.

(Contact hours – 60)

Prerequisite(s): ACC 1012 or ACC 1022 / ACC 122

ACC 2012 / ACC 212: Intermediate Accounting II - 4 Credits

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.

(Contact hours – 60)

Prerequisite(s): ACC 2011

ACC 2026 / ACC 226: Cost Accounting - 3 Credits

Explores cost accumulation methods and reports, including job order, process, standard, and activity-based cost systems. Topics include budgeting, planning, and control of costs.

(Contact hours – 45)

Prerequisite(s): ACC 1012 or ACC 1022 / ACC 122

ACC 2031 / ACC 231: Business Taxation - 3 Credits

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.

Prerequisite(s): ACC 1031 or ACC 1032

ACC 2035 / ACC 235: Computerized Accounting: Small - 3 Credits

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.

(Contact hours 45)

Prerequisite(s) or Corequisite(s): ACC 1001 or ACC 1011 or ACC 1021

ACC 2045/ ACC 245: Computerized Accounting Professional Package - 3 Credits

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.

Prerequisite(s) or Corequisite(s): ACC 1001 or ACC 1011 or ACC 1021

ACC 2089 / ACC 289: Capstone 0-12 Credits

Provides a demonstrated culmination of learning within a given program of study.

Prerequisite(s) or Corequisite(s): ACC 1012 or ACC 1022

****** Additional courses available through Colorado Online @ ******

AGB - AGRICULTURE BUSINESS**AGB 1002 / AGB 102: Foundations of Agri-Business - 3 Credits**

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.

(Contact hours 45)

****** Additional courses available through Colorado Online @ ******

AGE - AGRICULTURE ECONOMICS

AGE 1102 / AGE 102: Agriculture Economics: GT-SS1 - 3 Credits

Focuses on economic principles and decision-making by consumers, firms, and government with emphasis on their application to the food, fiber, and natural resource sectors of the economy. This is a statewide Guaranteed Transfer course in the GT-SS1 category.
(Contact hours 45)

AGE 2105 / AGE 205: Farm and Ranch Management - 3 Credits

Provide students with practical experience in applying principles of economics, business, marketing and finance to the management of a farm/ranch operation.
(Contact hours 45)

AGE 2108 / AGE 208: Agricultural Finance - 3 Credits

Emphasizes principles of finance and their application to agriculture and agribusiness, including the time value of money, net present value analysis, interest, credit lending institutions, financial statements and financial ratios.
(Contact hours 45)

Prerequisite(s): AGE 2105 / AGE 205 or permission of instructor

AGE 2110 / AGE 210: Agriculture Marketing - 3 Credits

Studies the agricultural marketing system and methods of marketing crops and livestock. Emphasizes hedging with futures options.
(Contact hours 45)

AGP - AGRICULTURE PRODUCTION

AGP 1046 / AGP 146: Artificial Insemination Management - 2 Credits

Provides a study of applied fundamentals of anatomy and reproduction as they pertain to artificial insemination. This course emphasizes the handling of frozen semen, heat detection and nutritional management for artificial insemination (AI). Individualized training is given in developing and perfecting insemination techniques in live cattle.
(Contact hours 30)

AGP 1047 / AGP 147: Practical Cattle Reproduction - 2 Credits

Studies the fundamentals of cattle reproduction. Principles covered include nutrition, breeding, system management, physiology of the reproductive tract, hormone function, fertilization, stages of pregnancy, and overall reproductive management of the cow herd. This course emphasizes economic decision making, practical experience, and practical applications in reproductive management that may include reproductive tract scoring, pelvic measuring, body condition scoring, artificial insemination, and palpating cows.

(Contact hours 37.5)

AGP 1048 / AGP 148: Cattle Reproduction Lab - 1 Credit

Development of skills necessary for reproductive management of cattle in beef and dairy operations. Covers the practical application of reproductive management techniques and practices utilized in the cattle industry.

(Contact hours 30)

AGP 2015 / AGP 215: Animal Health – 3 Credits

Introduces methods of prevention, recognition and treatment of common livestock diseases.

(Contact hours 45)

AGP 2047 / AGP 247: Production Cattle Feeding - 3 Credits

Continues ASC212 with emphasis on production cattle feeding in large and medium size operations. The mechanics and management of feeding operations in Logan County are observed and studied. Three major areas are emphasized: feedlot layout and design, nutrition, and health.

(Contact hours 45)

AGP 2080 / AGP 280: Production Ag. Internship - 1 Credits

To be determined by the individual instructor. A Course Description will be developed for each course and documented within the course syllabus. Refer to the SFCC Style Guide for Course Description, Required Course Learning Outcome, and Topical Outline guidelines.

(Contact hours – 15)

AGR – AGRICULTURE

AGR 1970 / AGR 170: Rodeo I - 0-12 Credits

Offers the clinical practicum required for the program.

AGR 1971 / AGR 171: Rodeo II - 0-12 Credits

Offers the clinical practicum required for the program.

AGR 1972 / AGR 172: Rodeo III - 0-12 Credits

Offers the clinical practicum required for the program.

AGR 1973 / AGR 173: Rodeo IV - 0-12 Credits

Offers the clinical practicum required for the program.

AGR 1974 / AGR 174: Rodeo V - 0-12 Credits

Offers the clinical practicum required for the program.

AGR 2024 / AGR 224: Integrated Ranch Management - 3 Credits

Provides training in management pertaining to the economics of a ranching enterprise. Topics include principles of system management, resource inventory and management, ranch decision making, nutrition, selection, record keeping, financial management, and marketing. (Contact hours – 45)

AGR 2160 / AGR 260: World Population and Food: GT- SS3 - 3 Credits

Covers concepts and issues related to world population, food, and agriculture. This is a statewide Guaranteed Transfer course in the GT-SS3 category. (Contact hours – 45)

AGY - AGRICULTURE CROPS & SOILS

AGY 1100 / AGY 100: General Crop Production - 4 Credits

Focuses on production and adaptation of cultivated crops, principles affecting growth, development, management, and utilization. (Contact hours – 75)

AGY 2140 / AGY 240: Introductory Soil Science: GT-SC1 - 4 Credits

Focuses on formation, physical properties, chemical properties, and management of soils emphasizing conditions that affect plant growth. This is a statewide Guarantee Transfer course in the GT-SC1 category. (Contact hours – 75)

Prerequisite(s) or Corequisite(s): CHE 1011/CHE 101

AME - AGRICULTURAL MECHANIC

AME 1005 / AME 105: Basic Agricultural Mechanic Skills - 2 Credits

Covers safety, proper tool use, tool reconditioning, A.C. electricity, D.C. electricity, domestic water supply and farm sanitation systems. (Contact hours – 45)

ANT - ANTHROPOLOGY

ANT 1001 / ANT 101: Cultural Anthropology: SS3 - 3 Credits

Examines the study of human cultural patterns, including communication, economic systems, social and political organizations, religion, healing systems, and cultural change. This is a statewide Guaranteed Transfer course in the GT-SS3 category. (Contact Hours – 45 Lecture)

Prerequisite(s) – College Readiness in English

ANT 1004 / ANT 103: Archaeology Laboratory: GT-SS3 - 1 Credit

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.

(Contact Hours – 30)

Prerequisite(s) – College Readiness in English

ANT 1003 / ANT 107: Introduction to Archeology: GT-SS3 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

(Contact hours – 45)

Prerequisite(s) – College Readiness in English

ANT 1005 / ANT 111: Biological Anthropology with Laboratory: GT-SC1 - 4 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 75)

Prerequisite(s) – College Readiness in English

ANT 2125 / ANT 125: Anthropology of Religion: GT-SS3 - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s) – College Readiness in English

ART – ART**ART 1002 / ART 131: Visual Concepts 2-D Design - 3 Credits**

Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two dimensional media.

(Contact hours – 90)

ART 1003 / ART 132: Visual Concepts 3-D Design - 3 Credits

Focuses on learning to apply the elements and principles of design to three dimensional problems.

(Contact hours – 90)

ART 1005 / ART 150: Digital Art Foundations I - 3 Credits

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. (Contact hours – 90)

ART 1110 / ART 110: Art Appreciation: GT-AH1 - 3 Credits

Introduces the cultural significance of the visual arts, including media, processes, techniques, traditions, and terminology. This is a statewide Guaranteed Transfer course in the GT-AH1 category. (Contact hours – 45)

ART 1111 / ART 111: Art History: Ancient to Medieval: GT-AH1 - 3 Credits

Provides the knowledge base to understand the visual arts, especially as related to Western culture. This course surveys the visual arts from the Ancient through the Medieval periods. This is a statewide Guaranteed Transfer course in the GT-AH1 category. (Contact hours – 45)

ART 1112 / ART 112: Art History: Renaissance to 1900: GT-AH1 - 3 Credits

Provides the knowledge base to understand the visual arts, especially as related to Western culture. This course surveys the visual arts from the Renaissance to 1900. This is a statewide Guaranteed Transfer course in the GT-AH1 category. (Contact hours – 45)

ART 1113 / ART 207: Art History 1900 to Present: GT-AH1 - 3 Credits

Introduces the concepts necessary to understand modern visual art, with an emphasis on world art of the 20th century. This course surveys world art of the 20th century, including Modernism to Post-Modernism. This is a statewide Guaranteed Transfer course in the GT-AH1 category. (Contact hours – 45)

ART 1201 / ART 121: Drawing I - 3 Credits

Investigates the various approaches and media that students need to develop drawing skills and visual perception. (Contact hours – 90)

ART 1202 / ART 221: Drawing II - 3 Credits

Explores expressive drawing techniques with an emphasis on formal composition, black and white, and color media and content or thematic development. (Contact hours – 90)

Prerequisite(s) – ART 1201 / ART 121

ART 1301 / ART 151: Painting I - 3 Credits

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.

(Contact hours – 90)

ART 1302 / ART 251: Painting II - 3 Credits

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.

(Contact hours – 90)

Prerequisite(s) – ART 1301 / ART 151

**** Additional courses available through Colorado Online @ ****

ASC – ANIMAL SCIENCE

ASC 1100 / ASC 100: Animal Sciences - 3 Credits

Covers the basic fundamentals of livestock production including the principles of nutrition, reproduction, breeding, genetics, health, and physiology of cattle, sheep, swine, horses, and other farm species. Trends and issues in animal science and animal agriculture are also discussed in this course.

(Contact hours – 45)

ASC 2125 / ASC 225: Feeds and Feeding - 4 Credits

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.

(Contact hours – 60)

Prerequisite(s): ASC 1100 / ASC 100 or permission of instructor

ASC 2130 / ASC 230: Farm Animal Anatomy & Physiology - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s): ASC 1100 / ASC 100 or permission of instructor

ASC 2150 / ASC 250: Live Animal and Carcass Evaluation - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s): ASC 1100 / ASC 100 or permission of instructor

ASC 2188 / ASC 288 Livestock Practicum - 2 Credits

Provides experiential learning with beef cattle, dairy cattle, swine and sheep.

(Contact hours – 37.5)

Prerequisite(s): ASC 1100 / ASC 100 or permission of instructor

AST – ASTRONOMY**AST 1110 / AST 101: –Planetary Astronomy w/Lab: GT-SC1 - 4 Credits**

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 75)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

AST 1120 / AST 102: Stellar Astronomy w/Lab: GT-SC1 - 4 Credits

Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe. This course also includes cosmology and relativity, and incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT- SC1 category.

(Contact hours – 75)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

AST 1150 / AST 150: Astrobiology: Life in the Universe: GT-SC2 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC2 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

BAR – BARBERING**BAR 1003: Introduction to Hair and Scalp – 1 Credit**

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.

BAR 1007: Intro/Shaving/Honing/Strop – 1 Credit

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.

BAR 1008: Inter/Shaving/Honing/Stropping – 1 Credit

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.

BAR 1010: Introduction to Hair Coloring – 3 Credits

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.

BAR 1011: Intermediate Hair Coloring – 2 Credits

Emphasizes theory and practical application of color products, formulations of color, and level and shades of color.

BAR 1020: Introduction to Haircutting – 3 Credits

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.

BAR 1021: Intermediate Haircutting – 3 Credits

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.

BAR 1030: Introduction to Hairstyling – 3 Credits

Combines theory with the practical application of air forming curling iron, finger waving, soft pressing and hard pressing.

BAR 1031: Intermediate Hair Styling – 3 Credits

Focuses on the accepted methods of styling hair, air forming, finger waves, and hair pressing.

BAR 1040: Introduction to Permanent Waves & Chemical Relaxers – 3 Credits

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.

BAR 1041: Intermediate Permanent Waves & Chemical Relaxers – 3 Credits

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.

BAR 1066: Intro to Facial Massage/ Skin Care – 1 Credit

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.

BAR 1067: Intermediate Facial Massage/Skin Care – 1 Credit

Focuses on practical application dealing with anatomy, skin disorders, skin types and facial shapes. Students help patrons select proper skin care treatments.

BAR 2003: Advanced Hair and Scalp – 1 Credit

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.

BAR 2007: Advanced Shaving/Honing/Stropping – 1 Credit

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.

BAR 2011: Advanced Hair Coloring – 3 Credits

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.

BAR 2020: Advanced Hair Cutting – 3 Credits

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.

BAR 2031: Advanced Hair Styling – 3 Credits

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.

BAR 2041: Advanced Permanent Waves & Chemical Relaxers – 2 Credits

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 and Skin Care – 1 Credit

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.

BIO – BIOLOGY

BIO 1004 / BIO 104: Biology: A Human Approach:GT-SC1 - 4 Credits

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 is a statewide Guaranteed Transfer course in the GT-SC1 category. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours- 75)

Recommendation: College Readiness in English and Quantitative Literacy Math

BIO 1005 / BIO 105: Science of Biology: GT-SC1 - 4 Credits

Examines the basis of biology in the modern world and surveys the current knowledge and conceptual framework of the discipline. Explores biology as a science, a process of gaining new knowledge, and the impact of biological science on society. This course includes a laboratory experience. Designed for non-science majors. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 75)

Recommendation: College Readiness in English and Quantitative Literacy Math

BIO 1006 / BIO 106: Basic Anatomy and Physiology - 4 Credits

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.

(Contact hours – 75)

Recommendation: College Readiness in English and Quantitative Literacy Math

BIO 1111 / BIO 111: General College Biology with Lab: GT-SC1 - 5 Credits

Examines the fundamental molecular, cellular and genetic principles characterizing plants and animals. Includes cell structure and function, and the metabolic processes of respiration, and photosynthesis, as well as cell reproduction and basic concepts of heredity. The course includes laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 90)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

BIO 1112 / BIO 112: General College Biology II with Lab: GT-SC1 - 5 Credits

Examines the fundamental principles of ecology, evolution, classification, structure, and function in plants and animals. This course includes a laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 90)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

BIO 2101 / BIO 201: Human Anatomy and Physiology I -GT-SC1 - 4 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 75)

Prerequisite(s): BIO 1111/ BIO 111 or BIO 1010

BIO 2102 / BIO 202: Human Anatomy and Physiology II: GT-SC1 - 4 Credits

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 a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 75)

Prerequisite(s): BIO 2101 / BIO 201

BIO 2104 / BIO 204: Microbiology: GT-SC1 - 4 Credits

Covers the diversity of microorganisms, their structure, physiology, and the identification process. There is an emphasis on microorganisms that cause infectious disease and the process of infection, host immune responses, and methods to control microorganisms. Laboratory experiences include culturing, identifying, and controlling microorganisms. This course is designed for students pursuing a health science field. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 75)

Prerequisite(s): BIO 1111/ BIO 111 or BIO 1010

BIO 2116 / BIO 216: Human Pathophysiology - 4 Credits

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.

(Contact hours – 75)

Prerequisite(s): BIO 2101 / BIO 201 and/or co-requisite: BIO 2102 / BIO 202

BIO 2120 / BIO 220: General Zoology with Lab - 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 90)

Prerequisite(s): BIO 1112

BIO 2181 / BIO 281: Internship - 1-12 Credits

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.

BUS – BUSINESS

BUS 1002 / BUS 102: Entrepreneurial Operations - 3 Credits

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.

(Contact hours – 45)

BUS 1015 / BUS 115: Introduction to Business - 3 Credits

Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.

(Contact hours – 45)

BUS 1016 / BUS 116: Personal Finance - 3 Credits

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.

(Contact hours – 45)

BUS 1017 / BUS 117: Business Writing - 1 Credit

Focuses on effective business messages, business reports, visual graphics, electronic presentations, and proofreading.

BUS 1020 / BUS 120: Introduction to E-Commerce –3 credits

Focuses on principles of e-commerce from a business perspective, providing an overview of business and technology topics, business models, virtual value chains and social innovation and marketing strategies. The course also covers security, privacy, intellectual property rights, authentication, encryption, acceptable use policies, and legal and ethical liabilities.
(Contact hours – 45)

BUS 2016 / BUS 216: Legal Environment of Business - 3 Credits

Emphasizes public law, regulation of business, ethical considerations, and various relationships existing within society, government, and business. Specific attention is given to economic regulation, social regulation, labor-management issues, environmental issues, and contract fundamentals. This course analyzes the role of law in social, political, and economic change business environments.
(Contact hours – 45)

BUS 2017 / BUS 217: Business Communication & Report Writing - 3 Credits

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.
(Contact hours – 45)

BUS 2026 / BUS 226: Business Statistics - 3 Credits

Focuses on statistical study, sampling, organizing and visualizing data, descriptive statistics, probability, binomial distributions, normal distributions, confidence intervals, linear regression, and correlation. Intended for business majors.
(Contact hours – 45)

BUS 2041 / BUS 241: Cultural Diversity in Business - 3 Credits

Focuses on principles of e-commerce from a business perspective, providing an overview of business and technology topics, business models, virtual value chains and social innovation and marketing strategies. The course also covers security, privacy, intellectual property rights, authentication, encryption, acceptable use policies, and legal and ethical liabilities.

BUS 2088 / BUS 288: Practicum 0-12 Credits

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.

BUS 2089 / BUS 289: Capstone 0-12 Credits

Demonstrates the culmination of learning within a given program of study.

CAD – COMPUTER ASSISTED DRAFTING

CAD 1101 / CAD 101: Computer Aided Drafting/2D I - 3 Credits

Focuses on basic computer aided drafting skills using the AutoCAD software. Includes file management, Cartesian coordinate system & dynamic input, drawing templates, drawing aids, linetype and lineweights, layer usage, drawing & editing geometric objects, polylines & splines, array, text applications, creating tables, basic dimensioning and Help access.

CAR – CARPENTRY

CAR 1005: Job Site Layout and Blueprint Reading – 1 Credit

Course Description: Introduces blue-print reading and how they apply to the construction site. Includes in-depth introduction to site layout (materials and methods).

CAR 1015: Form & Foundation Systems – 1 Credit

Course Description: Covers materials and methods for concrete forms and foundations. Includes various reinforcement methods such as re-bar and welded-wire fabric forms and foundations.

CHE – CHEMISTRY

CHE 1011 / CHE 101: Introduction to Chemistry I with Lab – GT-SC1 - 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category. (Contact hours – 90)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

CHE 1012 / CHE 102: Introduction to Chemistry II with Lab- GT-SC1 - 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 90)

Prerequisite(s): College Readiness in English and CHE 1011 / CHE 101

CHE 1111 / CHE 111: General College Chemistry I with Lab- GT-SC1 - 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 90)

Prerequisite(s): College Readiness in English, MAT 1340 / MAT 121 or higher and CHE 1011 or High School Chemistry

CHE 1112 / CHE 112: General College Chemistry II with Lab – GT-SC1 - 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 90)

Prerequisite(s): CHE 1111 / CHE 111 and MAT 1340

CHE 2111 / CHE 211: Organic Chemistry I with Lab - 5 Credits

Focuses on compounds associated with the element carbon including structure and reactions of aliphatic hydrocarbons and selected functional group families. The course covers nomenclature of organic compounds, stereochemistry, and reaction mechanisms such as SN1, SN2, E1 and E2. Laboratory experiments demonstrate the above concepts plus the laboratory techniques associated with organic chemistry.

(Contact hours – 105)

Prerequisite(s): CHE 1112 / CHE 112

CHE 2112 / CHE 212: Organic Chemistry II with Lab - 5 Credits

Explores the chemistry of carbon-based compounds, their reactions and synthesis including the structure, physical properties, reactivities, and synthesis of organic functional groups not covered in Organic Chemistry I. The course explores functional groups including alcohols, ethers, aromatics, aldehydes, ketones, amines, amides, esters, and carboxylic acids and the reactions and reaction mechanisms of aromatic compounds. An introduction to biochemical topics may be included if time permits. Laboratory experiences demonstrate the above concepts and the laboratory techniques associated with organic chemistry.

(Contact hours – 105)

Prerequisite(s): CHE 2111 / CHE 211

CIS – COMPUTER INFORMATION SYSTEMS

CIS 1015 / CIS 115: Intro to Computer Info Sys - 3 Credits

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.

(Contact hours – 45)

CIS 1018 / CIS 118: Intro PC Applications - 3 Credits

This course 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.

(Contact hours – 45)

CIS 1035 / CIS 135: Complete Word Processing - 3 Credits

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.

(Contact hours – 45)

CIS 1045 / CIS 145: Intro to Desktop Database - 3 Credits

Explores an array of database skills. Includes table, query, form, and report creation and modification. Also includes application integration.

(Contact hours – 45)

CIS 1055 / CIS 155: Complete Spreadsheets - 3 Credits

Introduces basic to advanced features of spreadsheet software to design and create accurate, professional worksheets for use in business and industry. The course includes entering data, creating formulas, professional formatting, creating charts, creating, sorting and filtering tables, creating and using templates, applying built-in functions, creating pivot tables, applying “what-if analysis” with data tables, creating macros, and using solver features.

(Contact hours – 45)

CIS 2018 / CIS 218: Advanced PC Applications - 3 Credits

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.

(Contact hours – 60)

CIS 2040 / CIS 240: Database Design & Development - 3 Credits

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.

(Contact hours – 45)

CIS 2067 / CIS 267: Mgmt. of Information Systems - 3 Credits

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.

(Contact hours – 45)

CIS 2068 / CIS 268: Systems Analysis and Design I - 3 Credits

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.

(Contact hours – 45)

**** Additional courses available through Colorado Online @ ****

CNG – COMPUTER & NETWORKING TECH**CNG 1001 / CNG 101: Networking Fundamentals - 3 Credits**

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).

(Contact hours – 45)

CNG 1024 / CNG 124: Networking I – Network - 3 Credits

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.

(Contact hours – 45)

CNG 2011 / CNG 211: Windows Configuration - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s): CNG 1001 / CNG 101 or CNG 1024 / CNG 124

COM – COMMUNICATIONS**COM 1105 / COM 105: Career Communication - 3 Credits**

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.

(Contact hours – 45)

COM 1150 / COM 115: Public Speaking - 3 Credits

Combines the basic theories of communication with public speech performance skills.

Emphasis is on speech preparation, organization, support, audience analysis, and delivery.

(Contact hours – 45)

COM 1250 / COM 125: Interpersonal Communication - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

(Contact hours – 45)

COM 1260 / COM 126: Communication in Healthcare - 3 Credits

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.

(Contact hours – 45)

COM 2063 / COM 263: Conflict Resolution - 1 Credit

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.

(Contact hours – 15)

COM 2069 / COM 269: Leadership - 1 Credit

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.

(Contact hours – 15)

COM 2200 / COM 209: Intrapersonal Communication - 3 Credits

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.

(Contact hours – 45)

COM 2220 / COM 217: Group Communication: SS3 – 3 Credits

Examines group communication theories with an emphasis on leadership and group behaviors. The course provides opportunities for group participation. This is a statewide Guaranteed Transfer course in the GT-SS
(Contact hours – 45)

COM 2250 / COM 225: Organizational Communication – 3 Credits

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.
(Contact hours – 45)

COM 2270 / COM 215: Gender Communication - 3 Credits

Examines contemporary theories and research in gendered communication. This course will involve reading and discussion in areas of gender differences in self-perception, social and media images of men and women, language usage and nonverbal behavior differences among genders. Relevant concepts include verbal communication, nonverbal communication, context, language, perception, and conflict.
(Contact hours – 45)

COM 2300 / COM 220: Intercultural Communication: SS3 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SS3 category.
(Contact hours – 45)

CON – CONSTRUCTION TECHNOLOGY**CON 1010: Intro to Construction, Part 1 – 4 Credits**

Explores the expanding array of careers within the construction industry. Students will be exposed to the construction industry through job site tours, hands-on experience, and classroom activities. Math and science applications will be established through the academic integration of jobsite technical skills and classroom theory.

CON 1028: Cost Estimation – 2 Credits

Course Description: Provides an overview of the estimation process. Bid requirements, and package are discussed along with an introduction to the CSI divisions.

CON 1040: Intro Bldg Codes & Enforcement – Intro Bldg Codes & Enforcement – 3 Credits

Course Description: Introduces the basic concepts of code enforcement.

CON 1056: Building Permits/Licensing – 4 Credits

Course Description: Covers the governmental regulations concerning building and the process through which these regulations are enforced including whom to talk to, what to do, when to do the inspection process, how to obtain a building permit and the process of securing a variance.

CON 1057: NCCER Core – National Center for Construction Education & Research Core – 5 Credits

Course Description: Introduces the fundamentals for all construction trades to include basic construction site safety, introduction to construction math, introduction to power tools, introduction to construction drawings, basic communication skills, basic employability skills, and introduction to material handling. This course is designed as an entry level course for any of the building trades program specialties.

CON 1058: NCCER Carpentry I- National Center for Construction Education & Research Carpentry I – 6 Credits

Course Description: Introduces foundational level carpentry skills, basic residential construction systems, the importance of personal and workplace safety, and the role of carpenters within the construction industry.

CON 1059: NCCER Carpentry Level II – National Center for Construction Education & Research Carpentry Level II – 6 Credits

Course Description: Introduces the NCCER Carpentry level two for the construction trades to include commercial drawings, cold-formed steel framing, exterior finishing, thermal and moisture protection, roofing applications, doors and door hardware, drywall installation, drywall finishing, suspended ceilings, window, door, floor, ceiling trim, and cabinet installation.

CON 1062: NCCER Electrical I – National Center for Construction Education & Research Electrical I – 6 Credits

Course Description: Introduces the fundamentals of electrical trades and practices in residential application. Topics in this course include orientation to the electrical trade, electrical safety, basic electrical circuits, electrical theory, introduction to the National Electrical Code, device boxes, raceways and fittings, conductors and cables, basic electrical construction drawings, residential electrical services, electrical test equipment, and basic installation techniques.

CON 1063: NCCER Electrical II – National Center for Construction Education & Research Electrical II – 6 Credits

Course Description: Introduces the fundamentals of electrical trades and practices in residential application to include alternating current, theory and application, electric lighting, conduit bending, pull and junction boxes, conductor installations, cable tray, conductor terminations and splices, grounding and bonding, circuit breakers and fuses, and control systems and fundamental concepts.

**CON 1066: NCCER Plumbing I – National Center for Construction Education & Research
Plumbing I – 6 Credits**

Course Description: Introduces common types of piping, their proper fitting, fixtures, and distribution systems. Topics include the plumbing trade and construction drawings; plastic, copper, cast-iron, and carbon steel piping; fixtures and faucets; introduction to Drainage, Waste, and Vent (DWV) systems; and water distribution systems.

**CON 1067: NCCER Plumbing II – National Center for Construction Education & Research
Plumbing II – 6 Credits**

Course Description: Builds on concepts and practices for plumbing to include offsets around obstructions, reading commercial drawings, installing and testing Drainage, Waste, and Vent (DWV) piping systems, installing roof, floor, area drains, servicing various types of valves, installation of fixtures, faucets, hot water systems, and a discussion on fuel systems.

CON 2007: Light Construction Equipment – 3 Credits

Course Description: Covers construction equipment, and cost choices based upon size of job vs. cost of equipment rental or ownership. Course covers maintenance issues associated with various equipment and specialization.

CON 2045: Project Management – 4 Credits

Course Description: Covers the principles of project planning, scheduling, estimating and management. Emphasizes the basic skills required to supervise personnel. Includes case studies.

**CON 2062: Oral/Written Comm Const Super – Oral and Written Communication for
Construction Supervisors – 2 Credits**

Presents the fundamental principles of communication, with emphasis on sorting, facilitating and managing the flow of information that construction supervisors encounter in their daily work. The course includes nonverbal communication, listening, negotiating, giving effective directions, building consensus, writing and fundamentals of electronic communication. (Unit 2 of AGC Supervisory Training Program)

COS – COSMETOLOGY

COS 1003 / COS 103: Introduction to Hair and Scalp - 1 Credit

Introduces various types of scalp treatments, shampoos, and conditioners. This course covers hair and scalp disorders, product knowledge, and proper massage techniques. This course provides training in a lab or classroom setting.

(Contact hours – 22.5)

COS 1010 / COS 110: Introduction to Haircoloring - 2 Credits

Introduces theory pertaining to the law of color, theory of color, chemistry of color, product knowledge, and analysis of hair and scalp. This course covers basic application techniques and procedures for the application of haircolor.

(Contact hours – 37.5)

COS 1011 / COS 111: Intermediate I: Haircoloring - 2 Credits

Expands on hair coloring theory and practical application of color products, formulations of color, level and shades of color. Students will learn application techniques in a specialized class or in a supervised salon setting.

(Contact hours – 45)

COS 1020 / COS 120: Introduction to Haircutting - 2 Credits

Introduces haircutting theory relevant to patron protection, angles, elevations, and the analysis of hair textures as related to hair cutting procedures. This course covers proper use and care of hair cutting implements, basic hair cutting techniques using various cutting implements, and disinfection and sanitation procedures as they relate to haircutting.

(Contact hours – 37.5)

COS 1021 / COS 121: Intermediate I: Haircutting - 2 Credits

Expands on basic haircutting theory incorporating facial shapes, head and body forms to determine the appropriate techniques required to complete a client haircut. Students will apply hair cutting techniques in specialized classes or in the supervised salon.

(Contact hours – 45)

COS 1030 / COS 130: Introduction to Hairstyling - 2 Credits

Combines theory with the practical application of hairstyling. This course covers roller placement, hair molding and shaping, pin curls, finger waves, comb-out techniques, air forming, thermal straightening, or curling for short to long hair.

(Contact hours – 37.5)

COS 1031 / COS 131: Intermediate I: Hairstyling - 2 Credits

This course covers the accepted methods of styling hair, air forming, roller sets, finger waves, pin curls, braiding, and hair pressing.

(Contact hours – 45)

COS 1040 / COS 140: Introduction to Chemical Texture - 1 Credit

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.

(Contact hours – 22.5)

COS 1041 / COS 141: Intermediate I: Chemical Texture - 1 Credit

Emphasizes theory and practical application of chemical texture, including permanent waves and chemical relaxers, in a supervised salon setting. Students will practice different wrapping techniques required by trend styles in a classroom or salon setting.

(Contact hours – 22.5)

COS 1050 / COS 150: Laws, Rules and Regulations -1 Credit

This course covers laws, rules, and regulations governing the beauty industry in Colorado and accountability for the student, licensed individual, salons, and school owners.

(Contact hours – 15)

COS 1060 / COS 160: Introduction to Infection Control and Prevention - 2 Credits

This course covers various methods of sanitation, disinfection; and principles of workplace safety, infection control and prevention. Topics presented in this course include: classroom study of bacteriology, chemistry of cleaning versus disinfecting products that are used in the cosmetology industry, and terminology dealing with infection control.

(Contact hours – 30)

COS 1061 / COS 161: Intermediate I: Infection Control and Prevention - 1 Credit

This course focuses on the theory and daily practice of proper methods of disinfection, sanitation and safety procedures as related to all phases of cosmetology. Topics presented in this course include: terminology and training of disinfection, sanitation and safety procedures, and customer service in a supervised salon setting or specialized class.

(Contact hours – 22.5)

COS 2003 / COS 203: Intermediate I: Hair and Scalp - 1 Credit

This course covers theory and practical training in shampoos, rinses, and conditioners and examines advanced techniques to prepare the student for employment. Instruction includes preparation for the Colorado State Board Licensing Examination for shampoos, rinses, and conditioners.

(Contact hours – 22.5)

COS 2010 / COS 210: Intermediate II: Haircoloring - 2 Credits

This course covers theory and practical application of color products, formulations of color, level and shades of color. Students will practice haircoloring techniques in a specialized class or in a supervised salon setting.

(Contact hours – 45)

COS 2011 / COS 211: Advanced Haircoloring - 2 Credits

This course covers advanced theory and practical techniques in haircoloring. Course covers the recognition of color problems and color correction procedures in preparation for the Colorado State Board Licensing Examination. Topics in this course include: advanced techniques, color formulation, and product knowledge.

(Contact hours – 37.5)

COS 2020 /COS 220: Intermediate II: Haircutting - 2 Credits

This course covers haircutting theory related to facial shapes, head and body forms to determine the techniques necessary for client's specified haircut and practical applications of haircutting techniques for various client requests.

(Contact hours – 45)

COS 2021 / COS 221: Advanced Haircutting - 2 Credits

This course covers advanced haircutting techniques utilizing multiple cutting tools and emphasizes current fashion trends and preparation for the Colorado State Licensure examination.

(Contact hours – 37.5)

COS 2030 / COS 230: Intermediate II: Hairstyling - 2 Credits

This course covers accepted methods of styling hair, including: air forming, roller sets, iron sets, finger waves, braiding and hair pressing. Students will practice hairstyling techniques for client purposes in specialized classes or in a supervised salon setting.

(Contact hours – 37.5)

COS 2031 / COS 231: Advanced Hairstyling - 1 Credit

This course covers hairstyling theory and advanced techniques in all phases of hair styling to prepare the student for employment. Training is a combination of supervised salon work and specialized classes. Students will prepare for the Colorado State Board Licensing Examination.

(Contact hours – 22.5)

COS 2040 / COS 240: Intermediate II: Chemical Texture - 1 Credit

This course covers theory of chemical texture and practical application of permanent waves and chemical relaxers in specialized classes or a supervised salon setting. Students will practice different wrapping techniques required by trend styles or per client request.

(Contact hours – 22.5)

COS 2041 /COS 241: Advanced Chemical Texture - 1 Credit

This course covers advanced techniques for chemical texture and current industry standards of practice to prepare the student for employment and the State Board Licensing Examination. Instruction is provided in specialized classes or supervised salon setting.

(Contact hours – 22.5)

COS 2050 / COS 250: Business Management /Personal Skills/Ethics - 1 Credit

This course covers salon management business practices and the knowledge and skills necessary to build a successful business. Topics covered in this course include: basic business management, interpersonal skills, basic techniques in salesmanship and customer services, job readiness skills, and professional ethics.

(Contact hours – 15)

COS 2060 / COS 260: Intermediate II: Infection Control and Prevention - 2 Credits

This course covers infection control theory and practice of proper methods of sterilization, disinfection, sanitation, and safety procedures as related to all phases of the industry. Topics for this course include: terminology and training of disinfection, sanitation, and safety procedures. The individual's responsibility to provide a safe work environment is practiced. (Contact hours – 45)

COS 2061 /COS 261: Advanced Infection Control and Prevention - 1 Credit

This course covers advanced training on decontamination and safety practices in a supervised salon and/or classroom setting and primarily focuses on student preparation for the Colorado State Board Licensing Examination in decontamination and safety for all aspects of the industry. Topics for this course include: Occupational Safety and Health Administration (OSHA) requirements for schools and salons. (Contact hours – 15)

COS 2062 /COS 262: Advanced II: Disinfection, Sanitation & Safety - 3 Credits

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. (Contact hours – 67.5)

CRJ – CRIMINAL JUSTICE

CRJ 1010 / CRJ 110: Intro to Criminal Justice – GT-SS3 - 3 credits

Introduces 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. This is a statewide Guaranteed Transfer course in the GT-SS3 category. (Contact hours – 45)

CRJ 1025 / CRJ 125: Policing Systems - 3 Credits

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. (Contact hours – 45)

CRJ 1027 / CRJ 127: Crime Scene Investigation - 3 Credits

Focuses on basic procedures in crime scene management to include photography and preparing initial reports and sketches. Includes processing evidence and related criminalistic procedures. Covers interviewing suspects, witnesses and victims to include the recording of identifications and descriptions. Incorporates lab and lecture.
(Contact hours – 45)

CRJ 1035 /CRJ 135: Judicial Function - 3 Credits

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, selection of judges, decision-making behavior of juries, judges and justices, and the implementation and impact of judicial policies.
(Contact hours – 45)

CRJ 1045 / CRJ 145: Correctional Process - 3 Credits

This course covers infection control theory and practice of proper methods of sterilization, disinfection, sanitation, and safety procedures as related to all phases of the industry. Topics for this course include: terminology and training of disinfection, sanitation, and safety procedures. The individual's responsibility to provide a safe work environment is practiced.
(Contact hours – 45)

CRJ 2005 / CRJ 205: Principles of Criminal Law - 3 Credits

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.
(Contact hours – 45)

CRJ 2010 / CRJ 210: Constitutional Law - 3 Credits

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.
(Contact hours – 45)

CRJ 2020 /CRJ 220: Human Rel/Social Conflict - 3 Credits

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.
(Contact hours – 45)

CRJ 2030 / CRJ 230: Criminology - 3 Credits

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, types of crime, crime statistics, and criminal behavior is also included.
(Contact hours – 45)

CRJ 2036 / CRJ 236: CRJ Research Methods - 3 Credits

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.

(Contact hours – 45)

CRJ 2057 / CRJ 257: Victimology - 3 Credits

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. (Contact hours – 45)

**** Additional courses available through Colorado Online @ ****

CSC – COMPUTER SCIENCE**CSC 1005 / CSC 105: Computer Literacy - 3 Credits**

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.

(Contact hours – 45)

CSC 1019 / CSC 119: Introduction to Programming: (Programming Language) - 3 Credits

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.

(Contact hours – 45)

CSC 1060 / CSC 160: Computer Science I: (Programming Language) - 4 Credits

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.

(Contact hours – 60)

Prerequisite(s): CSC 1019 / CSC 119 or CSC 1020 /CSC 120 or Corequisite(s): MAT 1340 or higher

CSC 1061 / CSC 161: Computer Sci II: (Language) - 4 Credits

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.

(Contact hours – 60)

Prerequisite(s): CSC 1060 / CSC 160

CSC 2030 / CSC 230: C Programming: Platform - 3 Credits

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).

(Contact hours - 45)

Prerequisite(s): CSC 1019 / CSC 119 and Prerequisite(s) or Corequisite(s): CSC 1060 / CSC 160

CSC 2040 / CSC 240: Java Programming - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s): CSC 1060 / CSC 160 or CSC 2017 / CSC 217

**** Additional courses available through Colorado Online @ ****

CSL – COUNSELING

CSL 2050 / CSL 250: Motivational Interviewing I - 1.5 credits

Provides the opportunity for students to learn both the model of Motivational Interviewing as well as the underlying Stages of Development model. Discussion of the populations of clients where these models have proven most effective will be discussed. Student opportunity for skills practice during class that includes skill sets specific to each stage of client readiness will be used. Presentation of assessment instruments to evaluate client readiness for change.

(Contact hours – 22.5)

Prerequisite(s): CSL 268/2068 Addictions Counseling Skills

CWB – COMPUTER WEB BASED

CWB 1010 / CWB 110: Introduction to Web Authoring - 3 Credits

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.

ECE – EARLY CHILDHOOD EDUCATION

ECE 1011 / ECE 101: Introduction to Early Childhood Education - 3 Credits

Provides an introduction to the profession of Early Childhood Education (ECE). Course content includes eight key areas of professional knowledge related to working with young children and their families in early care and education settings: child growth and development; health, nutrition and safety; developmentally appropriate practices; guidance; family and community relationships; diversity and inclusion; professionalism; and administration and supervision. This course addresses children ages birth through 8 years.

(Contact hours – 45)

ECE 1031 / ECE 103: Guidance Strategies for Young Children - 3 Credits

Provides an exploration of guidance theories, techniques, and practices used to support young children's ability to learn and engage in prosocial interactions with peers and adults. This course covers factors that influence children's behaviors, as well as aspects of early childhood educator professionalism related to ethical and equitable guidance practice. This course addresses children ages birth through 8 years.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 1045 / ECE 102: Introduction to Early Childhood Lab Techniques - 3 Credits

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 ages birth through age 8.

(Contact hours – 60)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101 and ECE1031 / ECE 103

ECE 1088 / ECE 188: Practicum: ECE - 0 -12 Credits

Provides students with field experience in early childhood programs.

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 1111 / ECE 111: Infant and Toddler Theory and Practice - 3 Credits

Presents an overview of development and care pertinent to infant and toddler children, ages birth to three years, in early childhood settings. The course includes information on state requirements for regulating health, safety, and nutrition practices in early childhood settings, and on indicators of quality care for infants and toddlers.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 1125 / ECE 112: Intro to Infant/Toddler Lab Techniques - 3 Credits

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.

(Contact hours – 60)

Prerequisite(s) or Corequisite(s): ECE 1111 / ECE 111 and ECE 1011 / ECE 101

ECE 1571 / ECE 157: Family Dynamics - 1 Credit

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.

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 1611 / ECE 161: The Team Process - 1 Credit

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.

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2051 / ECE 205: Nutrition, Health and Safety - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2061 / ECE 209: Obs/Assess of Young Children - 1 Credit

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.

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2088 / ECE 288: Practicum: Early Childhood Education - 3 Credits

Provides students with advanced field experience opportunities in early childhood education programs.

(Contact hours – 135)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2089 / ECE 289: Capstone: Early Childhood Education - 3 Credits

Incorporates a demonstrated culmination of learning within a given program of study.
(Contact hours – 135)

Prerequisite(s) or Corequisite(s): ECE 101 / ECE 1011

ECE 2101 / ECE 256: Working with Families and Communities - 3 Credits

Examines personal and professional dispositions and strategies impacting partnerships with diverse families, including perspectives that recognize diversity and promote equity in early care and education settings. The course covers theoretical perspectives of families and communities, communication strategies, and activities used to promote family partnerships, and explores community resources to support children and their families.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2381 / ECE 238: ECE Child Growth and Development - 3 credits

Provides an overview of growth, development, and learning of young children from birth through 12 years. The course includes the major theories of development as integrated in developmental domains and offers opportunities to practice effective research and assessment methods to gather child development information. This course also includes practical applications of child development knowledge to responsive teaching practices.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2401 / ECE 240: Administration of Early Childhood Care and Education Programs - 3 Credits

Examines Colorado's licensing requirements, as well as quality standards pertaining to the operation of programs for young children. Focuses on the director's administrative skills and role as a community advocate for young children. Addresses ages birth through age 12.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2411 / ECE 241: Administration: Human Relations for Early Childhood Education - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2601 / ECE 260: The Exceptional Child - 3 Credits

Presents an overview of critical elements related to educating young children with disabilities in the early childhood setting. Topics include the following: typical and atypical development, legal requirements, research based practices related to inclusion, teaming and collaboration, 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.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101 and ECE 2381 / ECE 238

ECE 2621 / ECE 220: Curriculum Development: Methods and Techniques - 3 Credits

Explores planning and implementing effective early childhood curriculum for children, from birth through age eight years, including developmentally and culturally appropriate classroom environments, and written curriculum plans. The course also covers curricular content areas relevant to early childhood.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101 and ECE 2381 / ECE 238

ECE 2631 / ECE 225: Language and Cognition for the Young Child - 3 Credits

Examines theories of cognitive and language development as a framework for conceptualizing the way children acquire thinking skills. Includes observing, planning, facilitating, creative representation, and evaluating strategies within the context of play. Focuses on language, science, math, problem solving and logical thinking. Addresses ages birth through age 8.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2641 / ECE 226: Creativity and the Young Child - 3 Credits

Provides an emphasis on encouraging and supporting creative self expression and problem solving skills in children. Explores creative learning theories and research. Focuses on developmentally appropriate curriculum strategies in all developmental domains. Addresses ages birth through age 8.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011/ ECE 101

ECE 2651 / ECE 228: Early Language and Literacy - 3 Credits

Presents strategies for optimum language development, literacy, social and emotional development. Supports children's language and literacy in home, classroom, and community settings. Provides appropriate teacher/child verbal interactions, classroom environments, and activities. Addresses ages birth through age 8.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECE 2661 / ECE 125: Science/Math & the Young Child - 3 Credits

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.

Prerequisite(s) or Corequisite(s): ECE 1011 / ECE 101

ECO – ECONOMICS

ECO 2001 / ECO 201: Principles of Macroeconomics – GT-SS1 - 3 Credits

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. (Contact hours – 45)

ECO 2002 / ECO 202: Principles of Microeconomics- GT-SS1 - 3 Credits

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. (Contact hours – 45)

EDU – EDUCATION

EDU 1088 / EDU 188: Practicum I - 0-12 Credits

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.

EDU 1311 / EDU 131: Intro. to Adult Education - 3 Credits

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. (Contact hours – 45)

EDU 1321 / EDU 132: Plan & Deliv Instr to Adults - 3 Credits

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. (Contact hours -15)

EDU 1331 / EDU 133: Teaching ABE & ASE - 3 Credit

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.

(Contact hours – 45)

EDU 2088 / EDU 288: Practicum II - 2 Credits

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.

(Contact hours 45)

Corequisite: EDU 2211 / EDU 221

EDU 2211 / EDU 221: Introduction to Education - 3 credits

Focuses on the historical, social, political, philosophical, cultural, and economic forces that shape the United States public school system. This course includes current issues of education reform, technology as it relates to education, and considerations related to becoming a teacher in the state of Colorado. The course addresses diversity in the preschool through secondary school system.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

EDU 2221 / EDU 222: Effective Teaching - 1 Credit

Focuses on strategies for becoming effective teachers in diverse education settings within Early Childhood Education (ECE), K-12, or higher education. This course includes using learning objectives for assessment, instructional design, and lesson planning to create inclusive learning environments through the implementation of research-based best practices.

(Contact hours – 15)

EDU 2341 / EDU 234: Multicultural Education - 3 Credits

Focuses on the need to recognize and understand the similarities and differences among people and develop a respect for all individuals and groups. This course provides opportunities to recognize the learning needs of children from different racial, ethnic, cultural, and socioeconomic groups and to encourage teachers to integrate multicultural and diversity teaching strategies into the school curriculum.

(Contact hours – 45)

EDU 2401 / EDU 240: Teaching the Exceptional Learner - 3 Credits

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. (Contact hours – 45)

Prerequisite(s): PSY 2441 / PSY 238

EDU 2501 / EDU 250: CTE in Colorado -1 Credit (for CTE Credentialing only)

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. (Contact hours – 15)

EDU 2601 / EDU 260: Adult Learning & Teaching - 3 Credits (for CTE Credentialing only)

Examines the philosophy of community colleges and/or secondary schools and the roles and responsibilities of the faculty member within the college/school community. Introduces basic instructional theories and applications, with particular emphasis on adult learners. Includes syllabus development, learning goals and outcomes, and lesson plans. Emphasizes teaching to a diverse student body, classroom management, assessment and instructional technology. (Contact hours – 45)

EDU 2611 / EDU 261: Teaching, Learning and Technology - 3 Credits

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. (Contact hours 45)

****** Additional courses available through Colorado Online @ ******

EGG – ENGINEERING

EGG 1030 / EGG 106: Robotics Design - 1 Credit

Focuses on the process of building an autonomous robot from the initial design to final evaluation. Includes design and building of the mechanical structure, electrical system as well as programming and integration of all systems to produce a fully functional autonomous robot capable of performing a series of proscribed tasks. Culminates with a detailed evaluation of both the robot and its performance. (Contact hours – 45)

EGG 1040 / EGG 140: Engineering Projects - 3 Credits

Teaches how to engage community stakeholders and use traditional research practices to identify, define, articulate, and design technical solutions to open-ended problems. The course utilizes teamwork on a semester-long iterative design project.

(Contact hours – 45)

Prerequisite(s): MAT 1340 or higher

EMS – EMERGENCY MEDICAL SERVICES**EMS 1021 / EMS 121: EMT Fundamentals - 3 Credits**

Introduces the Emergency Medical Technician (EMT) student to prehospital emergency care. The topics included in this course are Emergency Medical Services (EMS) systems, well-being of the EMT, communications, documentation, anatomy, airway management and patient assessment.

(Contact hours – 45)

EMS 1022 / EMS 122: EMT Medical Emergencies - 4 Credits

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to effectively provide emergency care and transportation to a patient experiencing a medical emergency. This course focuses on the integration of the physical exam, medical history, and pathophysiology when assessing and treating the medical patient.

(Contact hours – 60)

Prerequisite(s) or Corequisite(s): EMS 1021 / EMS 121

EMS 1023 / EMS 123: EMT Trauma Emergencies - 2 Credits

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills to provide appropriate emergency care and transportation of a patient who has suffered a traumatic injury. The concepts of kinematics and the biomechanics of trauma, along with pathophysiology and injury patterns will provide the student with the ability to assess and manage the trauma patient.

(Contact hours – 30)

Prerequisite(s) or Corequisite(s): EMS 1022 / EMS 122

EMS 1024 / EMS 124: EMT Special Considerations - 2 Credits

Provides the Emergency Medical Technician (EMT) student with the knowledge and skills required to modify the assessment, treatment, and transportation of special patient populations and patients in special circumstances. This course also provides an overview of incident command, mass casualty incidents, vehicle extrication, air medical support, hazardous material, and terrorism.

(Contact hours – 30)

Prerequisite(s) or Corequisite(s): EMS 1021 / EMS 121

EMS 1026 / EMS 126: EMT Basic Refresher - 2 Credits

Provides the student with a refresher course designed to meet the recertification requirements for the State of Colorado and/or a portion of the recertification requirements for National Registry.

Prerequisite(s) or Corequisite(s): EMS 1021 / EMS 121

EMS 1070 / EMS 170: EMS 1070 – EMT Basic Clinical - 1 Credit

Provides the EMT student with the clinical experience required of initial and some renewal processes.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): EMS 1021 / EMS 121

EMS 1071 / EMS 171: AEMT Clinical Internship - 2 Credits

Builds on the Advanced Emergency Medical Technician (AEMT) student's fundamental knowledge of patient care in the clinical and field setting. The student will perform patient assessments through physical examination, and patient interviews of health history and current illness. The student will then use those assessment findings to develop and carry out a patient treatment plan. This will include pediatric, geriatric and adult patients with a variety of presentations. The student will also survey each field scene for safety considerations and scene management.

(Contact hours – 90)

Prerequisite(s) or Corequisite(s): EMS 1125 / EMS 131

EMS 1125 / EMS 131: AEMT Fundamentals - 2 Credits

Provides the Advanced Emergency Medical Technician (AEMT) student with instruction in EMS systems, communications and documentation, pathophysiology, airway management, and the role of EMS in public health.

(Contact hours – 30)

Prerequisite(s): College Readiness in English

EMS 1127 / EMS 127: AEMT Special Considerations - 2 Credits

Introduces the Advanced Emergency Medical Technician (AEMT) student to the fundamental knowledge of growth, development and aging considerations in the emergency patient. The student will learn to use assessment findings to provide basic and selected advanced emergency care and transportation for a patient with special needs. These include the obstetric patient, neonatal patient, pediatric patient, geriatric patient, and patients with special challenges. Learners will apply this knowledge to patient assessment and the development of a treatment plan in a simulated setting. This course also provides an overview of the principles of safe ground ambulance operations, incident management, multiple casualty incidents, air medical responses, vehicle extrication, hazardous material awareness and terrorism and disaster response. Learners will apply critical thinking skills to ensuring the safety of a scene and a plan for safe patient care and transportation.

(Contact hours - 30)

Prerequisite(s) or Corequisite(s): EMS 1125/ EMS 131

EMS 1129 / EMS 129: AEMT Pharmacology - 1 Credit

Provides the Advanced Emergency Medical Technician (AEMT) student with a basis for making clinical decisions in the pharmacologic management of patients commonly encountered in the pre-hospital setting. Topics include the legal and ethical aspects of pharmacotherapy, roles, responsibilities and techniques associated with medication preparation and administration, the classification and naming of medications, pharmacokinetics, pharmacodynamics and medication calculations. In addition the mechanism of action, dose, route(s) of administration, therapeutic effects, adverse effects, and therapeutic indications for medications within the Advanced Emergency Medical Technician scope of practice are discussed in detail.

(Contact hours – 15)

Prerequisite(s) or Corequisite(s): EMS 1125 / EMS 131

EMS 1132: AEMT IV/IO Therapy - 2 Credits

Focuses on the cognitive and skill practice for the Colorado scope of practice for the IV/IO endorsement as outlined in the Intravenous/Intraosseous Therapy and Medication administration course curriculum.

(Contact hours – 37.5)

EMS 1133 / EMS 133: AEMT Medical Emergencies - 2 Credits

Introduces the Advanced Emergency Medical Technician (AEMT) student to a fundamental knowledge of emergency care for the medical patient. This course provides instruction in the integration of physical exam findings, history findings, and pathophysiology when assessing and treating the medical patient. Topics addressed include neurology, immunology, infectious diseases, endocrine disorders, cardiovascular disorders, toxicology, respiratory emergencies, hematology, and renal disorders.

(Contact hours – 30)

Prerequisite(s) or Corequisite(s): EMS 1125 / EMS 131

EMS 1135 / EMS 135: AEMT Trauma Emergencies - 2 Credits

Introduces the Advanced Emergency Medical Technician (AEMT) student to a fundamental knowledge of emergency care for the trauma patient. The student will learn how to utilize assessment findings to provide basic and selected advanced emergency care and transportation for the trauma patient.

(Contact hours – 30)

Prerequisite(s) or Corequisite(s): EMS 1125 / EMS 131

ENG – ENGLISH**ENG 0090: Composition and Reading - 3 Credits**

Integrates and contextualizes college-level reading and writing.

(Contact hours – 45)

ENG 0094: Studio 1021 - 3 Credits

Integrates and contextualizes reading and writing strategies tailored to co-requisite ENG 1021 coursework.

(Contact hours – 45)

ENG 1015 / ENG 115: Technical English and Communication - 3 Credits

Focuses on the written and oral communication needs of students in vocational and technical fields. Enables the student to practice written, oral, reading, reasoning, and interpersonal communication skills to become (or remain successful) successful in the workplace.

(Contact hours – 45)

ENG 1021 / ENG 121: English Composition I: GT-CO1- 3 Credits

Emphasizes the planning, writing, and revising of compositions, including the development of critical and logical thinking skills. This course includes a wide variety of compositions that stress analytical, evaluative, and persuasive/argumentative writing. This is a statewide Guaranteed Transfer course in the GT-CO1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English as determined by multiple measures

ENG 1022 / ENG 122: English Composition II: GT-CO2 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-CO2 category.

(Contact hours – 45)

Prerequisite(s): ENG 1021 / ENG 121 or ENG 1031 / ENG 131

ENG 1031 / ENG 131: Technical Writing I: GT-CO1- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-CO1 category.

(Contact hours- 45)

Prerequisite(s): College Readiness in English as determined by multiple measures

ENG 2021 / ENG 221: Creative Writing I: GT-AH1 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

(Contact hours – 45)

ENG 2022 / ENG 222: Creative Writing II - 3 Credits

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. This course is a creative writing workshop centered around producing and critiquing creative work. (Contact hours – 45)

****** Additional courses available through Colorado Online @ ******

ENV – ENVIRONMENTAL SCIENCE

ENV 1010: Natural Disasters: SC2 – 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC2 category. (Contact hours – 45)

ENV 1111 / ENV 101: Environmental Science with Lab: GT-SC1 - 4 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 75)

Prerequisite(s): College Readiness in English and College Readiness in Quantitative Literacy Math

****** Additional courses available through Colorado Online @ ******

EST – ESTHETICS

EST 1010 / EST 110: Introduction to Skin Care - 3 Credits

This course covers the study of skin in both theory and practical applications for skin care professionals. Topics included in the course are: skin structure and function, massage manipulations while providing facials and the benefits derived from a proper facial, and good skin care routines. Training is conducted in a classroom or lab setting using manikins or models.

(Contact hours – 60)

EST 1011 / EST 111: Intermediate Skin Care - 2 Credits

This course covers skin care and practical application pertaining to anatomy, skin disorders, skin types and facial shapes. Students will help patrons to select the proper skin care treatment(s). Practical and theory application can be done in specialized classes or supervised

salon setting using models or customer service.
(Contact hours – 45)

EST 2010 / EST 210: Advanced Skin Care - 2 Credits

This course covers advanced techniques for massage, skin care, and lash/brow tinting. Theory and practical procedures ready the student for employment and preparation for State Board Licensing Examination. Instruction is provided in specialized classes or in a supervised salon setting.
(Contact hours – 45)

EST 2011 / EST 211: Make-up for Skin Care Professionals - 1 Credit

This course covers cosmetics and their functions for the skin care professional, including the importance of color theory, facial types and skin tones as they relate to facial makeup. Topics in this course include: Instruction from the basic makeup application, corrective makeup procedures, and disinfection and sanitation pertaining to all aspects of makeup.
(Contact hours – 22.5)

EST 2012 / EST 212: Hair Removal - 3 Credits

This course covers 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.
(Contact hours – 60)

EST 2090 / EST 290: Professional Development/Continuing Education - 0-12 Credits

Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

FRE – FRENCH

FRE 1011 / FRE 111: French Language I - 5 Credits

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.
(Contact hours – 75)

FRE 1012 / FRE 112: French Language II - 5 Credits

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.

Contact hours – 75)

Prerequisite(s): FRE 1011 / FRE 111

FRE 2011 / FRE 211: French Language III: AH4 - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): FRE 1012 / FRE 112

FRE 2012 / FRE 212: French Language IV: AH4 - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s) or Corequisite(s): FRE 2011/ FRE 211

GEO – GEOGRAPHY**GEO 1005 / GEO 105: World Regional Geography: GT-SS2 - 3 Credits**

Examines the spatial distribution of environmental and societal phenomena in the world's regions. Environmental phenomena includes topography, climate, and natural resources. Societal phenomena includes patterns of population and settlement, religion, ethnicity, language, and economic development. This course also analyzes the characteristics that define world regions and distinguishes them from each other. This course examines the relationships between physical environments and human societies, and examines globalization, emphasizing the geopolitical and economic relationships between more developed and less developed regions. This is a statewide Guaranteed Transfer course in the GT-SS2 category.

(Contact hours – 45)

GEO 1006 / GEO 106: Human Geography- GT-SS2 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SS2 category.

(Contact hours – 45)

GER – GERMAN**GER 1011 / GER 111: German Language I - 5 Credits**

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.
(Contact hours – 75)

GEY – GEOLOGY

GEY 1111 / GEY 111: Physical Geology w/Lab: GT-SC1 - 4 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
(Contact hours – 75)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

GEY 1112 / GEY 112: Historical Geology w/Lab: GT-SC1 - 4 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
(Contact hours – 75)

Prerequisite(s): GEY 1111 College Readiness in English and Quantitative Literacy Math

GEY 1155 / GEY 216: General Oceanography with Lab: GT-SC1 - 4 Credits

Provides an introduction to modern geological and physical oceanography, with lesser emphasis on chemical and biological oceanography. Plate tectonics, seafloor geomorphology, marine sediments, coasts, physical and chemical properties of seawater, marine resources, environmental concerns, and water movement in currents, waves, and tides are among the topics covered. This course includes laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.
(Contact hours – 75)

Prerequisite(s): College Readiness in English and Quantitative Literacy Math

HIS – HISTORY

HIS 1110 / HIS 111: The World: Antiquity – 1500: GT-HI1 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-HI1 category.
(Contact hours – 45)

Prerequisite(s): College Readiness in English

HIS 1120 / HIS 112: The World: 1500 – Present: GT-HI1 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

HIS 1210 / HIS 121: US History to Reconstruction: GT-HI1 - 3 Credits

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 as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

HIS 1220 / HIS 122: US History since Civil War: GT-HI1 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

HIS 1310 / HIS 101: Western Civilization: Antiquity-1650: GT-HI1 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

HIS 1320 / HIS 102: Western Civilization: 1650-Present: GT-HI1 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

HIS 2135 / HIS 225: Colorado History: GT-HI1 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

HIS 2200 / HIS 244: History of Latin America: GT-HI1 - 3 Credit

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. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

**** Additional courses available through Colorado Online @ ****

HLT – HORTICULTURE

HLT 1000 / HLT 100: Horticulture Science - 4 Credits

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.

HLT 1101 / HLT 101: Introduction to Horticulture - 4 Credits

Introduces the biology of horticultural plants, and basic horticultural practices.

HLT 1060 / HLT 160: Greenhouse Management - 4 Credits

Covers greenhouse design, systems, management, and the major greenhouse crops and their cultural needs.

(Contact hours – 90)

HLT 2008 / HLT 208: Pesticide Safety and Use - 3 Credits

Familiarizes students with the safe handling of pesticides used in horticulture and the laws and regulations that govern all facets of pesticide use in Colorado. Can be used as preparation for completing the Colorado Department of Agriculture's pesticide licensure exams

HLT 2102 / HLT 202: Plant Healthcare - 4 Credits

Introduces the fundamental concepts of integrated pest management and plant health care. Teaches students to diagnose pest and disease problems and formulate site-specific prevention and control strategies.

(Contact hours – 90)

HLT 2140 / HLT 240: Introductory Soil Science - 4 credits

Discusses the formation, physical properties, chemical properties and management of soils emphasizing conditions that affect plant growth. The principles of soil fertility and practice of fertilizer use is also discussed.

HLT 2160 / HLT 260: Plant Propagation - 4 credits

Teaches seed and vegetative plant propagation techniques, the biology underlying modern plant propagation practices, and their application in commercial plant production.

HLT 2080 / HLT 280: Internship - 0-12 Credits

Provides students with the opportunity to supplement course work 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/coordinator.

HPE – HUMAN PERFORMANCE & EXERCISE**HPE 1001 / HPE 101: Introduction to Coaching - 2 Credits**

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.

(Contact hours -30)

HPE 1024 / HPE 124: Sports Officiating - 2 Credits

Provides knowledge on basic fundamentals for all officials – how to deal with crowds and knowing the state organizations and their purposes.

HPR – HEALTH PROFESSIONAL**HPR 1010 / HPR 108: Dietary Nutrition - 1 Credit**

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.
(Contact hours – 15)

HPR 1011 / HPR 102: CPR for Professionals - 0.5 Credits

Meets the requirements for American Red Cross Professional Rescuer CPR or American Heart Association Basic Life Support for those who work in Emergency Services, Health Care and other professional areas. Material presented in this course is basic patient assessment, basic airway management, rescue breathing, AED use and CPR for infant, children and adult patients.
(Contact hours – 7.5)

HPR 1038 / HRP 138: Introduction to Medical Terminology - 1 Credit (replaced HRP 178)

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.
(Contact hours – 15)

HPR 1039 / HPR 139: Medical Terminology – 2 Credits (replaced HRP 178)

Discusses the structure of medical terms with emphasis on using and combining prefixes, roots, and suffixes. This class includes terms related to major body systems, oncology, and psychiatry, as well as clinical laboratory and diagnostic procedures and imaging, and provides accepted pronunciation and spelling of terms used in the healthcare setting.
(Contact hours – 30)

HPR 1040 / HPR 140: Comprehensive Medical Terminology - 3 Credits (replaced HRP 178)

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.
(Contact hours – 45)

HPR 1080 / HPR 180: Internship - 0-12 Credits

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.

HPR 2011 / HPR 120: ACLS - 1 credit

Presents the required material for ACLS completion. It will cover arrhythmias, medications, and therapeutic modalities for life threatening arrhythmias, airway management, and other treatment modalities used in cardiac and respiratory arrest.
(Contact hours – 15)

HUM – HUMANITIES

HUM 1003 / HUM 103: Introduction to Film Art: AH2 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

(Contact hours – 45)

HUM 1015 / HUM 115: World Mythology: GT-AH2 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

(Contact hours – 45)

HUM 1020 / HUM 220: History of Rock and Roll - 3 Credits

Teaches students to read about, write about, and discuss the social history of that very broad term, “rock and roll”. We explore important themes in American (and British) social and cultural history through the study of popular music, as well as to examine how popular and critical tastes are reflections of artistic, cultural, sexual, economic and ideological sensibilities at the time of its production. In order to fully understand what the culture of rock is all about, we critically analyze the influence of technology, ideology, class, gender, and race on various genres of music, jazz, country, rhythm and blues, techno, heavy metal, and hip hop. We also examine how rock and roll influenced (and is influenced by) other arts, particularly literature and film. Emphasis is placed on understanding the social and cultural contexts of the various music forms rather than on a rigorous understanding of the musical forms themselves.

(Contact hours – 45)

HUM 1021 / HUM 121: Humanities: Early Civilizations: GT-AH2 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

(Contact hours – 45)

HUM 1022 / HUM 122: Humanities: Medieval to Modern: GT-AH2 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

(Contact hours – 45)

HUM 1023 / HUM 123: Humanities: Modern World: GT-AH2 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

(Contact hours – 45)

HUM 1063 / HUM 163: Film Criticism - 3 Credits

Considers different approaches to film criticism, including the journalist, humanist, auteurist, genre, social science, historical, and ideological/theoretical approaches. Students will view and analyze films applying each of the critical approaches through class discussion and other assignments.

(Contact hours – 45)

HWE – HEALTH AND WELLNESS**HWE 1050 / HWE 100: Human Nutrition - 3 Credits**

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.

(Contact hours – 45)

HWE 1001 / HWE 103: Community First Aid and CPR - 1 credit

Prepares the student for certification in CPR and Basic First Aid. Skills will include basic life support, airway obstruction, control of bleeding, shock, and patient care for the unconscious.

(Contact hours – 15)

HWE 1062 / HWE 111: Health and Wellness - 3 Credits

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 a wellness program for a healthier lifestyle across a lifespan.

(Contact hours – 45)

LEA – LAW ENFORCEMENT ACADEMY**LEA 1001 / LEA 101: Basic Police Academy I - 6 Credits**

Conforms to POST standards and Colorado state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a peace officer.

Emphasis will be on simulating actual situations utilizing a lecture and laboratory mode of learning.

(Contact hours – 97.5)

Prerequisite(s): Permission of Academy Director

LEA 1002 / LEA 102: Basic Police Academy II- 12 Credits

Conforms to POST standards and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a peace officer. Emphasis will be on simulating actual situations utilizing a lecture and laboratory mode of learning.

(Contact hours – 187.5)

Prerequisite(s): Permission of Academy Director

LEA 1003 / LEA 103: Basic Law Enforcement Academy III- 2 Credits

Enhances the standards established by the Colorado P.O.S.T. Board and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a Police Officer. Emphasis will be on expanding the Colorado P.O.S.T. curriculum to create a unique learning experience.

(Contact hours – 30)

Pre-requisite: Permission of Academy Director

LEA 1004 / LEA 104: Basic Law Enforcement Acad. IV- 1 Credit

Enhances the standards established by the Colorado P.O.S.T. Board and state certification requirements as well as the basic skills and knowledge necessary to perform entry level duties of a Police Officer. Emphasis will be on expanding the Colorado P.O.S.T. curriculum to create a unique learning experience.

(Contact hours – 15)

Pre-requisite: Permission of Academy Director

LEA 1005 / LEA 105: Basic Law- 8 Credits

Conforms to the Colorado POST standards and state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a peace officer.

Emphasis will be on United States Constitution, arrest, search and seizure, interrogation and confessions, rules of evidence, Colorado Criminal Code, Colorado Traffic Code, Colorado Children's Code, Liquor Code and controlled substances.

(Contact hours – 120)

Prerequisite(s): Permission of Academy Director

LEA 1006 / LEA 106: Arrest Control Techniques- 3 Credits

Exploration of the skills, knowledge and abilities necessary to effectively maintain control of a suspect when making an arrest. Explains the continuum of force and de-escalation of force.

(Contact hours – 45)

Prerequisite(s): Permission of Academy Director

LEA 1007 / LEA 107: Law Enforcement Driving- 3 Credits

Exploration of the skills, knowledge and abilities required for operation of a law enforcement vehicle. Emphasizes defensive driving. Enables students to demonstrate skills by driving a vehicle under simulated conditions.

(Contact hours – 45)

Prerequisite(s): Permission of Academy Director

LEA 1008/ LEA 108: Firearms- 3 Credits

Discusses the skills, knowledge and abilities necessary to safely use police firearms. Students will demonstrate skills by firing weapons on a firing range. The student will demonstrate basic safety techniques and will explain the firearms role within the continuum of force.

(Contact hours – 45)

Prerequisite(s): Permission of Academy Director.

LEA 1009 / LEA 109: Culture & Conflict Resolution- 2 Credits

Explores the role culture plays in dispute resolution and ways that gender, race, ethnicity, national origin, age, religion, sexual orientation and language influence conflict resolution.

(Contact hours – 30)

LEA 1010 / LEA 110 – Career Management- 1 Credit

Introduces the law enforcement candidate to the proper performance standards and best habits and practices necessary to secure and maintain employment as a peace officer.

(Contact hours – 15)

Prerequisite(s): Permission of Academy Director

LEA 1011 / LEA 111: Law Enforcement Defensive Weapons- 1 Credit

Introduces the law enforcement candidate to the legal and tactical use of defensive weapon systems to include Oleoresin Capsicum (OC) pepper defensive spray and TASER use in law enforcement defensive tactics applications.

(Contact hours – 22.5)

Prerequisite(s): Permission of Academy Director

LIT – LITERATURE**LIT 1015 / LIT 115: – Introduction to Literature I – GT-AH2- 3 Credits**

Introduces fiction, poetry, and drama. This course emphasizes active and responsive reading. This is a statewide Guaranteed Transfer course in the GT-AH2 category.

(Contact hours – 45)

LIT 2001 / LIT 201: World Literature to 1600: GT-AH2- 3 Credits

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.

This is a statewide Guaranteed Transfer course in the GT-AH2 category.
(Contact hours – 45)

LIT 2002 / LIT 202: World Literature After 1600- GT-AH2- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
(Contact hours – 45)

LIT 2005 / LIT 205: Race, Ethnicity, and Culture in U.S. Literature: GT-AH2- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
(Contact hours – 45)

LIT 2011 / LIT 211: American Literature to Civil War: GT-AH2- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
(Contact hours – 45)

LIT 2012 / LIT 212: American Literature After the Civil War: GT-AH2- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
(Contact hours – 45)

LIT 2021 / LIT 221: British Literature to 1770: GT-AH2- 3 Credits

Examines major works of British literature from the Anglo-Saxon period through the 17th century. Explores the historical, political, and social contexts of the works as well as the major themes which reflect and/or critique the social assumptions and values of the times. Besides fostering an understanding of works essential to western culture, the course will examine 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.
(Contact hours – 45)

LIT 2022 / LIT 222: British Literature Since 1770:GT-AH2- 3 Credits

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.
(Contact hours – 45)

LIT 2025 / LIT 225: Intro to Shakespeare: GT-AH2 - 3 credits

Explores works by William Shakespeare, focusing on a careful reading of these works as well as an exploration of pertinent contextual and historical information. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
(Contact hours – 45)

LIT 2030 / LIT 230: Comics and Graphic Novels - 3 Credits

Introduces visual literature in the form of the Graphic Novel or Comic Art. Diverse theoretical approaches will be used to evaluate and analyze texts.
(Contact hours – 45)

LIT 2046 / LIT 246 – Literature of Women: GT-AH2- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
(Contact hours – 45)

LIT 2055 / LIT 255: Children`s Literature: GT-AH2- 3 Credits

Examines the criteria for selecting appropriate literature for children. Explores literature through a variety of genres, age levels, values taught through literature, and literary and artistic qualities of various texts. This is a statewide Guaranteed Transfer course in the GT-AH2 category.
(Contact hours – 45)

LIT 2088 / LIT 288: Practicum: 1-12 Credits

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.

**** Additional course offerings through Colorado Online @ ****

MAN – MANAGEMENT

MAN 1016 / MAN 116: Principles of Supervision - 3 Credits

Defines supervision, examines the functions of a supervisor, explains the necessary skills for successful supervision, relates supervision with human resources, and discusses supervisory challenges.

MAN 1017 / MAN 117: Time Management - 1 Credit

Provides a clear sense of purpose for the following: structured goals, overcome barriers, leverage practical strategies, tools, and techniques to develop and implement an effective time management framework.

(Contact hours – 15)

MAN 1028 / MAN 128: Human Relations in Organizations - 3 Credits

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.

(Contact hours – 45)

MAN 1060 / MAN 160: Entrepreneurship - 3 Credits

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.

MAN 2000 / MAN 200: Human Resource Management I - 3 Credits

Provides an overview of the contemporary issues, theories, and principles used to effectively manage human resources. Topics covered include job analysis and design, talent acquisition and retention, planning and recruiting human resources, selecting employees, job placement, employee training and performance management, selecting employees, compensation and benefits, and retaining employees.

(Contact hours – 45)

MAN 2012 / MAN 212: Negotiation/Conflict Resolution - 3 Credits

Presents proper techniques in negotiation and conflict resolution. Explore the important practices that determine successful negotiation in business. Other key elements discussed are: principles of conflict resolution including business policies, accepted business contracts, labor union contracts, pay raises, and starting salaries.

(Contact hours – 45)

MAN 2016 / MAN 216: Small Business Management - 3 Credits

Examines the elements necessary for the successful formation of a new small business and to enhance the skills of those already involved in the operation of a small business. This course includes the development of a complete small business plan.

(Contact hours – 45)

MAN 2024 / MAN 224: Leadership- 3 Credits

Focuses on the leadership skills for contemporary organizations. Covers development and communication a shared vision to motivate and empower employees to manage conflict, to

negotiate, and to develop teams.
(Contact hours – 45)

MAN 2025 / MAN 225: Managerial Finance - 3 Credits

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.
(Contact hours – 45)

MAN 2026 / MAN 226: Principles of Management - 3 Credits

Provides an overview of the principles of management. Emphasis is on the primary functions of planning, organizing, staffing, leading and controlling with a balance between the behavioral and operational approaches.
(Contact hours – 45)

MAN 2030 / MAN 230: Corporate Ethics & Social Resp- 3 Credits

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.
(Contact hours – 45)

MAN 2040 / MAN 240: Strategic Management- 3 Credits

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.
(Contact hours – 45)

MAN 2041 / MAN 241: Project Management in Organizations-3 Credits

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.
(Contact hours – 45)

MAN 2043 / MAN 243: Project Management in Action- 3 Credits

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.

(Contact hours – 45)

MAN 2046 / MAR 246: Crit Issues-Marketing/Mgmt- 3 Credits

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.

(Contact hours – 45)

MAN 2087 / MAR 287: Cooperative Education/Intern - 1-12 Credits

Provides students with the opportunity to supplement course work with practical work experience related to their educational program and occupational objectives. Students are placed at approved work stations which are related to their program of study. They work under the immediate supervision of experienced personnel at the business location and with the direct guidance of the instructor/coordinator.

MAR – MARKETING

MAR 1006 / MAR 106: Marketing Your Image- 3 Credits

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.

(Contact hours – 45)

MAR 1011/ MAT 111: Principles of Sales- 3 Credits

Addresses ethical sales techniques, the role of selling, and the marketing process. Areas of emphasis include behavioral considerations in the buying and selling process and sales techniques.

(Contact hours – 45)

MAR 1017 / MAR 117: Principles of Retailing- 3 Credits

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.

(Contact hours – 45)

MAR 1055 / MAR 155: Social Media for Marketing in Business- 3 Credits

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.

(Contact hours – 45)

MAR 1060 / MAR 160: Customer Service - 3 Credits

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.

(Contact hours – 45)

MAR 2016 / MAR 216: Principles of Marketing - 3 Credits

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.

(Contact hours – 45)

MAR 2020 / MAR 220: Principles of Advertising -3 Credits

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.

(Contact hours – 45)

MAR 2035 / MAR 235: Consumer Behavior - 3 Credits

Explores the variables that affect consumer behavior in the marketplace and the implications of this knowledge for marketing decisions and strategies.

(Contact hours – 45)

**** Additional courses available through Colorado Online @ ****

MAT – MATHEMATICS**MAT 0020 / MAT 092: Quantitative Lab- 1 Credit**

Supports skill development for students registered in Math for Liberal Arts, Introduction to Statistics, or Integrated Math. Topics covered in this course include those defined in these courses and/or any prerequisite skills needed by the student. Students with NGAccuplacer scores QAS 230-239 or TradAccuplacer scores EA 80-84, who are advised into MAT 1240 / MAT 120, MAT 1260 / MAT 135, or MAT 1220 / MAT 155 are required to co-enroll in this course.

(Contact hours – 22.5)

MAT 0030 / MAT 093: Algebra Lab- 1 Credit

Supports skill development in students registered in MAT 1340 / MAT 121 College Algebra or MAT 1320 / MAT 123 Finite Math. Topics covered in this course include those defined in MAT 1340/1320 MAT 121/123 and/or any prerequisite skills needed by the student. Students with NGAccuplacer AAF scores 235 to 244 who are advised into MAT 1340/MAT 121 or MAT 1320/ MAT 123 are required to co-enroll in this course.

(Contact hours – 22.5)

MAT 0200 / MAT 025: Algebraic Literacy Support- 1 Credit

Supports skill development in students registered in MAT 0300 / MAT 055 Algebraic Literacy. Topics covered in this course include those defined in MAT 0300 / MAT 055 and/or any prerequisite skills needed by the student.

(Contact hours – 15)

Corequisite: MAT 0300 / MAT 055

MAT 0250/ MAT 050: Quantitative Literacy - 4 Credits

Develops number sense and critical thinking strategies, introduces algebraic thinking, and connects mathematics to real world applications. Topics in this course include ratios, proportions, percent, measurement, linear relationships, properties of exponents, and math learning strategies. This course prepares students for math for liberal arts, statistics, integrated math, and college level career math courses.

(Contact hours – 60)

MAT 0300 / MAT 055: Algebraic Literacy- 4 Credits

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, systems of linear equations in two variables, related applications, and linear inequalities. This course prepares students for MAT 1340 / MAT 121 College Algebra and MAT 1320 / MAT 123 Finite Math.

(Contact hours – 60)

MAT 0340: College Algebra Support- 2 Credits

Supports skill development necessary for success within College Algebra.

MAT 0710 / MAT 080: Special Topics - 0-12 Credits

(Contact hours – 15)

MAT 0711 / MAT 081: Special Topics - 0-12 Credits

(Contact hours – 15)

MAT 0715 / MAT 085: Special Topics - 0-12 Credits

(Contact hours – 15)

MAT 1100 / MAT 102: Skilled Trades & Industrial Math- 2 Credits

Provides a review of general mathematics, introductory algebra, systems of measurements, and methods of solving problems related to skilled trades and general industrial repair. It is designed for students in the repair industry. Topics may include algebra, geometry, graphs, measurement, and conversion between various systems of measurement.

(Contact hours – 30)

Prerequisite(s): College Readiness in Career Math

MAT 1120 / MAT 103: Math for Clinical Calculations - 3 Credits

Covers the mathematical calculations needed for enteral and parenteral medication administration. It is designed for students in the health disciplines. Topics include measurements, conversion between various systems of measurements, and methods of solving problems related to drug dosage and medication administration.

(Contact hours – 45)

Prerequisite(s): College Readiness in Career Math

MAT 1140 / MAT 107: Career Math - 3 Credits

Covers material designed for career and technical students who need to study particular mathematical topics. Topics include measurement, algebra, geometry, statistics, and graphs. These are presented at an introductory level and the emphasis is on applications.

(Contact hours – 45)

Prerequisite(s): College Readiness in Career Math

MAT 1160 / MAT 112: Financial Mathematics- 3 Credits

Covers the fundamentals of financial mathematics. Topics include pricing, taxes, insurance, interest, annuities, amortization, and investments.

(Contact hours – 45)

Prerequisite(s): College Readiness in Career Math

MAT 1220 / MAT 155: Integrated Math I: GT-MA1- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in Quantitative Literacy Math

MAT 1230 / MAT 156: Integrated Math II: MA1- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in Quantitative Literacy Math

MAT 1240 / MAT 120: Math for Liberal Arts: GT-MA1- 4 Credits

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. This is a statewide Guaranteed Transfer

course in the GT-MA1 category.

(Contact hours – 60)

Prerequisite(s): College Readiness in Quantitative Literacy Math

MAT 1260 / MAT 135: Introduction to Statistics: GT-MA1- 3 Credits

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.

This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in Quantitative Literacy Math

MAT 1320 / MAT 123: Finite Mathematics: GT-MA1- 4 Credits

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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 60)

Prerequisite(s): College Readiness in Algebra

MAT 1340 / MAT 121: College Algebra: GT-MA1- 4 Credits

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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 60)

Prerequisite(s): MAT 0300 / MAT 055 or appropriate placement scores

MAT 1400 / MAT 125: Survey of Calculus: GT-MA1- 4 Credits

Includes derivatives, integrals, and their applications, with attention restricted to algebraic, exponential, and logarithmic functions for business, life science and/or social science majors. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 60)

Prerequisite(s): MAT 1340 / MAT 121 or equivalent or appropriate placement score

MAT 1420 / MAT 122: College Trigonometry – GT-MA1- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-MA1

category.

(Contact hours – 45)

Prerequisite(s): MAT 1340 / MAT 121

MAT 1440 / MAT 166: Pre-Calculus: GT-MA1- 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 75)

Prerequisite(s): MAT 1340 / MAT 121

MAT 2410 / MAT 201: Calculus I: GT-MA1- 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 75)

Prerequisite(s): MAT 1340/ MAT 121 or appropriate placement score

MAT 2420 / MAT 202: Calculus II: GT-MA1- 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 75)

Prerequisite(s): MAT 2410 / MAT 201

MAT 2430 / MAT 203: Calculus III: GT-MA1- 4 Credits

Focuses on the traditional subject matter of multivariable Calculus. Topics include vectors, vector-valued functions, partial derivatives, analytic geometry, multiple integrals, line integrals and applications. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

(Contact hours – 60)

Prerequisite(s): MAT 2420/ MAT 202

MAT 2500 / MAT 220: Introduction to Proof and Reasoning - 3 Credits

Introduces logic, mathematical writing, and formal mathematical proofs. This course includes techniques of proofs, quantifiers, sets, functions, and relations.

(Contact hours – 45)

Pre-requisite: MAT 2420 / MAT 202

MAT 2540/ MAT 255: Linear Algebra -3 Credits

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.

(Contact hours – 45)

Prerequisite(s): MAT 2420 / MAT 202

MAT 2560/ MAT 265: Differential Equations: GT-MA1- 3 Credits

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.

(Contact hours 45)

Prerequisite(s): MAT 2420/ MAT 202

MAT 2562 / MAT 266: Differential Equations with Linear Algebra -4 Credits

Explores ordinary differential equations with an introduction to select topics in linear algebra. The course covers first and second order differential equations, series solutions, Laplace transforms, linear algebra, eigenvalues, first order systems of equations, and numerical techniques for solving differential equations.

(Contact hours – 60)

Pre-requisite: MAT 2420/MAT 202

****** Additional courses available through Colorado Online @ ******

MGD – MULTIMEDIA GRAPHIC DESIGN

MGD 1002 / MGD 102: Introduction To Multimedia – 3 Credits

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. (Contact hours – 45)

MGD 1011 / MGD 111: Adobe Photoshop 1 – 3 Credits

Places the mass media in a technological, historical, and cultural perspective, considering the validity, integrity, and influence of the evolving media in a democracy. This course is a Statewide Guaranteed Transfer course in the GT-SS3 category.

MGD 1012 / MGD 112: Adobe Illustrator I – 3 Credits

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.

(Contact hours – 45)

MGD 1013 / MGD 114: Adobe InDesign – 3 Credits

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 supplement hands-on classroom work. (Contact hours – 45)

MGD 1041 / MGD 141: Web Design I – 3 Credits

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.

(Contact hours – 45)

MGD 1043 / MGD 143: Motion Graphic Design I: (Software)- 3 Credits

Explores the creation of animation and dynamic media for web and multimedia applications, conforming to professional standards. Emphasizes the manipulation of time-based media using key-frames, tweens and other technologies related to the specific software being utilized. Also examines the use of scripts to trigger timeline events and create basic interactive behavior. (Contact hours – 45)

MLS – MEDICAL LABORATORY SCIENCE**MLS 3130: Clinical Immunology & Virology – 3 Credits**

Discusses theory, application, and evaluation of laboratory methodologies in the clinical immunology laboratory. This course emphasizes infectious disease serology and virology and includes principles of assessment of immunologically related disorders.

(Contact hours – 45)

MLS 3160: Advanced Molecular Biology for the Clinical Lab – 3 Credits

Covers theory, application, and evaluation of various molecular methods including polymerase chain reaction, reverse transcription, fluorescence in situ hybridization, and probe hybridization as related to genetic disorders, tumor markers, and infectious disease.

(Contact hours – 45)

MLT – MEDICAL LABORATORY TECHNOLOGY**MLT 1031 / MLT 131: Hematology - 2 Credits**

Covers an introduction to phlebotomy and hematology testing. This is an introductory course for Medical Laboratory Technician students and a complete hematology module for

phlebotomy students.
(Contact hours – 45)

MLT 1032 / MLT 132: Hematology II - 4 Credits

Covers advanced theory and practical application of hematology and hemostasis systems as they relate to the medical laboratory. Laboratory techniques, instrumentation, safety, and quality assurance in the hematology/hemostasis lab are applied. Blood cell formation, cell function and morphology, and coagulation topics are covered. Correlation of test results to blood disorders is explored. Body fluid analysis will be covered including manual counts and laboratory procedures.
(Contact hours – 90)

MLT 1041 / MLT 141: Immunohematology/Immunology - 4 Credits

Covers theoretical principles and procedures in immunology and immunohematology as they pertain to the clinical laboratory. Blood banking procedures will be covered including antigens, antibodies, immune system responses, genetics, antibody identification, compatibility testing, transfusion reactions, component therapy, donor selection and tests, autoimmune hemolytic anemias and hemolytic disease of the newborn. Proficient performance of related laboratory testing is mandatory.
(Contact hours – 90)

Prerequisite(s): MLT 1032 / MLT 132 and BIO 2101 / BIO 201 or Corequisite(s): BIO 2102/BIO 202

MLT 1042 / MLT 142: Urinalysis - 2 Credits

Provides the student with theory and practice in performing urinalysis, including kidney function and urine formation. Urinalysis consists of examination of the physical, chemical, and microscopic components of urine. Analysis of other body fluid including cerebrospinal (CSF), serous, amniotic, synovial, seminal, vaginal, and feces are included.
(Contact hours – 45)

MLT 1080 / MLT 180: Internship/ Blood Banking I - 1 Credit

Provides clinical laboratory experience in the principles and procedures of clinical immunohematology. Emphasis is placed on the implementation of knowledge and technical skills in a clinical environment.
(Contact hours – 45)

MLT 1082 / MLT 182: Internship II /Hematology, Coagulation & Urinalysis - 0-12 Credits

Provides the student with clinical laboratory experience in the principles and procedures of clinical hematology, coagulation, and urinalysis. Emphasis is placed on the implementation of knowledge and technical skills in a clinical environment.
(Contact hours – 157.5)

Prerequisite(s): MLT 1032 / MLT 132 and BIO 2101 / BIO 201 Corequisite: BIO 2102 / BIO 202

MLT 2031 / MLT 231: Clinical Microbiology - 4 Credits

Explains the basic skills, principles, and techniques for the staining, culturing, isolation, and identification of microorganisms of medical importance. Student will interpret clinical specimens to provide data correlation including diagnostics and treatment. Techniques for determining antibiotic sensitivity will be demonstrated. Public health, safety and quality control will also be emphasized.

(Contact hours – 90)

MLT 2032 / MLT 232: Parasitology/Mycology - 2 Credits

Provides the student with an introduction to basic laboratory identification and classification of medically significant isolates in parasitology and mycology. Laboratory safety, specimen selection, processing, isolation, and identification methods will be covered. Epidemiology and pathogenesis of mycosis and parasitic infections will be emphasized.

(Contact hours – 45)

MLT 2041 / MLT 241: Clinical Chemistry I - 2 Credits

Covers basic laboratory math, basic instrumentation, safety and quality control, basic theory and result evaluation of electrolytes, kidney function, and liver function test. This course is designed as an introductory course to clinical chemistry for Medical Laboratory Technician students.

(Contact hours – 45)

MLT 2053 / MLT 253: Seminar/Comprehensive Exams - 1 Credit

Prepares students for board exams and maintenance of certification through continuing education. Writing resumes, interviewing and job skills are practiced. Students will have the opportunity to complete multiple mock Medical Laboratory Technician (MLT) board exams.

(Contact hours – 15)

MLT 2080 / MLT 280: Internship III /Clinical Chemistry - 0-12 Credits

Provides the student with clinical laboratory experience in the principles and procedures of clinical chemistry. Emphasis is placed on the implementation of knowledge and technical skills in a clinical environment.

(Contact hours – 157.5)

MLT 2082 / MLT 282: Internship IV / Microbiology- 0-12 Credits

Provides the student with clinical laboratory experience in the principles and procedures of clinical microbiology. Emphasis is placed on the implementation of knowledge and technical skills in a clinical environment.

(Contact hours – 90)

MLT 2402 / MLT 242: Clinical Chemistry II- 4 Credits

Covers advanced clinical chemistry theory, organ functions and disease correlations. Manual and automated chemistry testing is performed in the laboratory portion of the course.

(Contact hours – 90)

MUS – MUSIC

MUS 1000 /MUS 100: Music Theory Fundamentals I - 3 Credits

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. (Contact hours – 45)

MUS 1010 / MUS 110: Music Theory I - 3 Credits

Reviews and builds upon music fundamentals, diatonic harmony, phrase structure, and analysis. The course introduces voice leading and four-part harmony in root position and inversions.

(Contact hours – 45)

MUS 1012 / MUS 112: Ear Training/Sight-singing I Lab - 1 Credits

Provides exercises in sight singing, rhythmic reading, and melodic and rhythmic dictation. The course will include performance of melodies and rhythmic reading exercises. Ear training dictation topics includes rhythm, intervals, diatonic scales, melody, triad types, and scales (Contact hours – 30)

MUS 1013 / MUS 113: Ear Training/Sight-singing II Lab - 1 Credit

Continues to develop sight singing, rhythm reading, and dictation skills. The course includes expanded exercises in sight singing, rhythmic reading, and melodic and rhythmic dictation, as well as performance of melodies and rhythmic reading exercises. This course includes ear training topics.

(Contact hours – 30)

MUS 1020 / MUS 120: Music Appreciation: GT-AH1- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

(Contact hours – 45)

MUS 1021 / MUS 121: Music History: Medieval through Classical: GT-AH1- 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

(Contact hours – 45)

MUS 1022 / MUS 122: Music History: Early Romantic Period to the Present: GT-AH1- Credits

3

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. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

(Contact hours – 45)

MUS 1023 / MUS 123: Survey of World Music: GT-AH1- 3 Credits

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.

(Contact hours – 45)

MUS 1025 / MUS 125: History of Jazz: GT-AH1- 3 Credits

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 jazz music vocabulary. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

(Contact hours – 45)

MUS 1031 / MUS 131: Music Class I: Piano - 2 Credits

Provides group instruction in music, introducing basic techniques, repertoire, and sight-reading.

(Contact hours – 30)

MUS 1041 / MUS 141: Private Instruction (Specify) - 1 – 2 Credits

1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4-year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at and participation in student performances is required for 2 credits. First year, first term.

(Contact hours – 15 – 30)

MUS 1042 / MUS 142: Private Instruction (Specify) -1 – 2 Credits

1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4-year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at and participation in student performances is required for 2 credits. First year, second term.

(Contact hours – 15 -30)

MUS 1051 / MUS 151: Ensemble I: Choir -1 Credit

First year, first term. Rehearses and performs various types of musical literature.
(Contact hours – 45)

MUS 1052 / MUS 152: Ensemble II: Choir - 1 Credit

Rehearses and performs various types of musical literature. First year, second term.
(Contact hours – 45)

MUS 1101 / MUS 111: Music Theory II - 3 Credits

Introduces harmony through four-part writing studying principles of harmonic progression, modulation, diatonic seventh chords, secondary dominants, keyboard harmony, and score analysis of binary and ternary form.
(Contact hours – 45)

MUS 2010 / MUS 210: Music Theory III - 3 Credits

Continues study of four-part music, including extended harmonic progressions of ninth, eleventh, thirteenth chords, extended alteration, non-chord tones, modulation and compositions
(Contact hours – 45)

MUS 2011 / MUS 211: Music Theory IV - 3 Credits

Continues the study of chromatic harmony and analysis. This course introduces 20th and 21st century compositional techniques, including Impressionism, serialism, non-tertian harmonies, and further study in forms and analysis.
(Contact hours – 45)

MUS 2012 / MUS 212: Ear Train/Sightsing Lab III - 1 Credit

Covers sight singing and melodic dictation using modulation and chromaticism. It covers harmonic dictation including diatonic and chromatic harmonic progressions. It will emphasize rhythmic reading and dictation including syncopation and asymmetrical meters.
(Contact hours – 30)

MUS 2013 / MUS 213: Ear Train/Sightsing Lab IV - 1 Credit

Covers sight singing and ear training skills related to musical styles since 1900.
(Contact hours – 30)

MUS 2041 / MUS 241: Private Instruction (Specify) - 1 – 2 Credits

1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4 year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at and participation in student performances is required for 2 credits. Second year, first term.
(Contact hours – 15 – 30)

MUS 2042 / MUS 242: Private Instruction: (Specify)- 1 – 2 Credits

1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4 year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at and participation in student performances is required for 2 credits. Second year, third term.

(Contact hours – 15 – 30)

MUS 2051 / MUS 251: Ensemble I - 1 Credit

Rehearses and performs various types of musical literature. Second year, first term.

(Contact hours – 45)

MUS 2052 / MUS 252: Ensemble II -1 Credit

Rehearses and performs various types of musical literature. Second year, second term.

(Contact hours – 45)

NAT – NAIL TECHNICIAN**NAT 1010 / NAT 110: Introduction to Nail Care - 3 Credits**

This course covers 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.

(Contact hours – 60)

NAT 1011 / NAT 111: Intermediate I Nail Care - 2 Credits

This course covers 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 aspects of manicures, pedicures, and nail art is taught.

(Contact hours – 45)

NAT 2010 / NAT 210: Advanced Nail Care - 2 Credits

This course covers advanced theory and practical application dealing with different types of manicures, pedicures, massage techniques, and nail art. Topics included in this course are: practical application of procedures, products, nails shapes and maintenance of the natural nails. Course will cover client education on 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.

(Contact hours – 37.5)

NAT 2011 / NAT 211: Application of Nail Enhancements- 5 Credits

This course covers advanced theory and product knowledge of current industry nail enhancements to ready the student for employment. Practical application and removal techniques of nail wraps, tip overlays, acrylics and any current enhancements are practiced. Instruction is provided in specialized classes or in supervised salon setting using models or customer service. This course prepares the student for the Colorado state board licensing examination.

(Contact hours – 97.5)

NAT 2090 / NAT 290: Advanced Nail Technician Studies- 3 Credits

Provides students with a vehicle to pursue in-depth exploration of special topics of interest.

NUA – NURSING ASSISTANT**NUA 1001 / NUA 101: Nurse Aide Health Care Skills - 4 Credits**

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 of asepsis, OSHA and HIPAA regulations. Ethical behaviors, cultural sensitivity and principles of mental health will be addressed, as well as patient/resident rights.

(Contact hours – 75)

Corequisite: NUA 1070 / NUA 170

NUA 1070 / NUA 170: Nurse Aide Clinical Experience - 1.5 Credit

Applies knowledge and skill gained in NUA 1001 / NUA 101 to patient care.

(Contact hours – 33.75)

Prerequisite(s) or Corequisite(s): NUA 1001 / NUA 101

NUA 1074 / NUA 174: Acute Care Nurse Aide Skills-1 Credit

Explores the role of the acute care nurse aide in communication, safety issues and advanced nurse aide skills. Knowledge will be gained regarding patient findings to report to the nurse and will be proficient in performance of advanced acute care nurse aide skills. Caring for patients going to surgery or for special procedures will be discussed and patient rights in the acute care setting will be explored.

(Contact hours – 45 Lecture 12, Lab 9, Clinical 24 / 3 weeks of lecture and lab before 24 hours of clinical time)

Prerequisite(s): NUA 1001 and NUA 1070 or current Certification/Licensure in the State of Colorado and Current BLS

NUR – NURSING

The following Nursing Program courses include a combination of theory, laboratory practice and clinical practice for each course. Students must pass each of the theory, laboratory and clinical portions of each course to receive a passing grade in that course. Most of the Nursing Program courses are sequential and must be completed successfully before proceeding into the next course. Lecture hours for each course are calculated on a 1:1 credit to contact ratio, laboratory and clinical hours are calculated on a 1:3 credit to contact ratio.

NUR 1001 / NUR 101: Pharmacology Calculations -1 Credit

Prepares nurse to provide safe, person-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.

(Contact hours – 1 lecture (15 contact hours))

Prerequisite(s): Admission to the Nursing Program

NUR 1006 / NUR 106: Med-Surg Nursing Concepts - 7 Credits

NUR 1006 / NUR 106 is the first medical/surgical nursing course. Building on NUR1009 / NUR 109, 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 judgement necessary for safe, person-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.

(Contact hours – 3.4 lecture (51 contact hours), 0.3 lab (13.5 contact hours), 3.3 clinical (148.5 contact hours))

Prerequisite(s): Admission to the Nursing Program and NUR 1009 / NUR 109

NUR 1009 / NUR 109: Fundamentals of Nursing - 6 Credits

Examines the fundamental concepts necessary for safe, person-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities. This course introduces caring, critical thinking/clinical judgment, the nursing process, quality improvement, and communication used when interacting with patients and interdisciplinary team through evidence-based nursing practice. The 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.

(Contact hours – 2 lecture (20 contact hours), 2 lab (90 contact hours), 2 clinical (90 contact hours))

Prerequisite(s): Admission to the Nursing Program

NUR 1012 / NUR 112: Basic Concepts of Pharmacology - 2 Credits

Provides an overview of the basic principles of pharmacology including major drug

classifications and prototypes of commonly used medications. This course introduces central concepts including safety and quality improvement practices in the administration of medications, person centered teaching, and variations encountered when administering medications to diverse population across the lifespan.

(Contact hours – 30)

Prerequisite(s): Admission to the Nursing Program

NUR 1021 / NUR 121: Success in Nursing School - 3 Credits

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.

(Contact hours – 45)

NUR 1050 / NUR 150: Maternal – Child Nursing - 6 Credits

Provides the theory of maternal-child nursing, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical judgment necessary for safe, family-centered nursing care to childbearing families and children that is developmentally and culturally appropriate. This course incorporates evidence-based practice, standards of practice, quality improvement, and legal and ethical responsibilities. The application of knowledge and skills occurs in the nursing skills laboratory and in a variety of maternal-child and pediatric clinical settings.

(Contact hours – 3.3 lecture (49.5 contact hours), 0.7 lab (31.5 contact hours), 2 clinical (90 contact hours))

Prerequisite(s): Admission into the Nursing Program and NUR 1009/ NUR 109

NUR 1069 / NUR 169: Transition to Practical Nursing - 4 Credits

Facilitates the transition into the role of the practical nurse with emphasis on distinguishing the defined practical nurse 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.

(Contact hours – 2 lecture (30 contact hours), 2 clinical (90 contact hours))

Prerequisite(s): NUR 1009 /NUR 109 or Corequisite(s): NUR 1006/ 106, 1012/ 112, 1050/ 150

NUR 2002: Transition from LPN to Prof NS - 3 credits

Facilitates transition of the Licensed Practical Nurse (LPN) to new roles and responsibilities of a professional nurse, the nursing process, critical thinking/clinical judgment, legal and ethical issues in the nursing practice, and the nursing care of childbearing families and pediatric clients. The application of knowledge and skills occurs in the laboratory and maternal-child and pediatric clinical settings.

(Contact hours – 2 lecture (30 contact hours), 0.5 lab (22.5 contact hours), 0.5 clinical (22.5 contact hours))

Prerequisite(s): LPN Licensure or permission of Nursing Director

NUR 2006 / NUR 206: Adv Concepts of Med/Surg NSG I - 6.5 Credits

Builds on medical surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical judgment necessary for safe, person-centered nursing care to developmentally and culturally diverse, high acuity medical surgical adult patients. The course incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse. The application of knowledge and skills occurs in the nursing skills laboratory and in a variety of clinical settings. (Contact hours – 3 lecture (45 contact hours), 0.5 lab (22.5 contact hours), 3 clinical (135 contact hours))

Prerequisite(s): Admission to the Nursing Program and NUR 1009 / NUR 109

NUR 2011 / NUR 21: Psychiatric-Mental Health Nursing - 4 Credits

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 psychiatric clinical conditions/disorders.

(Contact hours – 2.7 lecture (40.5 contact hours), 1.3 clinical (58.5 contact hours))

Prerequisite(s): Admission to the Nursing Program or Prerequisite(s) or Corequisite(s): NUR 2006 / NUR 206

NUR 2012 / NUR 212: Pharmacology II - 2 Credits

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.

(Contact hours – 30)

Prerequisite(s): Admission to the Nursing Program and NUR 1012 / NUR 112

NUR 2016 / NUR 216: Adv Concepts Med-Surg NSG II - 5 Credits

Continues to build on medical surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical judgment necessary for safe, person-centered nursing care to developmentally and culturally diverse adult patients experiencing high acuity medical surgical conditions. This course incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse in high acuity settings. The application of knowledge and skills occurs in a variety of clinical settings.

(Contact hours – 2.3 lecture (34.5 contact hours) 2.7 clinical (121 contact hours))

Prerequisite(s): Admission to the Nursing Program and NUR 2006 / NUR 206

NUR 2030 / NUR 230: Transition to Professional NSG - 4 Credits

Provides an integrative experience applying all dimensions of the professional nurse when caring for diverse patient populations across a variety of healthcare settings. All major

concepts of the nursing program are addressed in this seminar and practice capstone course. Leadership and the management of multiple patients are emphasized. The application of knowledge and skills occurs in the clinical setting to facilitate an effective transition from student to registered professional nurse.

(Contact hours – 1.6 lecture (24 contact hours), 2.4 clinical (108 contact hours))

Prerequisite(s): Admission to the Nursing Program and NUR 2006 / NUR 206, NUR 2011 / NUR 211, NUR 2012/ NUR 212 and Corequisite(s): NUR 2016 / NUR 216

NUR 2054 / NUR 254: RN Licensing Exam Preparation - 1.5 Credits

Will provide a review of the RN NCLEX test plan content areas, review of NCLEX style question formats and the Computerized Adaptive Testing method. Students will review study options for preparing for the RN NCLEX exam and have the opportunity to develop a customized preparation plan for success on the RN NCLEX for Professional Nursing Licensure.

(Contact hours 22.5)

NUR 2075 / NUR 275: Special Topics - 0–12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

PED – PHYSICAL EDUCATION

PED 1000 / PED 100: Fitness Concepts - 1 Credit

Focuses on providing information and guidelines for moving toward a more healthy lifestyle. Includes classroom instruction, an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program utilizing the equipment and exercise options available in the Fitness Center.

(Contact hours – 30)

PED 1001 / PED 101: Conditioning Lab - 1 Credit

Offers an independent self-paced format of conditioning exercises to meet individual needs. Emphasizes the value of lifetime fitness and its contribution to achieving personal health and wellness. Students utilize cardiorespiratory, muscular strength and endurance exercises to promote positive changes in health-related fitness components.

(Contact hours – 30)

PED 1002 / PED 102: Weight Training I -1 Credit

Offers basic instruction and practice in weight training. Students utilize weight training equipment in accordance to their abilities and goals. Emphasizes weight training equipment orientation, correct lifting techniques, and basic program design for men and women.

(Contact hours – 30)

PED 1003 / PED 103: Weight Training II - 2 Credits

Offers guided instruction and independent practice in weight training for men and women. Students practice various weight training techniques in accordance with their abilities.

Emphasizes physiological considerations, equipment orientation, correct lifting techniques, program design, and nutrition.
(Contact hours – 60)

PED 1004 / PED 104: Cross Training - 1 Credit

Introduces basic cross-training techniques designed to improve physical work capacity of an individual. Enables the student to gain an understanding of the basic principles of cross training, the effects cross training has upon the body's energy systems and muscles, program design and terminology.
(Contact hours – 30)

PED 1010 / PED 110: Fitness Center Activity I -1 Credit

Focuses on improving total fitness via an aerobic circuit training program. Includes an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program. Covers the basic components of fitness including flexibility, muscular strength, muscular endurance, cardiovascular fitness, and body composition. Weight machines, stationary bicycles, and computerized cardiovascular equipment are incorporated to elicit improvements in fitness.
(Contact hours – 30)

PED 1011 / PED 111: Fitness Center Activity II - 1 Credit

Serves as an advanced course for individuals interested in reaching a higher level of total fitness via an aerobic circuit training program. Includes an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program. Focuses on the basic components of fitness including flexibility, muscular strength, muscular endurance, cardiovascular fitness, and body composition. Weight machines, stationary bicycles, and computerized cardiovascular equipment are used to elicit improvements in fitness.
(Contact hours – 30)

PED 1012 / PED 112: Fitness Center Activity III - 1 Credit

Serves as an advanced exercise course designed for individuals interested in attaining a high level of total fitness. Includes an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program. Focuses on the basic components of fitness including flexibility, muscular strength and endurance, cardiovascular fitness, and body composition. The primary mode of training is Aerobic Circuit Training. The circuit training is supplemented with additional work on specialized weight machines, dumbbells, treadmills, rowers, stair climbers, cross trainers, Nordic track, versa climbers, and running track available in the Fitness Center.
(Contact hours – 30)

PED 1013 / PED 113: Fitness Center Activity IV -1 Credit

Focuses on advanced instruction designed for individuals interested in attaining a high level of total fitness. Includes an individual fitness evaluation, computerized analysis of results, and a prescribed exercise program. Focuses on the basic components of fitness including flexibility, muscular strength, muscular endurance, cardiovascular fitness, and body composition. The

primary mode of training is Aerobic Circuit Training. The circuit training is supplemented with additional work on the specialized weight machines, dumbbells, treadmills, rowers, stair climbers, cross trainers, Nordic track, versa climbers, and running track found in the Fitness Center.

(Contact hours – 30)

PED 1020 / PED 120: Aerobics I -1 Credit

Offers a level of aerobic exercise to increase the students aerobic endurance and further explains the components of aerobic conditioning. Charting and developing of cardiovascular rates are stressed.

(Contact hours – 30)

PED 1022 / PED 122: Step Aerobics -1 Credit

Introduces basic step aerobics and exercise techniques to improve physical fitness. Emphasizes the basic principles of step aerobics including the effects upon the cardio-respiratory system and skeletal muscles, various step patterns and choreography.

(Contact hours – 30)

PED 1029 / PED 129: Zumba - 1 Credit

Zumba is a compilation of high energy, motivating music with unique moves and choreography combinations. Zumba fuses Latin and International music and dance themes to create a dynamic, exciting, effective fitness system. The routines feature aerobic/fitness interval training with a combination of fast and slow rhythms that tone and sculpt the body. Zumba utilizes the principles of fitness interval training and resistance training to maximize caloric output, fat burning and total body toning. It is a mixture of body sculpting movements with easy-to-follow dance steps.

(Contact hours – 30)

PED 1063 / PED 163: Martial Arts I - 1 Credit

Introduces basic martial arts techniques and forms designed to improve the physical and mental capacity of an individual. Enables the student to gain an understanding of the basic philosophies and concepts around the martial arts and the approach to ethics. Provides a clear-cut guide for developing a powerful sense of character and will.

(Contact hours – 30)

PED 1064 / PED 164: Martial Arts II - 1 Credit

Presents an empty-hand form of self defense using all parts of the body in various blocking, kicking, punching and striking techniques against one or more assailants. The style of Karate taught will be Tae Kwon Do. Based on the results of an initial skills test, each student will be assigned two additional kicks, one additional jump kick, and one pattern. Intermediate sparring and self-defense techniques will be taught. Each student will be assigned a goal that they will strive to achieve by the end of the course.

(Contact hours – 30)

PED 1076 / PED 176: Special Topics - 0-12 Credit

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

PED 2002 / PED 202: Golf I -1 Credit

Introduces a basic course in golf designed for those who have had little or no formal instruction or for those with some experience who are interested in improving some aspect of their game. Includes driving range, putting green, and on-course play.

(Contact hours – 30)

PED 2003 / PED 203: Golf II -1 Credit

Covers skills designed for individuals with an advanced level of golfing skills who are interested in improving their game. Driving range, putting green and on course instruction and play will be included. Use of woods, irons, wedges and putting will be stressed. All instruction will be by certified golf instructors.

(Contact hours – 30)

PED 2006 / PED 206: Racquetball I - 1 Credit

Introduces and improves the skill level in racquetball. Emphasizes teaching the student the elements of racquetball including rules, stroke technique, scoring, serving, the various shots, and offensive and defensive strategies.

(30 Contact hours)

PED 2021 / PED 221: Dynamic Workout - 1 Credit

Designed for those who want to increase flexibility and improve muscle tone through proper exercise techniques using mat work. Body alignment, breathing, and work on the abdominals, hips and thighs will be emphasized.

(Contact hours – 30)

PED 2030 / PED 230: Volleyball I - 1 Credit

Introduces and improves student skill level in volleyball. The primary emphasis is on teaching the student the elements of volleyball including rules, offensive and defensive play, passing, serving, setting, attacking, team play and game strategies.

(Contact hours – 30)

PED 2031 / PED 231: Volleyball II - 1 Credit

Introduces and improves student's advanced skills in volleyball. The primary emphasis is on teaching students quick offensives and advanced defensive systems in order to play volleyball at a competitive level.

(Contact hours – 30)

PED 2032 / PED 232: Baseball - 1 Credit

Assesses the student's skill level in baseball. Emphasizes skill testing and game participation.

(Contact hours – 30)

PED 2033 / PED 233: Softball - 1 Credit

Introduces and improves skill level in softball. Emphasizes the elements of softball including rules of play, variations of play, equipment, skill technique, and offensive and defensive play and strategies.

(Contact hours – 30)

PED 2034 / PED 234: Basketball - 1 Credit

Introduces basketball and focuses on improving student skill level. Emphasizes teaching the student the elements of basketball rules, offensive and defensive footwork, shooting, passing, dribbling, rebounding, team play, and game strategies.

(Contact hours – 30)

PED 2035 / PED 235: Soccer - 1 Credit

Gives the student the opportunity to gain knowledge and skills in the subject of soccer, including history, governing organizations, laws of the game, skills techniques, offensive and defensive tactics and conditioning.

(Contact hours – 30)

PED 2037 / PED 237: Varsity Sports - 1 Credit

Allows the student-athletes an opportunity to participate in a competitive varsity sports program.

(Contact hours – 30)

PHI – PHILOSOPHY**PHI 1011 / PHI 111: Introduction to Philosophy: GT-AH3 - 3 Credits**

Introduces significant theoretical and practical questions and emphasizes understanding the meaning and methods of philosophy. Includes: the human condition, logic, reality, knowledge, freedom, history, ethics, and religion. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

(Contact hours – 45)

PHI 1012 / PHI 112: Ethics: GT-AH3 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

(Contact hours – 45)

PHI 1013 / PHI 113: Logic: GT-AH3 - 3 Credits

Studies effective thinking using language-oriented logic. Provides tools and develops skills for creative and critical thinking and the formal analysis of arguments. Emphasizes the

development of decision-making and problem-solving. This is a statewide Guaranteed Transfer course in the GT-AH3 category.
(Contact hours – 45)

PHI 1014 / PHI 114: Comparative Religions: GT-AH3 - 3 Credits

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 as its worldview and teachings. This is a statewide Guaranteed Transfer course in the GT-AH3 category.
(Contact hours – 45)

PHI 1015 / PHI 115: World Religious-West: GT-AH3 - 3 Credits

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.
(Contact hours – 45)

PHI 1016 / PHI 116: World Religions-East: GT-AH3 - 3 Credits

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. (Contact hours – 45)

PHI 2005 / PHI 205: Business Ethics: GT-AH3 - 3 Credits

Examines major ethical theories and then applies ethical decision-making criteria to various moral issues and challenges in a business environment. This course includes 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.
(Contact hours – 45)

PHI 2014 / PHI 214: Philosophy of Religion: GT-AH3 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH3 category.
(Contact hours – 45)

PHI 2018 / PHI 218: Environmental Ethics: GT-AH3 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH3 category.
(Contact hours – 45)

PHI 2020 / PHI 220: Philosophy-Death & Dying: AH3 - 3 Credits

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.
(Contact hours – 45)

**** Additional courses available through Colorado Online @ ****

PHY – PHYSICS

PHY 1105 / PHY 105: Conceptual Physics w/Lab: GT-SC1 - 4 Credits

Focuses on mechanics, heat, properties of matter, electricity and magnetism, light and modern physics. Incorporates laboratory experience.
(Contact hours – 75)

Prerequisite(s): College Readiness in English and College Readiness in Quantitative Literacy Math

PHY 1111 / PHY 111: Physics: Algebra-Based I w/ Lab: GT-SC1 - 5 Credits

The physics of mechanics and requires application of classical physics to both mathematical and conceptual problems. This course includes kinematics in one and two dimensions, Newton's Laws, circular motion, work and energy, impulse and momentum, rotational mechanics, and simple harmonic motion. This is a statewide Guaranteed Transfer course in the GT-SCI category.
(Contact hours – 90)

Prerequisite(s): MAT 1340 / MAT 121

PHY 1112 / PHY 112: Physics: Algebra-Based II with Lab: GT-SC1 - 5 Credits

The physics of electricity and magnetism and requires application of classical physics to both mathematical and conceptual problems. This course covers Direct Current (DC) circuits involving resistors, capacitors, and batteries. This course also covers traveling and standing waves, electromagnetic waves, and geometric optics. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 90)

Prerequisite(s): PHY 1111 / PHY 111

PHY 2111 / PHY 211: Physics: Calculus-Based I with Lab: GT-SC1 - 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 105)

Prerequisite(s): MAT 2410 / MAT 201

PHY 2112 / PHY 212: Physics: Calculus-Based II with Lab: GT-SC1 - 5 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

(Contact hours – 105)

Prerequisite(s): PHY 2111 / PHY 211

PHY 2113 / PHY 213: Physics III: Calculus Based Modern Physics - 3 Credits

Expands upon PHY 2112 / PHY 212 and explores twentieth century advances in physics.

Topics may include special and general relativity, quantum theory, atomic physics, solid state physics, nuclear physics, semiconductor physics and cosmology.

(Contact hours – 60)

Prerequisite(s): PHY 2012 / PHY 212

PSC – POLITICAL SCIENCE**PSC 1011 / PSC 111: American Government: GT-SS1 - 3 Credits**

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, electoral process, and the structure and functions of the national government. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

(Contact hours – 45)

PSC 1025 / PSC 125: American State and Local Government: GT-SS1- 3 Credits

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.

(Contact hours – 45)

PSC 2005 / PSC 205: International Relations: GT-SS1 - 3 Credits

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.

(Contact hours – 45)

PSC 2020 / PSC 105: Introduction to Political Science: GT-SS1 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

(Contact hours – 45)

PSY – PSYCHOLOGY**PSY 1001 / PSY 101: General Psychology I: GT-SS3 - 3 Credits**

Focuses on the scientific study of behavior including motivation, emotion, physiological psychology, stress and coping, research methods, consciousness, sensation, perception, learning, and memory. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

PSY 1002 / PSY 102: General Psychology II: GT-SS3 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

PSY 2221 / PSY 226: Social Psychology: GT-SS3 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

PSY 2331 / PSY 231: Positive Psychology: GT-SS3 - 3 Credits

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.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

PSY 2440 / PSY 235: Human Growth and Development: GT-SS3 - 3 Credits

Examines human development from conception through death, emphasizing physical, cognitive, emotional, and psychosocial factors. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

PSY 2441 / PSY 238: Child Development: GT-SS3 - 3 Credits

Focuses on the growth and development of the individual, from conception through childhood, emphasizing physical, cognitive, emotional, and psychosocial factors. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

(Contact hours -45)

Prerequisite(s): College Readiness in English

PSY 2552 / PSY 249: Psychopathology: GT-SS3 -3 Credits

Examines abnormal behavior and its classification, causes, treatment, and prevention. This is a statewide Guaranteed Transfer course in the GT-SS3 category

(Contact hours – 45)

Prerequisite(s): College Readiness in English

**** Additional courses available through Colorado Online @ ****

RAM – RANGE MANAGEMENT**RAM 2005 / RAM 205: Range Management - 3 Credits**

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.

(Contact hours – 60)

REC – RECREATION**REC 1020 / REC 120: Intro to Sport Management - 3 Credits**

Provides the student with knowledge of management in the areas of facilities, professional

organizations, educational institutions, promotions, as well as the different managerial styles that can be applied. This course will also provide the student with individual topics such as quality control, leadership, strategic planning, information systems, and sport research.
(Contact hours – 45)

RUS – RUSSIAN

RUS 1011 / RUS 111: Russian Language I – 5 Credits

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.
(Contact hours – 75)

SCI – SCIENCE

SCI 1055 / SCI 155: Integrated Sci I w/Lab: SCI - 4 Credits

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. (Contact hours – 60)

Prerequisite(s): College Readiness in English and MAT 1150 / MAT 108 or MAT 1220 / MAT 155 or higher.

SCI 1056 / SCI 156: Integrated Sci II w/Lab: SCI - 4 Credits

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.
(Contact hours – 60)

Pre-requisite: College Readiness in English and MAT 1150 / MAT 108 or MAT 1220 / MAT 155 Intergrated Math I: MA1

SCI 1105 / SCI 105: Science in Society: GT-SC2 - 3 Credits

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.

(Contact hours – 45)

Pre-requisite: College Readiness in English

SCI 2075: Special Topics – 0-12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest. CSU-P will accept this as a transfer elective credit.

**** Additional courses available through Colorado Online @ ****

SLP – STUDENT LEADERSHIP PROGRAM

SLP 1006 / SLP 106: Student Government I - 1 Credit

Provides the academic vehicle to complement the work of and support students serving in a student government organization. Students will learn to work together in a governance environment overseeing the allocation of funding for campus events, and serving as a resource for other campus leadership teams (first year, first semester).

(Contact hours – 15)

SLP 1007 / SLP 107: Student Government II - 1 Credit

Provides the academic vehicle to complement the work of and support students serving in a student government organization. Students will learn to work together in a governance environment overseeing the allocation of funding for campus events, and serving as a resource for other campus leadership teams (first year, second semester).

(Contact hours – 15)

SLP 2006 / SLP 206: Student Government III - 1 Credit

Provides the academic vehicle to complement the work of and support students serving in a student government organization. Students will learn to work together in a governance environment overseeing the allocation of funding for campus events, and serving as a resource for other campus leadership teams (second year, first semester).

(Contact hours – 15)

SLP 2007 / SLP 207: Student Government IV - 1 Credit

Provides the academic vehicle to complement the work of and support students serving in a student government organization. Students will learn to work together in a governance environment overseeing the allocation of funding for campus events and serving as a resource for other campus leadership teams (second year, second semester).

(Contact hours – 15)

SOC – SOCIOLOGY

SOC 1001 / SOC 101: Introduction to Sociology I: GT-SS3 - 3 Credits

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. (GT-SS3)

(Contact hours – 45)

Prerequisite(s): College Readiness in English

SOC 1002 / SOC 102: Introduction to Sociology II: GT-SS3 - 3 Credits

Examines the basic concepts, theories, and principles of sociology, including topics of family, religion, education, politics, the economy, health, demography, the environment and social movements through a local and global lens. Analyzes and interprets socio-historical as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

SOC 2031 / SOC 231: The Sociology of Deviant Behavior: GT-SS3 - 3 Credits

Critically examines various deviant categories and societal reactions to deviance affecting 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.

(Contact hours – 45)

Prerequisite(s): College Readiness in English

**** Additional courses available through Colorado Online @ ****

SPA – SPANISH

SPA 1011 / SPA 111: Spanish Language I - 5 Credits

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.

(Contact hours – 75)

SPA 1012 / SPA 112: Spanish Language II - 5 Credits

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.

(Contact hours – 75)

Prerequisite(s): SPA 1011 / SPA 111 Spanish Language I

SPA 1015 / SPA 115: Spanish for the Professional I - 3 credits

This course presents introductory Spanish language skills, for professional use in a variety of fields, within Spanish-speaking environments. This course is intended for language learners with little or no prior experience.

(Contact hours – 45)

SPA 2011 / SPA 211: Spanish Language III: AH4 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH4 category.

(Contact hours – 45)

Prerequisite(s): SPA 1012 / SPA 112 Spanish Language II

SPA 2012 / SPA 212: Spanish Language IV: AH4 - 3 Credits

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. This is a statewide Guaranteed Transfer course in the GT-AH4 category.

(Contact hours – 45)

Prerequisite(s): SPA 2011/SPA 211

**** Additional courses available through Colorado Online @ ****

THE – THEATRE**THE 1005 / THE 105: Theatre Appreciation: GT-AH1 - 3 Credits**

Provides an opportunity to discover, analyze, and evaluate all aspects of the theatre experience: scripts, acting, directing, staging, history, criticism, and theory. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

(Contact hours – 45)

THE 1008 / THE 108: Theater Script Analysis: GT-AH1 - 3 Credits

Explore methods of reading and analyzing a variety of diverse texts for the stage. Additionally, this course provides an opportunity to interpret theatre scripts through cultural lenses and dramaturgical research methods. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

(Contact hours – 45)

THE 1011 / THE 111: Acting I - 3 Credits

Covers basic acting techniques and approaches including scene study, improvisation, and

script analysis. It includes practical application through classroom performance.
(Contact hours – 45)

THE 1012 / THE 112: Acting II - 3 Credits

Continues to explore basic acting techniques and approaches including scene study, improvisation, and intermediate script analysis. It includes practical application through classroom performance.
(Contact hours – 45)

THE 1016 / THE 116: Technical Theatre - 3 Credits

Introduces methods of constructing and painting scenery and properties, operating stage lighting and sound equipment, and implementing costumes and multimedia. This course explores the proper procedures of serving on stage crews.
(Contact hours – 67.5)

THE 1031 / THE 131: Theatre Production I - 3 Credits

Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.
(Contact hours – 75)

THE 1032 / THE 132: Theatre Production II - 3 Credits

Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.
(Contact hours – 75)

THE 1041 / THE 141: Improvisation I - 1 Credit

Helps students learn improvisation skills for performance and character development. Emphasis is placed on Second City style of improvisation.
(Contact hours – 15)

THE 1075 / THE 175: Special Topics - 0 -12 Credits

Provides the student with a vehicle to pursue in-depth exploration of special topics of interest.

THE 1088 / THE 188: Practicum 1 – 0-12 Credits

Provides students an opportunity to gain practical experience in applying their skills and/or to develop specific skills in a practical work setting. The instructor will work with the student to select an appropriate work site, establish learning objectives and to coordinate learning activities with the practicum supervisor. (Contact hours – 45)

THE 2002 / THE 202: Intermed Costume Construction – 3 Credits

Provides additional training and experience in cutting and sewing methods for costumes, as

presented in THE 104 Basic Costume and Apparel Construction. Students are introduced to elements of costume garment design, research, and advanced construction techniques.
(Contact hours – 45)

THE 2011 / THE 211: Development of Theatre Greek-Renaissance – GT-AH1 -3 Credits

Surveys the history and development of theatrical practices from Ancient Greece to the Renaissance as well as non-western forms, emphasizing all aspects of performance from period values to analysis of dramatic literature and culture. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
(Contact hours – 45)

THE 2012 / THE 212: Development of Theatre Restoration to Modern- GT-AH1 - 3 Credits

Surveys the history and development of theatrical practices from Restoration to the present as well as non-Western forms, emphasizing all aspects of performance from period values to analysis of dramatic literature and culture. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
(Contact hours – 45)

THE 2015 / THE 215: Playwriting – GT-AH1 - 3 Credits

Develops playwriting techniques emphasizing elements of dramatic structure, dialogue, styles, creative writing, and theatrical practices. This is a statewide Guaranteed Transfer course in the GT-AH1 category.
(Contact hours – 45)

THE 2026 / THE 226: Theatre Sound Operation and Design 1 – 3 Credits

Explores the fundamental processes required to create a conceptual sound design for a stage play. Students apply skills gained in this course to an actual production.
(Contact hours – 45)

THE 2031 / THE 231: Theatre Production III - 3 Credits

Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.
(Contact hours – 90)

THE 2032 / THE 232: Theatre Production IV - 3 Credits

Allows students to put into practice theories of theatre production. Participation in set construction, scenic artistry, costuming, lighting, sound, acting, stage managing, and administration is available.
(Contact hours – 90)

WEL – WELDING

WEL 1000 / WEL 100: Safety for Welders – 1 credit

Covers the hazards of welding on health and safety.

(Contact hours – 15)

Corequisite(s): WEL 1001 /WEL 101

WEL 1001 / WEL 101: Allied Cutting Processes – 4 credits

Covers setting up equipment and performing cutting and gouging operations utilizing the oxyacetylene, air carbon arc, exothermic, and plasma arc cutting processes. This course will also provide an introduction to blueprint reading.

(Contact hours – 90)

Corequisite(s): WEL 1000 / WEL 100

WEL 1003 / WEL 103: Basic Shielded Metal Arc I – 4 credits

Covers Shielded Metal Arc Welding (SMAW) operation utilizing E-XX10 electrodes.

(Contact hours – 90)

WEL 1007 / WEL 107: Railroad Welding I – 3 Credits

Introduces fundamental cutting and welding skills required for welding to D15.1 Railroad welding Specification-Cars and Locomotives code.

(Contact hours – 67.5)

WEL 1008 / WEL 108: Railroad Welding II – 3 Credits

Develops the fundamental Shielded Metal Arc Welding (SMAW) skills, including theory, safety, and equipment set up and operation for welding to D15.1 Railroad welding Specification-Cars and Locomotives code.

(Contact hours – 67.5)

WEL 1009 / WEL 109: Railroad Welding III – 3 Credits

Develops the fundamental Gas Shielded Flux Cored Arc Welding (FCAW-G) skills, including theory, safety, and equipment set up and operation as it applies to the American Welding Society (AWS) D15.1 Railroad welding Specification-Cars and Locomotives code.

(Contact hours – 67.5)

WEL 1010 / WEL 110: Advanced Shielded Metal Arc I – 4 Credits

Covers Shielded Metal Arc Welding (SMAW) operations utilizing a variety of electrodes and advanced joint designs.

(Contact hours – 90)

WEL 1021 / WEL 121: Structural Welding I – 1 Credits

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.

WEL 1022 / WEL 122: Structural Welding II – 3 Credits

Continues WEL 121 with final emphasis toward AWS welder qualification with mild steel electrode E-7018 qualification test in the 2G, 3GU, and 4G position.

WEL 1024 / WEL 124: Gas Tungsten Arc Welding I – 4 Credits

Covers Gas Tungsten Arc Welding (GTAW) operations in various positions and joint designs.
(Contact hours – 90)

WEL 1045 / WEL 145: Intro to Robotic Welding – 2 Credits

Introduces the use of the teaching pendent to program a robotic welding machine. Will cover basic terminology, machine safety, programming of all six axis points, and weld sequencing. Provides practical application in programming and operating a robot welding machine.
(Contact hours – 45)

WEL 2001 / WEL 201: Gas Metal Arc Welding I – 4 Credits

Covers Gas Metal Arc Welding (GMAW) operations on carbon steel utilizing various positions and joint designs.
(Contact hours – 90)

WEL 2002 / WEL 202: Gas Metal Arc Welding II -4 Credits

Covers Gas Metal Arc Welding (GMAW) operations utilizing various base metals, positions, and joint designs.
(Contact hours – 90)

WEL 2004/ WEL 204: Flux Cored Arc Welding II – 4 Credits

Covers Flux Cored Arc Welding (FCAW-G) operations utilizing gas-shielded wire in various positions and joint designs.
(Contact hours – 90)

WEL 2024 / WEL 224: Gas Tungsten Arc Welding II – 4 Credits

Covers Gas Tungsten Arc Welding (GTAW) operations utilizing a variety of base metals and advanced joint designs.
(Contact hours – 90)

WEL 2030 / WEL 230: Pipe Welding I – 4 Credits

Covers pipe welding operations utilizing the Shielded Metal Arc Welding (SMAW) process in a variety of positions on carbon steel.
(Contact hours – 90)

WEL 2031 / WEL 231: Pipe Welding II – 4 Credits

Covers pipe welding operations utilizing various processes and positions.
(Contact hours – 90)

WEL 2050 / WEL 250: Layout and Fabrication – 4 Credits

Develops welding and associated skills in metal fabrication.
(Contact hours – 90)

WEL 2063 / WEL 263: Applied Metal Properties – 4 Credits

Introduces the study of metal properties, hardness testing, heat treatment, cold working microscopic examination and application of common commercial alloys in industry.
(Contact hours – 90)

WEL 2089 / WEL 289: Capstone – 0-12 Credits

Demonstrates culmination of learning within a given program of study.
(Contact hours – 22.5/credit)

WST – WOMEN & GENDER STUDIES

WST 2000 / 200: Introduction to Women's Studies: GT-SS3 – 3 Credits

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.

Prerequisite(s): College Readiness in English

Academic Calendar

2024-2025 Academic Calendar

*Otero's Academic Calendar is subject to change to match external schedules as necessary.

Summer Semester - 2024

| | |
|-----------------|---------------------|
| Tuesday, May 14 | Cosmo Classes Start |
|-----------------|---------------------|

Summer Semester – 2024 (8 week)

| | |
|----------------|---|
| Monday, May 27 | Memorial Day – No Class – Campus Closed |
|----------------|---|

| | |
|------------------------|----------------------|
| Tuesday, May 28 | Classes Begin |
|------------------------|----------------------|

| | |
|------------------|---|
| Thursday, June 3 | Last Day to Drop Classes & Receive a Refund |
|------------------|---|

| | |
|--------------------|---------------------------------------|
| Wednesday, June 19 | Juneteenth – No Class – Campus Closed |
|--------------------|---------------------------------------|

| | |
|-------------------|----------------------------------|
| Wednesday, July 3 | Last day of Cosmetology Semester |
|-------------------|----------------------------------|

| | |
|------------------|---|
| Thursday, July 4 | Independence Day – No Class – Campus Closed |
|------------------|---|

| | |
|----------------|---|
| Monday, July 8 | Last Day to Withdraw from Classes Earning a "W" |
|----------------|---|

| | |
|-----------------|--------------------------|
| Friday, July 19 | Last Day of the Semester |
|-----------------|--------------------------|

Summer Semester – 2024 (10 week)

| | |
|-----------------|---------------|
| Tuesday, May 28 | Classes Begin |
|-----------------|---------------|

| | |
|------------------|---|
| Thursday, June 6 | Last Day to Drop Classes & Receive a Refund |
|------------------|---|

| | |
|--------------------|---------------------------------------|
| Wednesday, June 19 | Juneteenth – No Class – Campus Closed |
|--------------------|---------------------------------------|

| | |
|----------------|----------------------------------|
| Monday, July 3 | Last day of Cosmetology Semester |
|----------------|----------------------------------|

| | |
|-----------------|---|
| Tuesday, July 4 | Independence Day – No Class – Campus Closed |
|-----------------|---|

| | |
|------------------|---|
| Tuesday, July 23 | Last Day to Withdraw from Classes Earning a "W" |
|------------------|---|

| | |
|------------------|--------------------------|
| Friday, August 2 | Last Day of the Semester |
|------------------|--------------------------|

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|-----------------------------|
| Fall Semester – 2024 |
|-----------------------------|

| | |
|--------------------|---------------------|
| Tuesday, August 13 | Faculty Report Back |
|--------------------|---------------------|

| | |
|--------------------------|--|
| Monday, August 19 | Mandatory student orientation (Day)/Classes Begin |
|--------------------------|--|

| | |
|---------------------|--------------------------------------|
| Monday, September 2 | Labor Day – No Class – Campus Closed |
|---------------------|--------------------------------------|

| | |
|------------------------|---|
| Wednesday, September 4 | Last Day to Drop Classes & Receive a Refund (Full Term) |
|------------------------|---|

| | |
|--------------------|---|
| Monday, October 28 | Early Registration for Spring Term Starts |
|--------------------|---|

| | |
|-----------------------|---|
| Thursday, November 14 | Last Day to Withdraw from Classes Earning a "W" (Full Term) |
|-----------------------|---|

| | |
|--|--------------------|
| Monday, November 25- Friday, November 29 | Thanksgiving Break |
|--|--------------------|

| | |
|---------------------|-------------------------|
| Friday, December 13 | Last Day of Instruction |
|---------------------|-------------------------|

| | |
|--|------------------------------------|
| Monday, December 16 – Tuesday, December 17 | Faculty Workday – Final Grades Due |
|--|------------------------------------|

| | |
|-------------------------|--|
| December 25 – January 1 | Christmas/New Year's Holiday – Campus Closed |
|-------------------------|--|

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|-------------------------------|
| Spring Semester – 2025 |
|-------------------------------|

| | |
|----------------------|---------------------|
| Thursday, January 16 | Faculty Report Back |
|----------------------|---------------------|

| | |
|--------------------|----------------------------------|
| Monday, January 20 | MLK Day – No Class – Campus Open |
|--------------------|----------------------------------|

| | |
|----------------------------|-----------------------------|
| Tuesday, January 21 | Spring Classes Begin |
|----------------------------|-----------------------------|

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|-----------------------|---|
| Wednesday, February 5 | Last Day to Drop Classes & Receive a Refund (Full Term) |
|-----------------------|---|

| | |
|--------------------|---|
| Thursday, June 5 | Last Day to Drop Classes & Receive a Refund |
| Wednesday, June 19 | Juneteenth – No Class – Campus Closed |
| Friday, July 4 | Independence Day – No Class – Campus Closed |
| Wednesday, July 9 | Last day of Cosmetology Semester |
| Tuesday, July 22 | Last Day to Withdraw from Classes Earning a “W” |
| Friday, August 1 | Last Day of the Semester |

Tuition & Fees

Resident Tuition & Fees

The required fees for 12 hours or more provide students with an I.D. for use at the Student Center, Library, Fitness Center, athletic events, and admission to college-sponsored activities.

2024-25 COLORADO RESIDENT TUITION AND FEE SCHEDULE – ON CAMPUS INSTRUCTION

The college reserves the right to change tuition and fees in accordance with state law. Contact Student Services at 719-384-6800 if you have questions.

2024-25 Colorado Resident Tuition and Fee Schedule Table

| Credit Hours | Tuition \$ | COF Stipend | Net Per Credit | Fees | Reg. Fee | Total/Credit |
|--------------|------------|-------------|----------------|--------|----------|--------------|
| 1 | 285.10 | (116.00) | 169.10 | 16.80 | 17.15 | 203.05 |
| 2 | 570.20 | (232.00) | 338.20 | 33.60 | 17.15 | 388.95 |
| 3 | 855.30 | (348.00) | 507.30 | 50.40 | 17.15 | 574.85 |
| 4 | 1,140.40 | (464.00) | 676.40 | 67.20 | 17.15 | 760.75 |
| 5 | 1,425.50 | (580.00) | 845.50 | 84.00 | 17.15 | 946.65 |
| 6 | 1,710.60 | (696.00) | 1,014.60 | 100.80 | 17.15 | 1,132.55 |

| | | | | | | |
|----|----------|------------|----------|--------|-------|----------|
| 7 | 1,995.70 | (812.00) | 1,183.70 | 117.60 | 17.15 | 1,318.45 |
| 8 | 2,280.80 | (928.00) | 1,352.80 | 134.40 | 17.15 | 1,504.35 |
| 9 | 2,565.90 | (1,044.00) | 1,521.90 | 151.20 | 17.15 | 1,690.25 |
| 10 | 2,851.00 | (1,160.00) | 1,691.00 | 168.00 | 17.15 | 1,876.15 |
| 11 | 3,136.10 | (1,276.00) | 1,860.10 | 184.80 | 17.15 | 2,062.05 |
| 12 | 3,421.20 | (1,392.00) | 2,029.20 | 233.52 | 17.15 | 2,279.87 |
| 13 | 3,706.30 | (1,508.00) | 2,198.30 | 241.58 | 17.15 | 2,457.03 |
| 14 | 3,991.40 | (1,624.00) | 2,367.40 | 249.64 | 17.15 | 2,634.19 |
| 15 | 4,276.50 | (1,740.00) | 2,536.50 | 257.70 | 17.15 | 2,811.35 |
| 16 | 4,561.60 | (1,856.00) | 2,705.60 | 252.93 | 17.15 | 2,988.51 |
| 17 | 4,846.70 | (1,972.00) | 2,874.70 | 273.82 | 17.15 | 3,165.67 |
| 18 | 5,131.80 | (2,088.00) | 3,043.80 | 281.88 | 17.15 | 3,342.83 |

Note: The table above represents tuition rates for Colorado residents only

COF Stipend – The State of Colorado subsidized in-state resident tuition by directly paying part of each credit hour directly to the colleges. This money, known as College Opportunity Fund stipends (COF), is applied to an in-state student's tuition if the student applies for and authorizes the use of the stipend. Currently the College Opportunity Fund (COF) stipend is estimated to be worth \$116.00 per credit hour.

Western Undergraduate Exchange (WUE)

Students who are residents of states participating in the Western Interstate Commission for Higher Education (WICHE) are eligible to request a reduced tuition rate of 150% of Colorado resident tuition at Otero.

For more information contact the
Otero Financial Aid Director at:
719-384-6834.

Combined Room & Board Rate

| Dormitory | 19 – Meal Plan |
|--------------------|-----------------------|
| Double – Wunsch/SS | \$4,640.47 |
| Single – Wunsch/SS | \$5,390.17 |

| | |
|-------------------------|------------|
| Double – Conley Complex | \$5,105.61 |
| Single – Conley Complex | \$5,855.31 |

Student Housing Sites

- Wunsch Hall (on campus)
- South Site (off campus)
- E.J. Conley Residential Complex (on campus)

Single rooms based upon availability. Rooms may be converted to triple occupancy if demand is high.

COLORADO ASSET

Students Classification as a Colorado ASSET student allows eligible students without documentation to pay in-state tuition, rather than out-of-state tuition, as well as receive the Colorado Opportunity Fund stipend at Otero College.

Requirements for ASSET status students:

1. Have attended high school for three years immediately before graduating from a Colorado high school
2. Be admitted to a participating college within 12 months of graduating from a Colorado high school
3. If the student is not legally present in the U.S., they must sign an affidavit saying they are currently seeking or will seek legal status as soon as they are eligible.

For assistance with tuition classification, please contact the Otero Financial Aid Office: 719-384-6834.

Non-Resident Tuition & Fees

DEFERRED ACTION FOR CHILDHOOD ARRIVALS (DACA) STUDENTS

Classification as a Deferred Action for Childhood Arrivals (DACA) student allows eligible students without documentation to pay in-state tuition, rather than out-of-state tuition, as well as receive the Colorado Opportunity Fund stipend at Otero College.

Requirements for DACA status students:

1. Have graduated from a Colorado high school or have taken the GED in Colorado prior to September 1, 2013

2. Were not accepted or attending college within 12 months of graduation
3. Documented 18 months of being physically present in Colorado on a continuous basis
4. Provide at least two of the following documents:
 - If under the age of 23 and single, submit a copy of parent's lease, rental agreement, or deed to their home where you reside in Colo.
 - Submit proof of employment such as a letter from an employer with dates of employment or submit two years of Colorado income taxes being filed
 - Submit a copy of your Employment Authorization Card
 - Submit a copy of your Colorado ID or Colorado driver's licenses for the past 18 months

For assistance with tuition classification, please contact the Otero Financial Aid Office: 719-384-6834.

More information on DACA student classifications can be found at: www.ciccoloradoasset.org

2024-25 NON-RESIDENT TUITION AND FEE SCHEDULE – ON CAMPUS INSTRUCTION

The college reserves the right to change tuition and fees in accordance with state law. Contact Students Services at 719-384-6831 if you have questions.

2024-25 Colorado Non-Resident Tuition and Fee Schedule Table

| Credit Hours | Tuition \$ | Fees | Reg Fees | Total/Credit |
|---------------------|-------------------|-------------|-----------------|---------------------|
| 1 | 282.00 | 16.80 | 17.15 | 315.95 |
| 2 | 564.00 | 33.60 | 17.15 | 614.75 |
| 3 | 846.00 | 50.40 | 17.15 | 913.55 |
| 4 | 1,128.00 | 67.20 | 17.15 | 1,212.35 |
| 5 | 1,410.00 | 84.00 | 17.15 | 1,511.15 |
| 6 | 1,692.00 | 100.80 | 17.15 | 1,809.95 |
| 7 | 1,974.00 | 117.60 | 17.15 | 2,108.75 |
| 8 | 2,256.00 | 134.40 | 17.15 | 2,407.55 |
| 9 | 2,538.00 | 151.20 | 17.15 | 2,706.35 |
| 10 | 2,820.00 | 168.00 | 17.15 | 3,005.15 |
| 11 | 3,102.00 | 184.80 | 17.15 | 3,303.95 |
| 12 | 3,384.00 | 233.52 | 17.15 | 3,634.67 |
| 13 | 3,666.00 | 241.58 | 17.15 | 3,924.73 |

| | | | | |
|----|----------|--------|-------|----------|
| 14 | 3,948.00 | 249.64 | 17.15 | 4,214.79 |
| 15 | 4,230.00 | 257.70 | 17.15 | 4,504.85 |
| 16 | 4,512.00 | 265.76 | 17.15 | 4,794.91 |
| 17 | 4,794.00 | 273.82 | 17.15 | 5,084.97 |
| 18 | 5,076.00 | 281.88 | 17.15 | 5,375.03 |

INTERNATIONAL STUDENT TUITION RATES

International student tuition is based on the Non-Resident Tuition Rate Schedule. An additional \$157.00 per semester is added for international student transportation. Contact the Office of International Relations or Student Affairs for tuition rates and details, 719-384-6805.

CO Online @ - Resident Tuition Table

| Credit Hours | Tuition \$ | COF Stipend | Net Per Credit | Fees | Reg Fees | Total/Credit |
|--------------|------------|-------------|----------------|--------|----------|--------------|
| 1 | 393.80 | (116.00) | 277.80 | 16.80 | 17.15 | 311.75 |
| 2 | 787.60 | (232.00) | 555.60 | 33.60 | 17.15 | 606.35 |
| 3 | 1,181.40 | (348.00) | 833.40 | 50.40 | 17.15 | 900.95 |
| 4 | 1,575.20 | (464.00) | 1,111.20 | 67.20 | 17.15 | 1,195.55 |
| 5 | 1,969.00 | (580.00) | 1,389.00 | 84.00 | 17.15 | 1,490.15 |
| 6 | 2,362.80 | (696.00) | 1,666.80 | 100.80 | 17.15 | 1,784.75 |
| 7 | 2,756.60 | (812.00) | 1,944.60 | 117.60 | 17.15 | 2,079.35 |
| 8 | 3,150.40 | (928.00) | 2,222.40 | 134.40 | 17.15 | 2,373.95 |
| 9 | 3,544.20 | (1,044.00) | 2,500.20 | 151.20 | 17.15 | 2,668.55 |
| 10 | 3,938.00 | (1,160.00) | 2,778.00 | 168.00 | 17.15 | 2,963.15 |
| 11 | 4,331.80 | (1,276.00) | 2,055.80 | 184.80 | 17.15 | 3,257.75 |
| 12 | 4,725.60 | (1,392.00) | 3,333.60 | 233.52 | 17.15 | 3,584.27 |
| 13 | 5,119.40 | (1,508.00) | 3,611.40 | 241.58 | 17.15 | 3,870.13 |
| 14 | 5,513.20 | (1,624.00) | 3,889.20 | 249.64 | 17.15 | 4,155.99 |

| | | | | | | |
|----|----------|------------|----------|--------|-------|----------|
| 15 | 5,907.00 | (1,740.00) | 4,167.00 | 257.70 | 17.15 | 4,441.85 |
|----|----------|------------|----------|--------|-------|----------|

CO Online @ - Non-Resident Tuition Table

| Credit Hours | Tuition \$ | Fees | Reg Fee | Total/Credit |
|--------------|------------|--------|---------|--------------|
| 1 | 423.60 | 16.80 | 17.15 | 457.55 |
| 2 | 847.20 | 33.60 | 17.15 | 897.95 |
| 3 | 1,270.80 | 50.40 | 17.15 | 1,338.35 |
| 4 | 1,694.40 | 67.20 | 17.15 | 1,778.75 |
| 5 | 2,118.00 | 84.00 | 17.15 | 2,219.15 |
| 6 | 2,541.60 | 100.80 | 17.15 | 2,659.55 |
| 7 | 2,965.20 | 117.60 | 17.15 | 3,099.95 |
| 8 | 3,388.80 | 134.40 | 17.15 | 3,540.35 |
| 9 | 3,812.40 | 151.20 | 17.15 | 3,980.75 |
| 10 | 4,236.00 | 168.00 | 17.15 | 4,421.15 |
| 11 | 4,659.60 | 184.80 | 17.15 | 4,861.55 |
| 12 | 5,083.20 | 233.52 | 17.15 | 5,333.87 |
| 13 | 5,506.80 | 241.58 | 17.15 | 5,765.53 |
| 14 | 5,930.40 | 249.64 | 17.15 | 6,197.19 |
| 15 | 6,354.00 | 257.70 | 17.15 | 6,628.85 |

COURSE FEES

Otero College Course Fees 2024-25

All courses with the following prefixes will be charged a \$8.85 per credit hour fee.

| Prefix | Course Name |
|--------|-----------------------------|
| ABM | Farm / Ranch |
| AGB | Agriculture Business |
| AGE | Agriculture Economics |
| AGP | Agriculture Production |
| AGR | Agriculture |
| AGY | Agriculture Crops and Soils |
| AST | Astronomy |

| | |
|----------------|-------------------------------|
| BIO | Biology |
| CHE | Chemistry |
| CIS | Computer Information System |
| CNG | Computer Networking |
| CON | Construction |
| CSC | Computer Science |
| CWB | Web Management |
| DAN | Dance |
| EGG/DRT | Engineering |
| EMS | Emergency Medical Services |
| ENG | English |
| ENV | Environmental Science |
| GEY | Geology |
| HLT | Horticulture |
| HPR | Health Professional |
| HWE | Health and Wellness |
| LEA | Law Enforcement Academy |
| MAT | Math |
| MGD | Multimedia Graphic Design |
| MLT | Medical Laboratory Technology |
| MUS | Music |
| NUA | Nursing Assistant |
| NUR | Nursing |
| PBH | Public Health |
| PHY | Physics |
| RAM | Range Management |
| SBM | Small Business Management |
| THE | Theater |

*****All Remedial Courses are charged \$8.85 per credit hour fee *****

Courses included within these categories have been deemed to be medium to high cost by the Community Colleges of Colorado.

Otero College is required to collect these fees in order to recover some of the costs associated with producing these courses.

Fees will be charged to all courses regardless of whether they are online, hybrid, hyflex, or campus based.

STUDENT FEES

Otero has three fees which are charged on all credit courses, and two additional fees that are charged only to full time students (12 hours or more)

Fee 01 – Student Center Fee – \$8.74 per credit hour, \$96.14 maximum (11 hours) This fee is prorated on fractional hours (i.e., 1/2-hour credit is charged \$4.37).

- Charged to: Students registering for one or more classes carrying college credit. Full time students (12 or more credit hours) charged maximum \$96.14
- Exemptions: High school students, special contract students.
- Accounting: Credited directly to Auxiliary fund in Student Center, used for Student Center operations.

Fee 02 – Associated Student Government Fee – \$15.11

- Charged to: Full time students (12 hours or more)
- Exemptions: High school students, special contract students
- Accounting: Credited directly to Agency Activity Fund Student Government account used for student clubs and organizations.

Fee 03 – Intercollegiate Athletic Fee – \$25.55

- Charged to: Full time students (12 hours or more)
- Exemptions: High school students, special contract students
- Accounting: Credited directly to General Fund Subsidized Auxiliary Athletics. Fee is used to fund athletic team sports

Fee 04 – Registration Processing Fee – \$17.15

- Charged to: Students registering for one or more classes carrying college credit. Non-refundable. Not prorated on fractional hours.
- Exemptions: None
- Accounting: Credited to General Fund Student Fee revenue and becomes part of general operating revenue.

Fee 05 – Fitness Center Fee – \$2.89

- Charged to: All students at \$2.89 per credit hour taken.
- Exemptions: High School Concurrent Students
- Accounting: Credited to Auxiliary Fund Fitness Center Account used for Fitness Center Operations

Fee 06 – Technology Fee – \$5.17

- Charged to: All students at \$5.17 per credit hour taken.
- Exemptions: High School Concurrent Students
- Accounting: Credited to General Fund Student Fee revenue to support student technology service and equipment

PASS-THROUGH FEES

The following courses will be charged a materials fee per course, per semester:

Pass-through Materials Fee Table

| Fee Amount | Course(s) to be charged |
|-------------------|---|
| \$32.00 | MLT 1042 |
| \$35.00 | ART1002, ART 1003, ART 1201, ART 1205, ART 2011, and ART 2012 |
| \$50.00 | NUR 1069 |
| \$90.00 | MLT 1031 |
| \$100.00 | CON 1010, NUR 1012 and NUR 1050 |
| \$125.00 | NUR 2006 and NUR 2016 |
| \$150.00 | NUR 2003 and MLT 2041 |
| \$160.00 | MLT 2031 |
| \$175.00 | NUR 1006 |
| \$180.00 | MLT 1032 |
| \$190.00 | NUA 1001, EMS 1025, EMS 2003, and NUR 1009 |
| \$280.00 | MLT 1041 |
| \$300.00 | MLT 2042 |

The following courses will be charged a lab fee per course, per semester:

Pass-through Lab Fee Table

| Fee Amount | Course(s) to be charged |
|-------------------|--|
| \$50.00 | CAR 1015 |
| \$100.00 | NUR 2003, NUR 2016, CON 1058, CON 1062, and CON 1066 |

| | |
|----------|---|
| \$130.00 | WEL 1001, WEL 1003, WEL 1007-1010, WEL 1045, WEL 2001-2002, WEL 2004, WEL 2030-2031, WEL 2089, and WEL 2050 |
| \$145.00 | WEL 1024 and WEL 2024 |
| \$175.00 | NUR 1006, NUR 1009, NUR 1050, and NUR 2006 |

The following courses will be charged a miscellaneous fee per course, per semester:

Pass-through Miscellaneous Fee Table

| Fee Amount | Fee Type | Course(s) to be charged |
|------------|--------------------------------|--|
| TBD | Malpractice Insurance | BAR 1020, COS 1020, EMS 1070, EMS 1071, EST 1010, MLT 1031, MLT 1041, NAT 1010, NUA 1070, NUR 1006, NUR 1009, NUR 1050, NUR 1069, NUR 2003, NUR 2006, and NUR 2016 |
| \$59.00 | OSHA Course Cost | CON 1057 |
| \$59.00 | Lead & Asbestos OSHA Cost | CON 1057 |
| \$275.00 | Student Tool Kit | CON 1057 |
| \$394.00 | Digital Classroom Access | EMS 1021 and EMS 1031 |
| \$50.00 | Academy Binders/Study Supplies | LEA 1001 |
| \$142.00 | Single Source Books | LEA 1001 |
| \$150.00 | POST Certification Test Fee | LEA 1001 |
| \$300.00 | Academy Uniforms | LEA 1001 |
| \$150.00 | Taser and OC Supplies | LEA 1002 |
| \$200.00 | Tactical Combat Care Kit | LEA 1002 |
| \$350.00 | Driving Range Fees/Tires | LEA 1007 |
| \$200.00 | Firearms Range Fees/Supplies | LEA 1008 |
| \$500.00 | 2000 Rounds of Ammunition | LEA 1008 |
| \$82.50 | Clinical Supplies | NUA 1070 |
| \$170.00 | Testing Fee | NUA 1070 |
| \$59.00 | OSHA Course Cost | WEL 1000 |

Students enrolled in the CON and WEL programs will assess a \$20.00 NCCER Subscription fee once per year.

International students are assessed a \$157.00 International Student Transport Fee.

Graduation Cap/Gown Fee – \$80.00

Please visit <https://otero.edu/pay-for-college/tuition-fees/> to see our full list of fees.

Payment of Tuition & Fees

Students who owe a balance from a prior term or who are financially obligated to Otero – whether through a third-party promise-to-pay, outstanding deferred payment, or failure to account for college property in their possession (including library materials) – will not be allowed to register for subsequent terms and will not be issued an official transcript or diploma until the balance owed is paid in full and all obligations satisfied.

Students may pay all or part of their tuition and fees during early registration or may settle their account on the first day of classes. The total balance of all tuition, fees, room, board, and other current charges is due no later than 5:00 p.m. on the 12th class day of the term to which the charges apply.

Balance due is computed by subtracting all confirmed student financial aid grants and scholarships from current charges. The remainder is what must be paid by the twelfth day of the term. If a third-party sponsor arrangement (such as an employer or government agency) is to pay all or a portion of the charges, students will need to provide the college cashier with written evidence of this agreement in order to have the amount deducted from the balance due. Parents or family are not considered third-party sponsors.

Satisfying financial obligations is the final step in the registration process. Students may be administratively dropped from all classes for non-payment of their account.

REFUND/REPAYMENT POLICY

The first 12 class days of each semester are considered the drop/add period, when students may adjust their class schedules without penalty. If a student officially drops classes by completing the required forms in the Office of Student Affairs before 5:00 p.m. of the 12th class day, full refund of tuition and fees shall be made for the dropped classes except for the non-refundable registration processing fee. The unused portion of room and board charges will also be refunded. However, if a student withdraws after the 12th day, the student will be charged full tuition and fees and the pro-rated amount for room and meals through the day of withdrawal.

FINANCIAL AID REPAYMENT

If a student does not attend even one class (a “no show”), all financial aid awards to that student will be canceled and repaid to the funding source.

If a student withdraws, drops out, or is expelled within the first 12 class days, that student is treated, for refund/repayment purposes, the same as a “no show.” No Title IV financial aid money is disbursed, the award is canceled, and funds are returned to the funding source.

Financial aid awards are not disbursed to student accounts until after the 12th day of class. After the 12th day, the student will receive 100 percent of the financial aid earned, to be applied first against any balance due to the college, with any additional amount being disbursed to the student to meet past, current, and future living expenses.

Financial aid eligibility will be recalculated, and amount of refund or repayment will be determined by the Financial Aid Office for students who withdraw, drop out, or take a leave of absence after the 12th day of class and prior to completing 60 percent of the term. Disbursement checks will be made to the student within a reasonable time after the 12th day. For more information, contact the Financial Aid Office at 719-384-6834.

SENIOR CITIZEN SCHOLARSHIPS

Senior Citizens are classified as individuals over the age of 60 at the time a class begins. These students may enroll in courses and receive a \$50 per credit hour scholarship. Scholarships are limited to six (6) credit hours per academic year. Scholarships will only be given if the course has room to accommodate extra students on a space available basis. Enrollees must also qualify for the COF stipend and utilize those funds for courses. Weight Training and other PED courses are not eligible for this discount.

Choir and Aerobics are “performance-based courses” and the only courses for which qualified senior citizens may enroll in multiple times and receive the Senior Citizen Scholarship. Registration for all credit classes is handled through the Otero Student Affairs office.

Senior Citizens also have the opportunity to enroll in health and wellness programs offered through the Healthways SilverSneakers Fitness program. These are no-cost programs offered to seniors through their Medicare healthcare provider.

*See the Affiliated College Programs section of this catalog for more details.

Living Accommodations and Expenses

Residence Hall – All single freshman students under 21 years of age who do not live with their parents or relatives while attending Otero College are required to live in Otero Housing. Residents must be 17 years of age at the beginning of the year under contract. The college president may grant a waiver of the minimum age based on extenuating circumstances unique to the role and mission of community colleges.

Students over 21 years of age may live in Otero campus housing based on special program needs, availability, and suitability as determined by the college president.

All students living in the campus housing are required to be enrolled full-time (12 credit hours or more). Additionally, students residing in campus housing are required to purchase one of the provided meal plans in the college cafeteria. Charges are computed on a cost basis and are subject to change whenever costs change.

If students leave during the first six weeks of any semester, the unused portion of the room and board charges will be refunded. After six weeks, there will be no refund for room and board.

HOUSING OPTIONS AT OTERO

Housing options at Otero include three separate facilities. Wunsch Hall is located just a few yards from the Student Center and Food Court. Wunsch Hall is a multi-story complex with a men's wing and a women's wing. The rooms are set up to be double occupancy with central restroom and shower facilities on each floor. The facility has a central lobby and game room. The E.J. Conley Residence Complex is located directly across the street from the Student Center and features double occupancy single floor units that share a bathroom with the adjoining suite. The South Site housing facility is leased by Otero from the City of La Junta. It is located 1.5 miles south of the campus on San Juan Avenue. These units are single floor, double occupancy with a bathroom that is shared with the adjoining suite.

OTHER HOUSING OPTIONS

Private Homes – Sophomore students and/or students over 21 years of age may choose to rent a room in a private home.

OTHER COSTS

Printing – Otero College utilizes a software product called PaperCut, to monitor printer and paper usage. At the beginning of each semester, all students will be allotted a \$25.00 allowance printing privilege which equates to 250 pages of printing at 10 cents a page. Should the student find they need to print more than the maximum of 250 pages, they will be required to purchase PaperCut Print Cards at Student Affairs. PaperCut Print Cards are valued at \$10.00 each for 100 pages of printing, are non-refundable, and will expire at the end of each semester. Students will be responsible for monitoring their individual printing privileges and managing their own accounts. Additional information on PaperCut can be found at [Library & Learning Commons - Otero College](#) or visit the Otero Office of Student Affairs.

Student Affairs

Admission

HOW TO APPLY

Otero's admission policy reflects a belief that everyone should be given the opportunity to engage in appropriate courses.

Students at least 16 years of age will in most cases be automatically admitted to Otero. Students who do not meet these requirements must first take a test to demonstrate their ability to benefit from college work.

Admission to the college does not assure that students will be admitted to the program they choose. Some instructional programs are limited to a certain number of students each semester. The college has established a priority system to assure that program applicants will be selected impartially.

New Students

Students should first submit an Application for Admission which is available online at www.otero.edu and then click on Apply, located at the top of the page. Applying early improves choices and makes entry into college smoother.

Re-admit Students

Students are required to re-submit an application for admission if enrollment at the college is interrupted for two or more semesters (including the summer term). Students may submit their application for admission online at www.otero.edu by clicking on Apply at the top of the page.

Pre-College Program and Orientation

Pre-college program students are encouraged to attend an orientation session prior to enrollment. Orientation provides general information on topics such as registration, advising, financial aid, support services, and campus activities; a campus tour is included.

Immunization

Colorado law requires first-time college students to provide proof of adequate immunization against measles. If born on or after January 1, 1957, or if living in the residence hall, students need to submit proof of two MMR shots (measles, mumps, rubella), one given on or after the first birthday and a second dose 30 days later. If the second measles dose came before July 1, 1992, the second mumps and rubella may be waived. In addition, all students living in campus housing must receive the Meningococcal (meningitis) vaccine or sign a waiver against it. Students should contact Student Services for more information.

Services for Students with Disabilities

If you have a disability and feel that you may benefit from accommodation while attending Otero College, please contact Accessibility Services at otero-accessibility@otero.edu or you can call (719) 384 6963 to set up an intake appointment. Accessibility Services is a free service that is here to support you in all your educational endeavors and help promote your independence and self-advocacy.

Accessibility Services strives to provide a supportive, accessible, non-discriminatory learning and working environment for students, faculty, staff, and visitors with disabilities. The vision of Accessibility Services is that individuals with disabilities have full access to education, services, events, and activities Otero College has to offer.

Transfer Students

Students wanting to transfer to Otero should have their previous official college transcript sent to the Otero Registrar (otero-admissions@otero.edu) as soon as possible. Unofficial transcripts are not accepted, and an official transcript must come directly from all colleges attended. Once an evaluation has taken place, the students will be sent an evaluation of the credits that are transferable to Otero. This process usually takes three weeks. Transfer students should be aware of Otero College policy information.

Only Otero College coursework will be used in computing grade point averages for graduation and for any academic honors. Students must be in an Associate of Arts, Associate of Science, Associate of Applied Science, or an Associate of General Studies degree program. Transfer of academic credit to the college is governed by the following policies and procedures: Otero College may examine credits to ensure that the content is not outdated or obsolete; Otero College accepts credit from postsecondary institutions that are accredited by one of the approved six regional accrediting associations or by specified articulation agreements. Only grades of "C" or higher are eligible for transfer.

The following is the Colorado transfer appeals process. Contact the Vice President of Student Affairs if you have any questions.

Transfer dispute appeals process for Colorado public colleges and universities

1. Otero College shall adhere to the Colorado Commission on Higher Education policy and general procedures for solution of transfer disputes.
2. Students must file an appeal within 15 days of receiving their transcript evaluation by writing to the Registrar at the receiving institution. The decisions made in the transcript review will be binding if the student fails to file a complaint within this time. Upon receipt of the student's written appeal, the receiving institution will have 15 days to respond in writing to the student.

3. If the dispute cannot be resolved between the student and the staff of the receiving institution, the student may appeal in writing to the sending institution. The campus presidents from the sending and receiving institution will attempt to resolve the dispute within 30 days from the receipt by the sending institution of the student appeal. Agreement between the sending and receiving institution will constitute a final and binding decision which the receiving institution will communicate to the student.

Current High School Students/Post Secondary Options Act Students

The Post Secondary Options Act allows current students at Colorado high schools to enroll in courses offered by Otero. These courses will appear on an Otero transcript and credit for courses successfully completed may be applied toward a certificate or degree at Otero. High school students must complete an application for admission, provide an immunization record and complete the appropriate registration form. These forms are available from the Office of Student Affairs or from your local high school counselor. High school students are not eligible for financial aid.

For more information contact your high school counselor or call Otero Student Services at 719-384-6800.

INTERNATIONAL STUDENTS

International students will have a quality experience at Otero College. Students from other cultures enrich learning and campus life for everyone. The College is authorized under federal law to enroll non-immigrant students with current visas. These students are classified as international students and will pay the published non-resident student tuition rate.

An international student is any non-immigrant individual in the United States for the purpose of study at an American college or university. The student will hold an F, J or M non-immigrant visa. The term – international student – includes only those on an F-1, M-1 or J-1 student category, visa. International students must follow the general policies of the institution established for all students; however, some specific policies reflect rules and regulations of the USCIS (U.S. Customs & Immigration Services).

International Student Application Packet Forms

Applicants who wish to be admitted as international students (as defined above) must submit the following documents in order to complete the application process. The application requirements can be downloaded from the website at <https://otero.edu/international/checklist/>. Application materials and questions should be directed to otero-international@otero.edu.

Items to be submitted to receive paperwork to apply for a student visa:

1. Apply online at <https://otero.edu/international/checklist/>
- 2.

- i. Copy of the identification page of the student passport.
 - ii. Official secondary school record indicating date of graduation, courses taken, and grades earned with the official seal of the institution issuing the documents; with translation if the transcripts are in a language other than English.
 - iii. TOEFL score of 450 PBT or better; IELTS score of 5 or better or a Duolingo score of 75 or better. Native English speakers' secondary school records will be used to verify that English was the primary language of instruction at your secondary school.
3. Supporting documents to show proof of available funds to support the full cost of attendance for one year at Otero College. This amount for the 2024/25 school year is \$21,500 to be included with one of the forms listed below:
- i. An official financial statement bearing a bank's seal or other notarized document showing adequate resources to support the applicant's needs for a period of one year is needed.
 - ii. OR, an affidavit of support form signed and notarized for financial resources other than student's personal funds or governmental scholarship.
4. Transfer Request (for students transferring from U.S. based institutions ONLY). An email should be sent to otero-international@otero.edu to request that the SEVIS transfer process be initiated. The student should send an email to the school where they are transferring from to the director of international relations at Otero College at otero-international@otero.edu. Upon acceptance students will need to submit the following:
- 1) Copy of the student's immunization record and English translation if not in English
 - 2) Housing Application completed at <https://otero.edu/become-a-student/living-on-campus/> with a \$200.00 deposit if you are planning to live on campus
 - 3) Students will be required to complete course placement prior to registering for courses.

Requirements to maintain status include:

- 1) Maintaining enrollment of at least 15 credit hours (a maximum of 1 online course may be used per semester to qualify/maintain F-1/M-1 student status) as per USCIS guidelines. Thirty (30) credits must be completed each academic year. If

international students choose to take courses over the summer to reach the required 30 credits, this is allowable.

- 2) Make progress toward the completion of the student's educational objectives within a reasonable period of time.
- 3) Pay balance on the student's Otero account at time of registration or by the deadline established by the Business Office.
- 4) All international students at Otero College are required to purchase the insurance policy offered through the contract with Otero College and the insurance provider. The cost of the insurance premium will be added to the student's bill each semester.
- 5) Non-compliance with any USCIS guidelines will result in probation or suspension.

For more information contact Director of International Programs:
719-384-6805 or email otero-international@otero.edu

College Level Course Placement

The Testing Center is located in McBride Hall Student Services Center. The phone number is: 719-384-6938, FAX: 719-384-6933.

Assessment Test

Otero College uses multiple measures to direct students into appropriate English and Mathematics courses and to advise students in the selection of other courses. You may be required to complete an assessment, please check with your academic advisor or call Student Services at 719-384-6831, for more information regarding course placement.

Students may be exempt from one or more of the tests if they meet one of the following criteria:

1. Submit transcripts showing the successful completion ("C" or better or its equivalent) in a college-level course in English and/or math from another institution.
2. (High School) Submit minimum ACT scores of 17 in reading, 18 in English, and 23 in math, or SAT scores of 470 in verbal and 590 in math.
3. (High School) For math placement, submit high school transcripts, with grades of B or higher – completed within the last 12 months – for Algebra II, Geometry, or Pre-Calculus, and an unweighted cumulative GPA of 3.0 or higher.

4. (High School) For English placement, submit high school transcripts, with grades of B or higher – completed within the last 2 years – for junior or senior year English, and an unweighted cumulative GPA of 3.0 or higher.

NOTE: Students must submit copies of their college transcript, high school transcript or ACT or SAT test scores to Otero College Student Services to receive an exemption from taking all or part of the assessment test.

To complete the assessment at a location other than Otero, out of state, or out of the country, students will need to contact the Otero Testing Center at 719-384-6938 and request a remote testing voucher.

Advising & Registration

ADVISING

Academic advising is recommended for all students. Through advising, students will learn which courses must be completed to achieve their educational goals. Advisors will use program requirements and information published in the current college catalog. Problems concerning course load or proper choice of courses should be discussed with Student Affairs.

When admitted, students will select an academic advising area. The area selected should be part of a degree or program objective. Advisors must review and approve programs before processing registration.

Credit for Prior Learning – Students can earn credit for prior learning through:

1. Standardized Exams: CLEP, AP, IB, DSST/DLPT, and UExcel Examinations
2. Institutional Challenge Exams
3. Local Industry and Workplace Credit: Faculty evaluate training in local business and industry to identify PLA opportunities for workers seeking higher level degrees or certification.
4. Portfolio Assessment: A compilation of verifiable artifacts and evidence that demonstrate the student's mastery of CCNS course competencies. This evidence may include any of the other PLA Credit methods, individual skills demonstrations, and/or narratives documenting learning.
5. To learn more about Credit for Prior Learning, please contact Student Services at 719-384-6948.

Registration

Will be completed after meeting with an academic advisor and submitting all required documents. The student under the guidance of their academic advisor registers themselves

using the Navigate platform. Students can register through the first week of classes of the new semester; however, class selection is limited at that time.

RESIDENCY CLASSIFICATION

Resident and Non-resident

For tuition purposes, students must be classified as either in-state or out-of-state when they are admitted. Classification for tuition purposes at state-supported colleges and universities is governed by Colorado statute. Before being entitled to in-state tuition, students must be domiciled in Colorado and fulfill specific citizen responsibilities for one full calendar year prior to registration. Those requirements state that a student 23 years of age and younger be required to provide proof of emancipation from their parents. Parents need to have entirely surrendered the right to their care, custody and earnings and make no provisions for their support. Emancipated minors who have been granted in-state tuition status are subject to reclassification as out-of-state if their parents resume support.

Students classified “non-resident” pay a higher tuition charge than those classified “resident.” However, students classified as non-residents who believe that they can qualify as residents may obtain a petition for In-State Tuition Classification and a copy of the Colorado statute from the Office of Student Affairs. Students must submit the petition plus required supporting documents to the Office of Student Affairs by the first day of classes for the term they wish to be considered for in-state status. Be aware that turning in a petition does not guarantee that residency status will be changed. If the petition is denied and students do not drop classes by the deadline, they must still pay the tuition and fees charged for nonresidents.

To challenge the ruling on the petition, students may appeal to the Tuition Classification Review Committee. Contact the Office of Student Affairs staff for more information. To access Colorado’s complete statute on residency qualifications, go to:

<http://highered.colorado.gov/Finance/Residency/qualified.html>

Residents of Alaska, California, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Wyoming, Arizona, and Washington qualify for a special tuition rate. States available for this rate may change each year. Check with the Vice President of Student Affairs for a current listing of states participating in the program. Contact the Office of Student Affairs at 719-384-6831 for additional information.

Colorado ASSET Students

Classification as a Colorado ASSET student allows eligible students without documentation to pay in-state tuition, rather than out-of state tuition, as well as receive the Colorado Opportunity Fund stipend at Otero College.

Requirements for ASSET status students:

1. Have attended high school for three years immediately before graduating from a Colorado high school

2. Be admitted to a participating college within 12 months of graduating from a Colorado high school
3. If the student is not legally present in the U.S., they must sign an affidavit saying they are currently seeking or will seek legal status as soon as they are eligible.

Deferred Action for Childhood Arrivals (DACA) Students

Classification as a Deferred Action for Childhood Arrivals (DACA) student allows eligible students without documentation to pay in-state tuition, rather than out-of-state tuition, as well as receive the Colorado Opportunity Fund stipend at Otero College.

Requirements for DACA status students:

1. Have graduated from a Colorado high school or have taken the GED in Colorado prior to September 1, 2013
2. Were not accepted or attending college within 12 months of graduation
3. Documented 18 months of being physically present in Colorado on a continuous basis
4. Provide at least two of the following documents:
 - If under the age of 23 and single, submit a copy of your parent's lease, rental agreement, or deed to their home where you reside in Colorado.
 - Submit proof of employment such as a letter from an employer with dates of employment or submit two years of Colorado income taxes being filed
 - Submit a copy of your Employment Authorization Card
 - Submit a copy of your Colorado ID or Colorado driver's licenses for the past 18 months

For assistance with tuition classification, please contact the Otero Financial Aid Office: 719-384-6834.

More information on ASSET or DACA student classifications can be found at:
www.ciccoloradoasset.org

Other Information

Course Load

The average course load for students is 15 semester hours. To be considered full-time, students must be enrolled in a minimum of 12 semester hours. Students will not be allowed to take in excess of 18 semester hours unless they obtain permission, or the curriculum chosen requires more hours. Students may be advised to take fewer hours than a curriculum requires which could extend the number of semesters of attendance. Permission to take more than the maximum 18 semester hours allowed must be obtained from the Vice President of Student Affairs.

Active-Duty Military

Active-duty military personnel (and their dependents) whose permanent change of duty station is Colorado may qualify to pay in-state tuition by submitting written certification through their assigned base/ post Education Services Office.

Classification of Students

Students are classified according to the number of credit hours completed. Freshmen are those who have completed from 0-29 credit hours; sophomores are students who have completed 30 or more credit hours. Students who carry a class load of less than 12 semester hours are classified as part-time.

Adding/Dropping Classes

After the first five days of classes, all courses added must be approved by the instructor of each course added. Students may officially drop classes during the first 12 class days of the term. Failure to officially drop by the deadline does not negate any financial obligation. Students wishing to drop or add a course or withdraw from college must secure necessary forms from Student Services Center.

Administrative Withdrawals

The college reserves the right to withdraw students from classes at any time during any given semester. Generally, these withdrawals are initiated as a result of non-attendance of classes, nonpayment of tuition, or disciplinary problems. Such withdrawals do not negate any financial obligation on the part of the student.

Withdrawal from College

If a student withdraws from a course any time after the 12th class day until the end of the 12th week of the semester, the grade of "W" will be recorded on the student's permanent record. A student who withdraws from the college before the end of the semester must obtain a withdrawal form from Student Services Center. Leaving school before financial obligations are cleared will cause the withholding of all credit earned at the college. Students attending college under the GI Bill® (GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs) are required to notify the VA certifying official in Student Services Center and the Veterans Administration whenever there is a change in training status.

Records and Transcript of Credits

All grades reported to Student Affairs by instructors are entered upon permanent records. These grades will be changed only in the case of a grading or reporting error by the instructor. Grades and transcripts may be withheld in cases where the student has an indebtedness to the college. To protect the confidentiality of records, no transcript will be released without the student's written or electronic request. One week is customary for the processing and mailing of all transcript requests. The educational record maintained in Student Services Center usually contains the courses completed and grades earned, admissions application, previous

educational record (high school or college transcript), health form, and an A.C.T. and/or S.A.T. score report if submitted.

Repetition of Courses

Students may repeat any course at Otero. Duplicate credit will not be granted; only the highest grade and quality points earned when the course is repeated will be counted in the cumulative grade point average. Although repeating a course helps a grade point average, some four-year colleges average all courses attempted whether courses have been repeated or not. It is the responsibility of students to advise Student Affairs in writing when a course is repeated.

Student E-mail

All students are automatically issued a college student e-mail address once the student has enrolled. This address will be the preferred e-mail address inside the Banner system. Any existing personal student e-mails will remain in the Banner system but will no longer be the preferred account. Students will have the ability to forward e-mail from the college-issued account to their personal account. It is very important that students go to **www.otero.edu** to activate their e-mail account. Once on Otero's home page, students should click on "My Otero" located in the upper right corner of the homepage. When the site opens, students enter their student number and password to log on. Instructions to activate the e-mail account can be found on the homepage. This e-mail address is the address that will be used for official correspondence from the college.

Public Information and Student Record Security

Under the Family Educational Rights and Privacy Act of 1974, the information in student files may only be released under specific conditions. Current or former students of Otero College have complete access to their records and may view them upon request at the Office of Student Affairs. If records contain errors, appeals in writing must be submitted to the Vice President of Student Affairs.

The following is considered public information and may appear in college directories, publications, and news releases, or be disclosed to anyone inquiring:

- name • major field of study • dates of attendance • participation in officially recognized activities and sports • weight and height of athletic team members • degrees and awards received

Students may withhold disclosure of public information by filing a written request with Student Services. All other information in student records is considered private and not open to the public without written student consent. Only the following individuals, because of their official function, have access to this information:

Otero College officials; state or federal education authorities; officials evaluating application for financial aid; state and local officials requesting reporting data; organizations conducting studies for educational institutions or agencies; accrediting organizations; parents of dependent students (proof of dependency required); and Veterans Administration staff.

In case of judicial orders or emergencies in which information is needed to protect student safety, health, welfare or that of others, Otero may also release information without consent. To review the full Family Education Rights and Privacy Act of 1974, go to:

<https://www.otero.edu/about/policies-procedures/>

Guaranteed Transfer Courses and the 60 + 60 Agreement

For the AA/AS degree, the State Guaranteed General Education Transfer Courses and the Colorado Community College General Education Requirements have been incorporated into the degree.

Completion of the AA/AS degree with a grade of “C” or better in every course guarantees that the student can transfer to any Colorado public 4-year institution AND complete a liberal arts or science baccalaureate degree with an additional 60 credits taken at the 4-year institution.

NOTE: Variations to this guarantee apply to Degrees with Designation. See the descriptions of these special degrees in the Degree Program section of this catalog.

The Colorado Community College system has a communication requirement of either COM 1150 – Public Speaking or COM 1250 – Interpersonal Communication.

Students should understand that a “D” grade may fulfill Otero’s graduation requirements as an academic elective but will negate the guarantee of the 60 + 60 transfer degree. Students should also understand that any Credit for Prior Learning, Advanced Placement, correspondence courses, CLEP, any credits transferred in from another college, or tested only courses, may not apply to the guaranteed 60 + 60 transfer degree.

Grading & Scholastic Standards

| Grading Symbols | |
|------------------------|--|
| A | Distinguished achievement for superior work |
| B | Better than acceptable achievement |
| C | Acceptable achievement for advancement in the same or related studies |
| D | Less than acceptable achievement for advancement in the same or related studies (credit may not transfer or count toward some degrees or certificates) |
| F | Fail: Equivalent to a grade of D or F and is available only for certain pre-designated courses. “F” grades will count in attempted and earned credits and will be included in GPA calculations. A request for the P/F option must be submitted to the Student Records office prior to the course census date. The P/F option may not be appropriate for all courses. |

| | |
|----------------------|--|
| AU | Audit: If you want to take a course without earning credit you can register to audit that course. You must pay full tuition and fees, and you will not receive the COF stipend for the course. You must declare your intention to audit no later than the course's tuition refund date. Once you have registered to audit a course, you cannot change your registration from auditing to earning credit for the course. The college will not award credit for any audited course. |
| W | Withdrawal: Student was withdrawn at their request after drop deadline, but prior to withdrawal deadline. |
| WX | Student was administratively withdrawn through appeal, no fault, etc. |
| WD | Student was administratively withdrawn for cause. |
| I | Incomplete: If you are not able to complete the learning objectives before the end of a course because of verifiable extenuating circumstances, the instructor may request a grade of incomplete at the initiation of the student. Before you are eligible to receive an "I," you must have completed a minimum of 75% of the course work with a grade of "C (or higher). Before the end of the course, you are responsible for making arrangements with the instructor to complete an Incomplete Grade Contract. If you do not complete the course work by the agreed-upon deadline, the instructor will change the "I" grade to the letter grade stipulated in the contract. If no grade change is issued, the "I" will be changed to the letter grade indicated on the incomplete contract. |
| P | Pass: Equivalent to a grade of "C" or higher and is available only for certain pre-designated courses. "P" grades will count in attempted and earned credits but will not be included in GPA calculations. |
| F | Fail: Equivalent to a grade of "D" or "F" and is available only for certain pre-designated courses. "G" grades will count in attempted and earned credits and will be included in GPA calculations. |
| P/A, P/B, P/C | These are satisfactory grades awarded only for developmental courses. The "A," "B," and "C" indicate the level of satisfactory performance. These grades are not included in the GPA calculation. The course will not count for attempted and earned credits. |
| F/D, F/F | These are unsatisfactory grades awarded only for developmental courses. The "D" and "F" indicated the level of unsatisfactory performance. These grades are not included in the GPA calculation. The course will not count in attempted credits and will not carry earned credits. |
| I/F | Incomplete for developmental courses. |
| Z | Placeholder: Grade not yet reported. If no grade is issued, this placeholder will be changed to an "F" grade at the end of the next full semester. |
| Place Holder | |

| | |
|---|------------------------|
| SP | Satisfactory Progress |
| Z | Grade not yet reported |
| R | Repeat Field |
| Only A's, B's, C's, D's, and F are used to calculate grade-point averages. | |

Grade Reports

Final grades will be posted to the student's My Otero site at www.otero.edu about a week after classes end. Grades are not mailed to students.

Auditing Courses

Students must elect to audit a course within the first 12 class days of a term. Instructors must be notified of the intent to audit within this time limit, and this is indicated on the official class roster. Once a final grade of "AU" is officially reported by the instructor, the grade cannot be changed. Tuition for auditing is the same as it is for taking the course for credit, but audits are not eligible for use of College Opportunity Funds (COF).

Incomplete Grades

Incomplete ("I") grades must be completed the semester immediately following the term the "I" was assigned, excluding summer term. "I" grades did not complete the following term will be converted to an "F."

President's List

Students enrolled in 12 or more semester graded credit hours and earn a 4.0 grade point average are eligible for the President's List. Students who receive a grade of F, I, or U will be ineligible for the President's List.

Vice President's List

Students enrolled in 12 or more semester graded credit hours and earn between a 3.75 and 3.99 grade point average are eligible for the Vice President's List. Students who receive a grade of F, I, or U will be ineligible for the Vice President's List.

Institutional Recognition List

Students enrolled in 12 or more semester graded credit hours and earn between a 3.50 and 3.749 grade point average are eligible for the Institutional Recognition List. Students who receive a grade of F, I, or U will be ineligible for the Institutional Recognition List.

Part-Time Students Honors List

Students enrolled in six to eleven semester graded credit hours and earn a 3.50 to 4.00 grade point average are eligible for the Part-Time Students Honors List. Students who receive a grade of F, I, or U will be ineligible for the Part-Time Students Honors List.

Permanent Record (Transcript)

All grades submitted to the records office by the instructor are entered upon permanent student records and will only be changed in case of an instructor reporting an error.

Academic Standing Policy

Applies to all students who have attempted 9 or more credits at a CCCS college, regardless of the number of term credits they attempt from that point forward. Academic Standing is determined following the posting of the majority of term grades for each semester. Students placed on probation or suspended will be notified of their status. Suspended students will not be allowed to attend any CCCS college in the subsequent semester(s) unless an appeal is approved. Academic Standing status will be noted on the advising, official, and unofficial transcripts. The Academic Standing of a student is not specific or limited to the home institution; it does impact a student's enrollment at other CCCS colleges.

Only college level classes will be used to calculate term and cumulative GPA's. This includes summer term courses. Only courses taken "in residence" will be used for this procedure; "In residence" means taken at the student's home institution. Courses taken elsewhere and transferred in do does not apply.

The GPA calculations for this procedure may not match those used for financial aid purposes or athletic eligibility.

Cumulative Grade Point Average is abbreviated as CGPA. Term Grade Point Average is abbreviated as TGPA.

Initial Standing Student – has attempted fewer than 9 cumulative credit hours with a CGPA => 2.00 for all classes attempted.

Academic Alert Student – has attempted fewer than cumulative 9 credits with a CGPA < 2.00 for all classes attempted.

Good Standing Student – has attempted at least 9 cumulative credit hours and has a CGPA => 2.00 for all classes attempted.

Probation Student – has attempted at least 9 cumulative credit hours and has a CGPA < 2.00 for all classes attempted.

Returning to Good Standing By the conclusion of the Academic Probation term, the student must raise their CGPA to at least 2.0. If this condition is met, the student returns to Good Standing.

Probation (Continuing) – If a student on Academic Probation earns a TGPA of at least 2.00 for all classes attempted during the term but fails to raise their CGPA to at least 2.0 for all classes

attempted, the student will be allowed to attend the next term but will remain on Academic Probation.

Suspension – If a student on Academic Probation earns a TGPA of less than 2.0 for all classes attempted, the student will be suspended and will not be allowed to enroll at any CCCS college for the next term, excluding summer term (as summer term may not be used as a “suspension term”).

SUSPENSION RULES:

- Summer term may not be used as a “suspension term.”
- Summer term may be used to remediate (improve) the GPA. If a student wishes to enroll for summer term after being suspended, they will need to follow their home institution’s process.
- Initial suspension is for one term, excluding summer term.
- A second suspension is for two terms, excluding summer term.
- If a student who has served the suspension time for initial suspension or second suspension wishes to return, the student will be allowed to re-enroll only after meeting with an academic advisor at the CCCS college that the student wishes to attend. The student will be placed on Academic Probation.
- A third suspension is for two full years, or 4 academic terms excluding summers.
- If a student, who has served the third suspension time of two years, wishes to return, the student must meet with an advisor from the CCCS college the student wishes to attend in order to get their suspension hold removed.

Suspension Appeals:

- Students may appeal their suspension based on procedures developed by their home college or the CCCS college they wish to attend. At a maximum, students may appeal to their home college and to one other CCCS college of their choice.
- If the student’s suspension appeal is approved, the student will be placed on Academic Probation.
- If the student’s suspension appeal is not approved, the student may be dropped from all courses registered for in upcoming terms at their home college. Students are ultimately responsible for their enrollment and need to check their enrollment schedule for accuracy.
- The student needs to check with their home college regarding enrolling for summer term classes.

Credit Completion Progress Policy

For students who have attempted fewer than 9 credit hours, the college will monitor credit completion through an alert process. These students are not subject to the Credit Completion Progress guideline.

Credit Completion Progress standards apply to all students who have attempted 9 or more credits at a CCCS college, regardless of the number of term credits they attempt from that

point forward. Credit Completion Progress is determined following the posting of the majority of term grades for each semester. Students placed on warning 1, warning 2 or warning 3 will be notified of their status. Credit Completion Progress status will be noted on the advising and unofficial transcripts only.

It will not be noted on the official transcript. The Credit Completion Progress status of a student is specific to the home institution and does not impact a student's enrollment at other CCCS colleges.

Credit Completion Progress: Will include all credit bearing classes (developmental and college level) and will be used to calculate the percentage of attempted credits passed. This includes summer term courses. Only courses taken "in residence" will be used for this calculation; "In residence" means taken at the students home institution. Courses taken elsewhere and transferred in do does not apply. The credit completion rate for this procedure will not necessarily match those used for financial aid purposes or athletic eligibility.

Grades considered to be passing when computing the percentage of attempted credits passed are as follows:

A, B, C, D, P/A, P/B, P/C, and P.

Grades considered to be failing when computing the percent of attempted credits passed are as follows: I, F, P/D, P/F, W, and AW.

Course Completion Rate is calculated by dividing the total attempted credits by the number of credits successfully completed as per the definitions above.

Initial Standing – Student has attempted fewer than 9 cumulative credit hours will not be assessed for credit completion.

Good Standing – Student has attempted at least 9 cumulative credit hours and has a cumulative course completion rate of at least 50%.

Warning 1 – Student has attempted at least 9 cumulative credit hours and has a cumulative course completion rate of less than 50% for the first time. Students on Warning 1 will receive a communication regarding their credit completion status and will be given information on resources, best practices, etc.

Warning 2 – Student has attempted at least 9 cumulative credit hours and has a cumulative course completion rate of less than 50% for the second time. Students on Warning 2 will receive a communication regarding their credit completion status and will have a credit completion hold (which will impact registration) placed on their student account at their home college. The student will not be able to make any changes to their student account until they meet with an advisor.

If a student on Credit Completion Probation passes 50% or more of their attempted term

credits but fails to raise their cumulative completion rate to 50%, they will be allowed to continue the next term, but will remain on Credit Completion Warning.

Warning 3 – Student has attempted at least 9 cumulative credit hours and has a cumulative course completion rate of less than 50% for the third time. Students on Warning 3 will receive a communication regarding their credit completion status and will have a credit completion hold (which will impact registration) placed on their student account at their home college. The student will not be able to make any changes to their student account until they meet with an advisor. The college reserves the right to limit the number of credit hours that the student may take when a student is on Warning 3 status.

Graduation

DEGREES & CERTIFICATES

Degree – Associate of Arts

The A.A. degree is awarded to students choosing to satisfy the general education requirements outlined in the Degree Programs section of this catalog and plan to transfer into a four-year institution.

Degree – Associate of Science

The A.S. degree is awarded when students satisfy the general education requirements outlined in the Degree Programs section of this catalog and plan to transfer into a four-year institution.

Degree – Associate of General Studies

The A.G.S. degree is awarded to students choosing to satisfy the degree requirements outlined in the Degree Programs section of this catalog.

Degree – Associate of Applied Science

The A.A.S. degree is awarded to students choosing a two-year occupational program designed for immediate employment.

Certificates

Several programs are offered that can be completed from one semester to two years. Students satisfactorily completing requirements in these programs receive certificates.

How to Apply for Graduation

During the semester immediately preceding program completion, an Application for Graduation must be filed with Student Services. Students are responsible for submitting this application by January 31st. Students must complete a minimum of 15 semester hours at Otero. Prospective graduates must also pay the cap, gown, and diploma fee.

Commencement

Graduation occurs immediately after the end of classes for spring semester. There is no fall graduation ceremony. Students meeting graduation requirements during any other semester of the academic year may participate in the commencement exercises or graduate in absentia.

All spring semester degree students are required to attend commencement exercises following spring semester.

Graduation with Honors

Students graduating with honors must have at least 30 credit hours at Otero. Only credits earned at Otero will be used for calculating academic honors. Students must be enrolled in an associate degree program to qualify for honors. Students with 4.00 grade point averages are graduated SUMMA CUM LAUDE. Students are graduated MAGNA CUM LAUDE if they have maintained a grade point average of 3.75 to 3.99 and CUM LAUDE with a grade point average of 3.50 to 3.74.

Note: Honors recognition at commencement are based on cumulative GPA through the fall semester.

Other Services

Food Court and Rattler's Den

The Otero College Food Court and Rattlers' Den is located in the Student Center and is operated by Sodexo Campus Services. During the academic school year, the cafeteria is open for three meals a day Monday through Friday and two meals on weekends. Students living in the dormitory are required to purchase a meal plan. Commuter students, faculty and staff may purchase meals a la carte or purchase a discount cash card that provides both convenience and savings. Campus guests may also purchase all you-can-eat buffet meal tickets.

The Venom Pit Coffee Shop

The Venom Pit Coffee Shop is located inside the Learning Commons and is operated by Sodexo Campus Services. Students and guests can purchase Starbucks beverages, FANS smoothies, bottled and canned beverages, freshly baked muffins and cookies, and a variety of salads and sandwiches.

Computer Use Policy

In support of its mission of teaching and community service, the Colorado Community College System (CCCS) provides access to computing and information resources for students, faculty and staff within institutional priorities and financial capabilities. The computer Use Procedure contains the governing philosophy for regulating faculty, student and staff use of the System's computing resources. It spells out the general principles regarding appropriate use of

equipment, software, networks, and data. In addition to this policy, all members of the CCCS community are also bound by local, state, and federal laws relating to copyrights, security, and other statutes regarding electronic media.

To protect themselves and the confidentiality of data, users are prohibited from disclosing their passwords to others.

The complete Computer Use Policy can be found at:

<http://www.cccs.edu/SBCCOE/Policies/SP/PDF/SP3-125c.pdf>

Emergency Information Alert System

The Otero Alert System consists of student and staff notification via email, phone, cell phone, and text messaging in the case of an emergency or notification of important information. An emergency message phone line is also maintained to inform students and staff of school closures or other important information. To access the number, dial: 719-384-6993.

Library Services

Wheeler Library, part of Otero's Learning Commons, offers students a full-service library. The library is open over 70 hours a week during the semester with many of the services available electronically through the website home page: www.libguides.otero.edu. A student ID card is required to borrow materials from Wheeler Library and needed to borrow electronic equipment.

Bookstore

All books or material required for courses are ordered through a virtual bookstore online site. Students can buy new or used books, rent books or purchase E-books from the virtual bookstore site. The books and materials will be delivered to the student's home or specific mailing address, including their Otero dorm address. The virtual books are accessed online at: ecampus.com or through the "Bookstore" link on Otero's website.

If a student intends to use financial aid for his or her books, that student must visit Otero's financial aid office for consultation and approval. Upon approval they will have access to their financial aid money on the virtual bookstore to pay for their books online.

MyOtero Portal

MyOtero Portal is a single sign-on portal which allows users to access the latest events, announcements, student records, financial information, email, classes, employment records, and forms, all in one easy and convenient location. MyOtero Portal serves students, faculty, and staff. The "MyOtero" link to access the portal is located on the website main menu (www.otero.edu). Students, faculty, and staff will need their Student ID number and unique password to sign on.

Online Registration and Student Record Information

Students can access MyOtero from the homepage of the Otero College website at www.otero.edu. From this site students can register, add, or drop classes, look up classes, view schedules, billing statements and withdrawal information. Students are also able to view holds, midterm grades, final grades, transcripts, and request an official transcript.

Student ID Cards

Student ID cards are available at Student Services Center for all enrolled students. The ID card is needed for checking out materials at Wheeler Library, accessing tutoring services through the Student Success Center, entry into student events on campus and using the Fitness Center. For students living on campus, the ID card serves as identification for food service. There is no charge for student ID cards. A \$10.00 fee will be charged to replace lost ID cards.

Tutor Services

Students can access tutorial services in the Learning Commons or in the Academic Success Center by appointment. For more information see the Instructional Services section of this catalog.

The Think Tank

The Think Tank is a designated quiet study space carefully designed to facilitate optimal concentration and productivity. Located in the former Math Lab in McBride 129, this space has been meticulously curated to ensure a distraction-free zone. Students can also find a collection of reference materials, stationary, and charging stations to make study sessions even more productive.

Financial Aid

Types of Financial Aid

Low tuition and fee rates and the absence of most residential fees keep the cost of attending Otero College to a minimum. Nevertheless, Otero College does operate an extensive financial aid program for students who find it impossible or difficult to enter or remain in college without some type of financial assistance.

Financial aid is awarded to students on the basis of need. In determining need in a consistent way for all aid candidates, Otero College requires all students and/or parents to submit the Free Application for Federal Student Aid (FAFSA). The Free Application for Federal Student Aid and information about financial aid may be obtained from high school guidance counselors or from the Otero Director of Financial Aid at 719-384-6834.

The FAFSA website is: <https://studentaid.gov>

Scholarships

Rattler Nation Merit Scholarships
Finish Strong Scholarship
First-Generation Scholarship
Private Donor Scholarships

Grants

Federal Pell Grant
Colorado Student Grant
Federal Supplemental Education Opportunity Grant
State Student Incentive Grant

Loans

Federal Stafford Student Loans (Subsidized and Unsubsidized)
Federal PLUS Loans (parents)
Sallie Mae (private lender)

Employment Opportunities

College Work-study Programs

Financial Aid Awards

AWARD DESCRIPTIONS

Rattler Nation Merit Scholarships

Scholarships for tuition are available to Colorado residents who enroll full-time at Otero the fall semester after graduating from high school. Students must maintain a 3.0 GPA, no matter which level of scholarship they received, in order to receive the scholarship in subsequent semesters. The different levels of scholarships are as follows:

- Rising Rattler: For students with a Cumulative High School GPA of 2.25 - 2.74
- Talented Rattler: For students with a Cumulative High School GPA of 2.75 - 3.24
- Renowned Rattler: For students with a Cumulative High School GPA of 3.25 - 3.74
- Presidential Rattler: For students with a Cumulative High School GPA of 3.75 - 4.0

These scholarships are also available to returning Otero sophomore students who have maintained at least a 3.00 cumulative GPA. Whichever scholarship the student received their first semester, is the scholarship they will continue to receive as long as they maintain a 3.0 GPA.

Students **MUST** submit their official high school transcripts to the Otero College Registrar no later than July 15th, and students **MUST** have completed an application to Otero College and have been accepted by July 15th to receive this scholarship. No scholarship application is necessary.

Finish Strong Scholarship

The Finish Strong Scholarship is available for graduating high school seniors from Otero, Crowley, and Bent counties. This scholarship will cover a student's tuition and fees after all other aid (except loans) has been applied to student's bill. Requirements include:

- At least 25 concurrent credits coming out of high school
- Full time enrollment status at Otero College (12+ credits)
- 2.0 high school GPA or better
- This scholarship can only be used for three consecutive semesters starting the summer or fall after high school graduation.
- Otero College must receive FAFSA and official high school transcripts by September 15th
- **Students must apply** through the Jotform on the scholarship page on Otero's website

First-Generation Scholarship

The First-generation scholarship is for first-generation college students (neither parent has earned a bachelor's degree or higher). First-time, or transfer students who attended another

college before Otero College enrollment, must have a 3.0 cumulative GPA. FAFSA must be received by September 15th, and student must be enrolled in at least 12 credits (full-time) at Otero. Renewable with a 3.0 cumulative GPA. There is a two-year limit on receiving this award. The First-Generation Scholarship is awarded to students upon their initial semester at Otero and may be combined with any other Otero scholarship. Students who qualify for this scholarship will receive \$425/semester, as long as they maintain the 3.0 cumulative GPA. Students may apply for this scholarship using the general application on Otero's website.

President's Leadership Program

The Otero College Foundation provides annual scholarships of \$1,000 to each selected scholar (\$500 for Fall Semester and \$500 for Spring Semester). This scholarship will be renewed for one more year if the scholar maintains a 3.2 college GPA and remains in good standing with the program and meets the year-two continuation eligibility requirements. Continuation of scholarship awards beyond the first two years will be contingent upon funding. Students must fill out the separate application located on the scholarship page on Otero's website.

International Student Scholarships

- **Jim Rizzuto International Scholarship**

- This scholarship is offered by Seth and Barbara Franzman for the benefit of a deserving second-year (sophomore) international student to assist with funds necessary to continue their education at Otero College, and to promote a positive international culture in the College community. The International student who is selected will need to write a Thank You letter to the Franzman family and will then be awarded \$2,000 for the year, \$1,000 each semester.

- **International Academic/Leadership Scholarship**

- Current Otero international students who have received the distinction of being on the President's List, have demonstrated leadership and have been active in community service can apply for this scholarship award of \$500 toward the following semester at Otero.

- **International Spirit Scholarship Application**

- Current Otero international students who have received the distinction of being on the Institutional Recognition Honors List, have been active in community service and have demonstrated and fostered opportunities to reach across cultural borders to promote international understanding can apply for this scholarship award of \$250 toward the following semester at Otero.

- **Student Life Scholarship**

- A \$1000 per semester tuition scholarship to students who select to live in Otero College on-campus housing and participate in Student Life activities and events.

Private Donor Scholarships

The Director of Financial Aid administers a number of scholarships established by individuals and organizations interested in Otero and its students. Eligibility for these awards varies according to the donor's wishes. Information concerning these awards is available from the Director of Financial Aid and is listed on the scholarship page of Otero's website.

Federal Pell Grant

These grants are designed to provide financial assistance to those who need it to attend post-high school educational institutions. The maximum award for the 2024-2025 academic year is \$7,395. Amount of the award is set each year by the U.S. Department of Education. Grants may be awarded to full-time and part-time students who are U.S. citizens, have completed the FAFSA, meet other federally mandated guidelines and are making satisfactory academic progress.

Federal Supplementary Education Opportunity Grants

One-year grants-in-aid, valued at \$100 to \$4,000 depending on the extent of documented need, are designed to assist students of exceptional financial need, who, for the lack of financial means of their own or of their families, would be unable to attend college. The Federal Supplemental Education Opportunity Grant may be renewed annually upon application, providing the recipient continues to meet eligibility requirements.

Colorado Student Grant

The Colorado Student Grant program is designed to assist needy students with educational expenses. To qualify, students must be residents of the State of Colorado and must demonstrate and document financial need by completing the FAFSA. Colorado Student Grants to out-of-state students are not available.

A portion of Colorado Student Grant funding may be awarded to students who do not have lawful immigration status but have resided and attended high school in the state for at least three years prior to graduating high school and have documented financial need. Students should apply for this aid using the Colorado Application for State Aid (CASFA), available online at [Colorado Application for State Financial Aid | Higher Education](#). Students who are eligible to complete a FAFSA application should not complete CASFA.

State Student Incentive Grant; currently Career Advance Colorado (CAC)

Career Advance Colorado is funded through House Bill 23-1246, which fully covers enrollment costs for training programs in sectors with significant workforce shortages.

Requirements

- Colorado residency or ASSET tuition classification
- FAFSA/ CASFA on file

- Completed FA application (including all verification requirements (regardless of TIV eligibility of the program))
- Good academic SAP standing

General Information

- No minimum enrollment level
- Prerequisites (not included on the program plan) will not be considered
- Eligible programs must be declared for the semester of award (secondary programs may be considered)
- No attestation required
- No high school students
- Can have a prior BA

Awarding Plan

- Offer award at standard component amount up to bill.
 - o Exclude loans and FWS from calculations.
 - o CAC is last dollar in. (Last dollar in before VA.)
- Disburse award for exact amount of T & F (minus COF*) + other costs up to bill. (T&F{minus COF} + Books/Supplies + Dorms - Fin. Aid = CAC Eligibility)
 - *Exceptions may be made to cover the COF portion if the student is not eligible for COF.

Federal Direct Student Loans

These loans are available to students who have demonstrated financial need. The loans are secured through the William D. Ford Federal Direct Loan Program.

Maximum loan amounts for Dependent (typically less than 24 years old) students are as follows:

- **Subsidized loans** - do not accrue interest as long as the student has not graduated and is enrolled in at least 6 credits
 - o Freshmen (completed 30 credits or less) may receive up to \$3,500/year
 - o Sophomores (completed 30 or more credits) may receive up to \$4,500/year
- **Unsubsidized loans** – start accruing interest right away regardless of graduation status or enrollment status
 - o Freshmen (completed 30 credits or less) may receive up to \$2,000/year in addition to subsidized loan
 - o Sophomores (completed 30 or more credits) may receive up to \$2,000/year in addition to subsidized loan

Maximum loan amounts for Independent (typically 24 years or older, although younger students experiencing unusual circumstances can be considered independent) students are as follows:

- **Subsidized loans** – do not accrue interest as long as the student has not graduated and is enrolled in at least 6 credits

- Freshmen (completed 30 credits or less) may receive up to \$3,500/year
- Sophomores (completed 30 or more credits) may receive up to \$4,500/year
- **Unsubsidized loans** – start accruing interest right away regardless of graduation status or enrollment status
 - Freshmen (completed 30 credits or less) may receive up to \$6,000/year in addition to subsidized loan
 - Sophomores (completed 30 or more credits) may receive up to \$6,000/year in addition to subsidized loan

Cumulative subsidized loan limit for a four-year degree program is \$23,000. Cumulative unsubsidized loan limit for a four-year degree program is \$34,500. Students must begin repaying all loans at a fixed rate (capped at 8.25%), six months after they graduate, leave school, or are enrolled in less than 6 credits (less than half-time). These loans are guaranteed by various agencies and reinsured by the federal government.

College Work-study Employment

The college work-study program (federal and state) is designed to provide financial assistance in the form of part-time employment for students in need of such assistance to begin or continue their college education. Employment under this program is authorized for any student who shows need for assistance, has completed the FAFSA, and is enrolled at least half-time. Students from low-income families are given priority for available funds. Students employed under the work-study program are limited to a maximum of 15 hours per week during the regular academic year but may be authorized to work up to 28 hours per week during the summer and other vacation periods. Students employed under work-study are paid at the applicable minimum wage rate.

Part-time Student Financial Aid

Part-time students who are enrolled for a minimum of six (6) credits are eligible to be considered for financial aid. Contact the Student Services Center for details.

Financial Aid Application Procedure

All students applying for financial assistance must complete the Free Application for Federal Student Aid (FAFSA). Applicants for financial assistance are not considered until they have completed all admission requirements and have been issued an official notice of admission by the college.

Students who are seeking financial assistance are urged to submit their completed applications well in advance of the anticipated semester of registration.

Requests for additional information can be obtained by writing to the Director of Financial Aid, Otero College, 1802 Colorado Avenue, La Junta, CO 81050 or by calling 719-384-6834.

Student Hourly Employment

About one-third of the students enrolled at Otero College are deemed hourly employees, and their wages are paid directly from the department's budget for which that student works.

Financial Aid Repayment

If a student does not attend even one class (a "no show"), all financial aid awards to that student will be canceled and repaid to the funding source.

If a student withdraws, drops out, or is expelled within the first 12 class days, that student is treated, for refund/repayment purposes, the same as a "no show." No Title IV financial aid money is disbursed, the award is canceled, and funds are returned to the funding source. Financial aid awards are not disbursed to student accounts until after the 12th day of class. After the 12th day, the student will receive 100 percent of the financial aid due, to be applied first against any balance due to the College, with any additional amount being disbursed to student to meet living expenses.

Financial aid eligibility will be recalculated and the amount of any potential refund or repayment will be determined by the Financial Aid Office for students who withdraw or fail to complete at least one course. Any potential disbursements will be made to the student within a reasonable time after the 12th day. For more information, contact the Financial Aid Office at 719-384-6834.

Veterans

Otero College is approved for veteran training and works with the Veterans Administration and the Colorado Department of Veterans Affairs to help student veterans who enroll at the College. Veterans need to submit all records of previous education and training to the Registrar's office in the Student Services Center within one semester of enrollment or risk losing educational benefits. For more information contact the Otero Veterans' Certifying Official in the Student Services Center or call 719-384-6948.

Veterans Benefits and Transition Act of 2018

As part of the Veterans Benefits and Transition Act of 2018, section 3679 of title 38, United States Code was amended. Effective August 1, 2019, the State Approving Agency, or the Secretary when acting in the role of the State Approving Agency, shall disapprove a course of education provided by an educational institution that has in effect a policy that is inconsistent with the areas below:

- Policy must permit any covered individual to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA)

website – eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution.
 2. Ninety (90) days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.
- Policy must ensure that your educational institution 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 his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

NOTE: A Covered Individual is any individual who is entitled to educational assistance under chapter 31, Vocational Rehabilitation and Employment, or chapter 33, Post-9/11 GI Bill® benefits.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at <https://www.benefits.va.gov/gibill>.

"The school maintains a written record of the previous education and training of the veteran or eligible person and clearly indicates that appropriate credit has been given for previous education and training, with the training period shortened proportionately, and the veteran or eligible person and the Department of Veterans Affairs so notified."

Otero College & Community Scholarships

Scholarship List

| | | | |
|--|---|-------------|---------|
| Ashley Rochelle Abel Nursing Scholarship | 3.0+ GPA, Nursing student, 5 hrs. community service | School Year | \$500 |
| Boundless Opportunity Scholarship | Full-time non-traditional students, 23 yrs. or older, Satisfactory Academic Progress, Demonstrate financial need. | School Year | \$2,000 |

| | | | |
|--|---|-------------|--------------|
| Central Colorado Educational Trust Scholarship | Graduate from SE Colo H.S., full-time student, Agricultural emphasis, | School Year | \$1000 |
| Charles & Delia Garcia Memorial Scholarship | This award will go to one male and one female student who maintain a cumulative 2.0 GPA or above. | School Year | \$2,500 |
| Classified Employees | Qualified returning sophomore only, 3.0+ GPA, Full time student. One scholarship of \$1000, (\$500 per semester). | Semester | \$500 |
| Colorado Opportunity Scholarship | Full-time students, income qualifications, apply to TRiO program | Semester | Up to \$1500 |

| | | | |
|---------------------------------|---|-----------------|----------|
| Commitment to Otero Scholarship | Local students who graduated from an Otero College service area high school (La Junta, Las Animas, Cheraw, Rocky Ford, Crowley County, Swink, Manzanola, Fowler) with a minimum of 2.5 cumulative GPA from high school and enroll at Otero College in at least 15 credit hours. There is a two-year limit on the Commitment to Otero scholarship and it is not stackable with any of the Rattler Nation scholarships. FAFSA must be received by September 15th. | up to two years | \$1000 |
| Conley Memorial Scholarship | Full-time student, 2.5+ GPA, ASG or Athletics or Political Science/History major. | up to Two Years | Variable |

| | | | |
|---|--|-----------------|--------|
| First-Generation Scholarship | First generation college students (neither parent has earned a bachelor's degree or higher), 3.0 high school GPA for first-time freshman, or transfer GPA for students who have attended another college prior to Otero College enrollment, FAFSA must be received by September 15th, must be enrolled in at least 12 credits at Otero. Renewable with a 3.0 cumulative GPA. There is a two-year limit on receiving this award. The First-Generation Scholarship is awarded to students upon their initial semester at Otero and may be combined with any other Otero scholarship. | up to two years | \$850 |
| The Franzman Family Scholarship – New model for the Franzman Family Scholarship | 2.5+ GPA, four scholarships each year. Two are awarded to first-year (freshman) students and two are awarded to continuing second year (sophomore) students. | School Year | \$1250 |

| | | | |
|---|--|-------------|----------------------|
| The Franzman Nursing Scholarship | 2.5+ GPA, Two Nursing Scholarships will be available to be awarded, one to a first-year (freshman) student and one to a continuing second year (sophomore), both enrolled in the nursing program and pursuing qualification as registered nurses | School Year | \$2,500 |
| Franzman President's Leadership Scholarship | 3.2+ GPA, 20 President's Leadership Program (PLP) annual scholarships will be awarded. | School Year | \$1000 |
| The Freda T. Roof Scholarship | Financial need | School Year | Variable |
| Kane Family 2 Year Merit | Colo Resident, 3.25+ GPA, seek associate degree within 2 consecutive years. Must plan to transfer to UCCS upon graduation from Otero. | Two Years | Tuition, Fees, Books |
| Kay Mahoney Scholarship | Healthcare Program at Otero, 3.2+ GPA, commitment to community service. | School Year | Variable |

| | | | |
|----------------------------------|--|-------------|---------|
| Living & Learning Scholarship | Out-of-State and WUE students enrolled in at least 15 credits receive a \$2,000 per year scholarship towards housing costs. Renew-able with a 2.5 cumulative Otero GPA. There is a two- year limit on the Living and Learning scholarship and it can be combined with the First- Generation scholarship. | School Year | \$2,000 |
|----------------------------------|--|-------------|---------|

| | | | |
|---|---|-------------|----------|
| Otero & Crowley County Resident Scholarship | <p>Residency: Since the government uses the parents' residency to determine the residency of a student who is under 23 years of age, your parents must also live in Otero or Crowley County if you are under 23 years of age. If you are 23 years of age or older, you yourself must reside in Otero or Crowley County to be eligible for this scholarship.</p> <p>Degree Requirements: You must be enrolled in a degree-seeking or certificate-seeking program. Students enrolled as non-degree seeking student are not eligible for this scholarship.</p> | School Year | Variable |
| Pinnacol Scholarship | This is for students in a Career & Technical Education pathway. Including Welding, Construction, Nursing, Law Enforcement, Education, Cosmetology, & some certificate programs. Students must maintain a cumulative 2.0 GPA. | School Year | \$2,500 |

| | | | |
|------------------------------------|---|-------------|--|
| Ag Premier Scholarship | Agricultural involvement, enrolled in an ag science course | School Year | up to \$1,500 |
| President's Leadership Scholarship | Must be selected for the President's Leadership Program, 3.2+ GPA and remains in good standing with PLP. | School Year | \$1000 (\$500 for Fall Semester and \$500 for Spring Semester) |
| Rattler Nation Merit Scholarships | Eligible students must be Colorado residents and enroll in at least 15 credit hours at Otero College the fall semester following their high school graduation date. | School Year | \$1,000 – \$2,500 |
| Robert Hoag Rawlings Scholarship | 2.5+ GPA, journalism or business emphasis, students from 18-county Southeastern Colorado area | School Year | \$2000 |
| Vera and Alan Shand Scholarship | Full-time student, 3.0 + GPA, pursuing a degree in education, priority given to students graduating from Lower Arkansas Valley. Full-time student, 3.0 + GPA, pursuing a degree in nursing and accepted into the Nursing Program. | Semester | \$1000 – \$1250 |

| | | | |
|----------------------------|--|-------------|-------|
| Wickham Family Scholarship | Full-time student pursuing a degree in the Engineering field or Math/Science, 3.0+ GPA | School Year | \$500 |
|----------------------------|--|-------------|-------|

Student Life

Otero Student Government

Associated Student Government

The student body of Otero College is represented by an Associated Student Government (ASG), presided over by the student body president. The ASG considers and makes recommendations regarding student affairs and the disbursement of student activity fees. The ASG is responsible for working with the Director of Student Housing and/or those others responsible for the supervision of activities in coordinating and promoting student activities. ASG promotes activities for the entire student body attending Otero College.

The ASG membership is composed of the executive committee: president, vice-president, secretary, SSAC Representative, and Student Representative. There are five (5) elected or appointed senators from the freshman class and five (5) elected or appointed senators from the sophomore class. Representatives of all recognized organizations on campus are included.

Publications

The Rattler Rumor

The Rattler Rumor is a weekly publication that is produced by the Enrollment Management Department. The publication highlights the current week's activities across campus and is distributed to multiple public places on campus, in addition to being emailed to all students and all employees. The Rattler Rumor is distributed free to all students and staff.

Digital Signage

Digital Signs across campus provide weekly information that highlights and promotes the current week's activities across campus.

Chinook

Chinook is a publication of writing and art. Otero students, faculty, staff, and community members can contribute original art, poetry, and prose ranging from personal essays to short stories. The magazine is compiled, coordinated, laid out, and printed under the direction of an appointed student editor. Chinook is published during spring semester.

Student Organizations

OTERO CLUBS & ACTIVITIES

Art Club

Activities for the Art Club include trips to the Denver Art Museum, Colorado Springs Fine Arts Center, volunteering with the Otero Arts Festival in the spring, and hosting an Otero Student Art Show in the spring.

Fellowship of Christian Athletes

This club is a non-denominational organization which provides an opportunity for fellowship, Bible studies, and prayer. This organization meets generally once each week during fall and spring semesters.

Gaming Club

This club is dedicated to all varieties of table top games. Meeting times vary from semester to semester.

Chess Club

The Otero Chess club meets once a week during the fall and spring semesters. Students can expect to play casual games as well as timed games and learn the fundamentals of Chess. Tournaments are held regularly throughout the year.

Club Cosmetology

The Cosmetology Career Academy student organization enables Cosmetologists, Hairstylists, Nail Technicians, and Estheticians to participate in a professional student organization. The organization is based on competencies that business and industry representatives have deemed critical to job success. Membership is open to all students attending the Cosmetology Career Academy.

Queer Collective

The Queer Collective provides support and a safe place for the LBGTQIA+ community at Otero. The collective works to support positive relationships between the LBGTQIA+ community and the general public to develop and maintain a sense of safety and acceptance for all students.

Non-Traditional Students Organization

The Non-Traditional Students Organization's mission is to encourage, support, and respond to the unique needs and responsibilities of all non-traditional students contributing to the successful completion of their educational goals. Membership is open to any non-traditional student (i.e., returning, married, parenting, career change, and transitional).

Otero Players

Students with a desire to participate in stage productions are welcome to join the Otero Players. All participants gain experience in performance and aspects of technical production. Emphasis is placed on presenting a varied program of drama, music, and dance to the campus and community.

Phi Theta Kappa

Phi Theta Kappa is a national honor society of two-year colleges. The Otero Delta Rho chapter offers qualified students support from fellow scholars of all ages, ethnic backgrounds, economic levels and fields of study, as well as opportunities for scholarships. To be eligible for membership, a student must be enrolled at Otero, must have completed at least 12 semester hours of course work leading to a recognized transfer degree, have a cumulative GPA of at least 3.00, and have earned a minimum of 3.5 GPA for the previous semester.

Student Nurses' Association

This organization acquaints the student nurse to the professional responsibilities of nursing, providing opportunities for leadership, and growth through collegial relationships. Membership is open to all students admitted to the nursing program.

Teacher Candidate Community (TCC)

The Teacher Candidate Community is made up of interested student teacher candidates enrolled in the T-PREP at Otero Program. Students gather on a regular basis to discuss current trends in education and support other teacher candidates in the program. They serve as a community outreach program to assist and encourage other individuals considering teaching careers and/or T-PREP program.

Academic Affairs

College Support Programs

The Learning Commons

Funded in part by a U.S. Department of Education Title III, Part F STEM grant, the Otero College Learning Commons is home to Wheeler Library, the Venom Pit Coffee Shop, TRiO Student Support Services, and the Academic Success Center. The state-of-the-art facility features updated technology and equipment to facilitate greater learning and collaboration in the STEM fields as well as all areas of academic study.

Wheeler Library

Wheeler Library provides a variety of services including research assistance and technical support. The library offers a large collection of print resources including reference, non-fiction, and fiction books, as well as a wide range of newspapers, magazines and professional journals and DVDs. Reference titles and several full-text databases are available digitally through the library's website, which is accessible either in-house or remotely. Library instruction and research support are available to orient students to library services including searching online catalog, accessing research databases, basic internet searching techniques, and website evaluation.

The Internet, including the Otero computer network, is available through a wireless connection so that students can use their own devices. Learning Commons staff can assist students with course reserves, interlibrary loan, holds, finding and checking-out resources, database login issues, and equipment.

Desktop computers are available for student use, laptops are available for on-campus and overnight use, iPads and Apple Pencils can be checked out for three days, and graphing calculators can be checked out for an entire semester. Students also have access to video cameras, video editing software, virtual reality headsets and the Virtual Reality Lab, athletic equipment, games and puzzles, musical instruments (piano keyboards, an acoustic guitar, and ukulele), headphones, school supply kits, rolling white boards, and study rooms.

Academic Success Center

The Academic Success Center (ASC) is adjacent to Wheeler Library in the Learning Commons. The ASC provides students with additional areas to study independently and in group settings. Students who visit the Academic Success Center can make appointments with Otero's Professional Academic Support Specialist (PASS) Team for business, math, science, or writing assistance, or with members of our Student Engagement and Educational Development (SEED) Team who serve as course navigators and provide assistance in a variety of courses. All assistance provided through the PASS Team and SEED Team is free of charge.

Group tutoring and interactive experiences that supplement classroom lectures and labs are held daily in the Academic Success Center. Commonly referred to as the Supplemental Instruction (SI) Sessions, students can attend these sessions free of charge to gain the additional support and understanding they need or success in their math and science courses. Anatomy and Physiology models, Apple TVs, games, and other assistive learning devices are available for student use.

TRiO Student Support Services

TRiO Student Support Services (SSS) program is a federally funded TRiO Program under the U.S. Department of Education. This program focuses on students who are first-generation, low-income, and/or students who have a documented disability. The goal of the program is to increase the college retention and graduation rates of its participants and help students make

the transition from one level of higher education to the next. All services are provided free of charge to TRiO Student Support Services participants. Services provided by TRiO include:

- Academic Advising
- Career Exploration
- Personal Counseling
- Community Referrals
- Financial aid assistance and resources
- Tutorial services – individual, group, or drop-in tutoring
- Workshops and cultural events – skills, budgeting, and museum tours, etc.
- Transfer assistance to four-year colleges and universities including tours, applications, financial aid, and scholarship searches
- Textbook assistance program
- The Center is located in Wheeler Hall, Learning Commons/Academic Success Center. For further information call 719-384-6835.

Services for Students with Disabilities

Students with disabilities who enroll at Otero College are encouraged to meet with the Accessibility Services Coordinator (ASC) to discuss their needs, the barriers they experience, reasonable accommodations to address the barriers, and next steps. Students can request services and learn more about the appropriate application steps, requirements and documentation guidelines at the following webpage:

<https://otero.edu/resources/accessibilityservices/request-services/>

General Tutoring Support & Services

In the southeast corner of the Learning Commons is the Academic Success Center. The Academic Success Center (ASC) provides services such as tutoring and academic workshops to all Otero students free-of-charge. These services are provided by our Academic Support staff. This staff includes the Professional Academic Support Specialists (P.A.S.S) team and the Student Engagement and Educational Development (S.E.E.D) team.

The P.A.S.S. Team members consist of professional staff who are experts in a variety of academic support areas. We have experts who can provide tutoring in a variety of subject areas through one-on-one tutoring or Supplemental Instruction sessions. We also have experts who provide Academic Workshops that spotlight topics such as: study skills, test taking strategies, note taking tips, avoiding plagiarism, utilizing research databases and many more.

The S.E.E.D. Team is comprised of Otero students who have completed at least one semester of college and have a cumulative GPA of a 3.0 or higher. These individuals assist fellow students through peer tutoring or through being a student ambassador. As peer tutors they assist in subject areas that they received a B or higher. They provide tutoring through one-on-one sessions and Peer-Led Undergraduate Study sessions. As student ambassadors they

help current Otero students with day-to-day questions and resources, while also providing prospective students through campus tours, student panels, and other duties on-campus.

Science Tutoring

Students enrolled in many of the science courses at Otero can attend daily and weekly Science PLUS Sessions. PLUS Sessions are supplemental instruction sessions that provide hands-on group tutoring for specific courses. Students have access to hands-on learning resources such as Anatomy and Physiology models, Apple TVs, and other assistive learning devices. PLUS Sessions are held in the Academic Success Center Collaboration Room. For more information call 719-384-6860.

TRiO Tutoring

Students who are participants in the TRiO Student Support Services program have access to free tutoring either on a drop-in basis, by appointment, or through organized group study sessions. TRiO tutoring is offered in the Academic Success Center. For more information call 719-384-6835.

Instructional Modalities & Desire2Learn

Instructional Methods Coding

- o **CB:** Competency Based – Students will have a fixed amount of time to meet specific competencies before receiving credit for the class.
- o **CL:** Classroom Based - Class meetings are on-site and in-person.
- o **HF:** HyFlex - A highly flexible experience where the course is delivered entirely remotely in real-time, entirely in real-time, or a combination of the two.
- o **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.
- o **HY:** Hybrid - Class will have some live in-person components, and some on-line components. The percentage of online versus in-person can vary by class but must be a minimum of 10% of contact hours.
- o **RH:** Remote Hybrid - Class will have some live real-time remotely delivered meetings at pre-determined times and some on-line components. The percentage of on-line versus remote-real time can vary by class but must be a minimum of 10% of contact hours. There is no scheduled in-person attendance.
- o **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. The class will be 100% real-time live meetings delivered remotely via technology.

Otero Hybrid and Hyflex Courses

Otero College's hybrid and hyflex courses provide students with some flexibility in how their courses are delivered. Students will have scheduled face-to-face meetings with Otero instructors and through the use of the Internet will utilize a Learning Management System (LMS) to access course materials, complete reading and writing assignments, take exams, and communicate with the instructor and other students.

Otero hybrid and hyflex courses are not independent study or self-paced, they are instructor-paced. Students may contact their instructor via phone, email, or personal visits. Each course is a normal one-semester Otero course. Courses offered as hybrid courses may vary each semester.

Students will need to be proficient with computers to access the Internet, reply to emails, and send attachments. Students also need to assume responsibility as a full partner in their Otero hybrid learning process.

Hybrid and Hyflex Course Tips for Success

- Attend the on-campus orientation/tutorial session offered each semester.
- Read your course syllabus carefully. This has all the information regarding your responsibilities as well as add/drop and withdraw dates.
- Log into your class right away and often to view new postings, assignments, and tests.
- Communicate with your instructors often; they are your contact for the course.
- Expect to commit as much time to a hybrid class as would be required for a traditional class.

Students who do not have access to a computer may find computers available in the Learning Commons.

Desire2Learn (D2L)

Otero uses a learning management program called Desire2Learn (D2L) that uses the Internet for course content delivery for both traditional classes and those that are taught as hybrids (online). The web-based platform allows students to access and submit assignments, take exams, and communicate with the instructor and other students. Instructors can add to their (D2L) courses additional tools such as discussion boards along with content such as documents, video and web pages. (D2L) is endorsed as the web platform for all colleges in the Colorado Community College System.

Desire2Learn (D2L) Support

Support for D2L is available 24 hours a day, 7 days a week, 365 days a year. For assistance log onto: <http://help.cccs.edu/> Self-help Searches: Search this website for solutions to the most

common problems. Support over the Phone: Call toll-free any time (888) 800-9198. Support via Chat: Chat with an analyst to ask questions in real time. Submit a Problem: Don't have time to troubleshoot now? Send a help request and the staff will contact you.

High School Equivalency

(formerly known as General Education Development-GED)

Earning a High School Equivalency Certificate is an alternative to earning a High School Diploma and is granted by the Department of Education for the State of Colorado upon successful completion of one of the three testing programs, GED, TASC or HiSET. The HSE program is open to persons 17 and older who are no longer attending High School.

BUENO HEP/HSE, sponsored by the University of Colorado's BUENO Center for Multicultural Education, is a High School Equivalency Program (HEP) that offers instruction in the subject and skill areas necessary to help students with job-entry level studies. The actual length of study varies with the individual's educational abilities. In addition, simulated tests are administered to determine readiness for appropriate college-level classes and for the official HSE tests. At that time, the student and instructor evaluate the student's progress.

The BUENO HEP/HSE Center is located in McBride Hall, Room 105. For additional information, interested students should contact the BUENO HEP office 719-384-6848 or email: Otero-BuenoHepGED@otero.edu

Developmental Education

THE PATHWAYS

Developmental Education – Math Pathways

Otero College offers pathways to 100-level Math courses based on the student's career or major area of interest. Students receive advising to help them choose the appropriate path and determine readiness for the initial math course for their career and/or transfer goals. Quantitative Literacy includes only content necessary for success in Non-STEM and Non-Transfer Math courses. STEM Prep includes content necessary for success in Science, Technology, Engineering, and Mathematics. Learning support co-requisites provide additional structured support to students who are close to the placement score and would like to enroll in the next course in their chosen sequence.

Developmental Education – English/Reading Pathways

Otero College offers an accelerated model that provides students with the opportunity to enter a 100-level class no later than their second term of enrollment. After preliminary assessment, students will be placed in courses that offer supplemental instruction to encourage success. These include a non-credit option for placement tutoring; co-requisite, credit-based lab support for College Reading and Composition coursework; integrated reading and writing linked to 100-

level courses; and co-requisite integrated reading and writing paired with transfer level college composition courses.

Special Programs

SPECIAL AND AFFILIATED COLLEGE PROGRAMS

Colorado Online

Associate degrees and certificates through Colorado Online (Colorado Online @) offer opportunities to take traditional and specialized classes remotely. Students register at Otero College and receive training from a system online instructor. For further details, go to: www.ccconline.org or www.cccs.edu

Technical Requirements

CCConline delivers its courses on the D2L course management platform. For you to get the most out of the courses, the browser (Chrome, Firefox, etc.) you are using needs to be configured to be compatible with the D2L system. Click on the Browser Diagnostics page to run a quick check of your D2L browser to make sure it works optimally with D2L.

Child Development Services

Child Development Services (CDS) has been a sponsored agency of Otero College since 1974. It is the mission of Otero College Child Development Services to provide high quality, comprehensive early childhood education programs for children from birth through 6 years old; to provide parent education programs that strengthen the family, develop basic literacy, encourage job training and personal development; and to develop community partnerships and coordination of community-based services.

CDS administers three federally funded early childhood programs – Head Start, Migrant and Seasonal Head Start, and Early Head Start. These nation-wide, federally funded programs help low-income children, their families, and communities overcome the effects of poverty and help prepare children to start school.

In addition to Head Start programs, CDS administers the Colorado Preschool Program for East Otero School District. CDS provides services to over 900 children annually throughout a nine-county area in southern Colorado. CDS can be contacted at: 719-384-3100.

Community Involvement Opportunities

Chinook – Chinook is a publication of writing and art. Otero students, faculty, staff, and community members can contribute original art, poetry, and prose ranging from personal essays to short stories. The magazine is compiled, coordinated, laid out, and printed under the direction of an appointed student editor. Chinook is published during spring semester.

Otero Dance Program – The Otero Dance Program is dedicated to the principle that those who have the desire to dance should have an opportunity to do so. Movement education is the

central focus for the youngest dancers; however, older students may choose from the more traditional disciplines of ballet, tap, modern, and jazz. The program also offers specialized movement classes. Students can register before the beginning of each semester by calling 719-384-6812.

Otero Arts Festival – Each year, junior high and high school students are invited to participate in juried art and writing competition. The Otero Arts Festival, organized by college personnel, is held on the campus and is open to the public. Scholarships, cash, and ribbon awards are presented to the winners.

Theatre Productions – The public is invited to attend and participate in the theatre performances staged by the college and community. The Otero Players present quality productions fall and spring semesters in the Ed Stafford Theatre, located in the Humanities Center.

Degree Partnerships

SPECIAL AND AFFILIATED COLLEGE PROGRAMS

Statewide Articulation Agreements

As a member of the Colorado Community College System, Otero College can provide our students who wish to pursue advanced degrees and transfer agreements with four-year institutions. To review a full list of transfer agreements, go to:
www.cccs.edu/edservices/articulation.html

Students may transfer 31 credits of completed general education course work (with a grade of “C” or better in each course) to most public colleges in Colorado. Students who complete an Associate of Arts or Associate of Science degree are guaranteed to transfer 60 credit hours of courses required for those degrees to a four-year school once they have been accepted for admission. Students who follow this plan should be able to finish a Bachelor of Arts or Bachelor of Science degree within another 60 credit hours.

PLEASE NOTE:

Some degrees may exceed the typical 120 credit hours required to successfully graduate. Statewide articulation agreements for the following professional degree programs prescribe specific general education courses and degree requirements: Business; Early Childhood Education; Elementary Education; Engineering; and Nursing.

Otero College works closely with the following 4-year colleges and universities

Adams State University

Students can take their first two years of course work at Otero College, then complete their final two years with ASU, either online or on the Adams State University campus in Alamosa.

Colorado Christian University

Colorado Christian University and the Community College System (CCCS) have worked together to create helpful transfer guides for students who wish to complete a bachelor's degree at CCU. The transfer guides show students which courses at their Colorado community college will transfer to a specific CCU degree program. Otero students who earn an Associate of Arts (A.A.) or Associate of Science (A.S.) degree are guaranteed admission to CCU's College of Adult and Graduate Studies for up to 12 months after graduation with a degree or program certificate.

Colorado State University-Pueblo

Students can take their first two years of course work at Otero College in all of Otero's recognized Programs of Study (see Degree Programs section of this catalog), then complete their final two years with CSU-Pueblo.

Colorado State University-Fort Collins

Otero College, in cooperation with Colorado State University – Fort Collins, has developed a two-year Associate of Science degree track with an emphasis in Agriculture in three different areas: Agriculture Business, Animal Science, and Soil and Crop Science. Upon successful completion, the degree, and all classes associated with the degree, will transfer seamlessly into the CSU-Fort Collins College of Agricultural Science where a student can earn a bachelor's degree with an additional 60 hours of credit.

University of Colorado at Colorado Springs

Otero is working closely with UCCS to develop several programs of study that will result in seamless transfer, including pre-engineering and nursing

Colorado Mesa University

After Otero students complete the Law Enforcement Training Certificate program at Otero, they have the option to continue their education and earn an Associate of Applied Science Degree in Law Enforcement at Otero.

A transfer agreement with Colorado Mesa University allows Otero students who have completed the Associate of Applied Science Degree in Law Enforcement to continue their career advancement by earning a Bachelor of Science degree at CMU in Public Administration/ Public Safety through an online distance education learning format.

Fort Hays State University

Otero College and Fort Hays State University have developed a transfer and articulation agreement to facilitate the transition of students with academic credit or Associate Degrees from Otero to FHSU. This agreement is specific for students who wish to transfer into the Bachelor's of Science Information Systems Engineering program.

University of Colorado Denver

Otero College and the University of Colorado Denver have developed an innovative partnership to offer a bachelor's degree in elementary education that can be completed in its entirety at Otero. After successful completion of the four-year program, participants will graduate with a Bachelor of Arts in Education and Human Development with elementary licensure from CU Denver.

Special Articulation Agreements in Agriculture

Otero College has developed special articulation agreements in agriculture with the following 4-year colleges and universities

New Mexico State University College of Agricultural, Consumer and Environmental Science

The College of Agricultural, Consumer and Environmental Sciences at New Mexico State University has signed a 2 + 2 agreement with Otero College that allows students with an Associate of Science degree in Agriculture Business, Animal Science or Soil and Crop Science to transfer seamlessly and complete a Bachelor of Science degree.

West Texas A & M University

Otero College, in cooperation with West Texas A & M University, has developed a two-year Associate of Science degree track in agriculture with areas of emphasis in Agriculture Business, Animal Science, and Soil and Crop Science. Upon successful completion of the degree requirements, students can transfer seamlessly to WTAMU to complete a Bachelor of Science degree.

Oklahoma Panhandle State University

Otero, in cooperation with Oklahoma Panhandle State University, has developed an articulation agreement for an Associate of Science degree in Agriculture Business, Animal Science and Soil and Crop Science to a Bachelor of Science degree as OPSU. The intent of the agreement will be seamless transfer in those emphasis areas.

Northwestern Oklahoma State University

Otero, in cooperation with Northwestern Oklahoma State University, has developed an articulation agreement for an Associate of Science degree in Animal Science and Soil and Crop Science to a Bachelor of Science degree as NWOSU. The intent of the agreement will be seamless transfer in those emphasis areas.

Affiliated Programs

SPECIAL AND AFFILIATED COLLEGE PROGRAMS

President's Leadership Program (PLP)

Sponsored by the Otero College Foundation

An academic certificate in Leadership at Otero College requires 12-credit hours of study and is limited to scholars who are accepted into the President's Leadership Program. The mission of the President's Leadership Program (PLP) is to develop and train emerging leaders at Otero College through a one- or two-year academic leadership program. The objective of PLP is to provide academic, experiential, and service-learning programs designed to foster and cultivate leaders who are: Ethical, visionary, critical and innovative thinkers, committed to action, empowering of others, rational and intuitive, open to possibilities and servants of the broader good. The program serves as a bridge between Otero College and the greater community by continually developing partnerships with area leaders, businesses, and community service organizations.

The program requires two core leadership courses and additional elective courses from a wide variety of academic programs on campus. Students must complete the 6-credit hour leadership core plus an additional 6-credits of electives with a grade of "B" or higher to receive the certificate.

Service Learning

PLP places an emphasis on community service and civic engagement in order to help scholars develop social awareness, civic responsibility and interconnectedness. A total of 120 service-learning hours will be required over the course of the program.

Experiential Learning

PLP scholars will be given opportunities to learn about leadership through numerous hands-on experiences throughout their one or two years in the program. This will be provided, but not limited to, annual leadership workshops and conferences, lectures from recognized leaders and opportunities for leadership positions on campus and in the community. As part of this experience, students will become active members of Phi Theta Kappa or other approved organizations.

Selection Criteria

Selection is based on leadership potential, intellectual curiosity, and commitment to something outside oneself. Scholars will be chosen based on:

- A minimum 3.2 cumulative grade point average is required to apply.
- Completed written application that includes an essay question and examples of leadership and service experiences
- Two letters of recommendation
- High School or college transcripts
- Personal interview

Contact:

For more information about the President's Leadership Program, contact Otero College 719-384- 6800 or @otero-information@otero.edu

Southern Colorado Educational Opportunity Center

The Southern Colorado Educational Opportunity Center (SCEOC) is a federally sponsored satellite program that assists low-income and first-generation individuals to pursue post-secondary educational goals. Admission application procedures, financial aid preparation, career, and educational planning are some of the services offered through the SCEOC. Call 719-384-6852 for more information or visit the Otero office in McBride Hall, Room 150.

Mission Statement & Strategic Plan

Institutional Mission

To educate students and provide workforce training that enhances personal and professional growth and encourages all students to become the best version of themselves.

Vision

Otero College: the Valley's College of Choice.

Values

At Otero College, our work is guided and informed by our commitment to diversity, integrity, learning and innovation, safety, and community.

Campus Diversity Statement

At Otero College, diversity and inclusion extend beyond mere symbols—they are the bedrock of our academic and community ethos. We are steadfast in our commitment to valuing and embracing People from all walks of life, recognizing that each person's success enriches our collective learning experience. Our dedication is reflected in our unwavering support and respect for varied identities, beliefs, and backgrounds. This includes, but is not limited to, political convictions, religious beliefs, gender identities, sexual orientations, races, and ethnicities.

Otero College actively works to foster an intellectual community and provide a pivotal role of diversity and inclusion for its community. We achieve this through the facilitation of shared learning experiences that not only engage our campus in meaningful dialogue but also challenge existing barriers, build collaborative relationships, and create ample educational opportunities. Our initiatives are designed to encourage our campus community to explore the full spectrum of diversity and the complex intersections of identity.

As a proud Hispanic Serving Institution (HSI), Otero College is deeply committed to creating an environment that nurtures positive, inclusive leaders. Our graduates emerge with a profound global understanding of multiculturalism and a sense of accountability to society at large.

Strategic Plan Priorities

GOAL 1: ENHANCE THE STUDENT EXPERIENCE

Developing the student, both academically and personally, is at the heart of Otero's mission. Each student that enrolls at Otero has access to state-of-the-art technology and facilities, all designed with the student experience at the forefront.

Objective 1: Transform the Academic Experience

Key Initiatives

1. Strengthen support for adult learners by offering more night and weekend courses, giving students credit for prior learning, and extending office hours
2. Ensure there is an adequate number of study rooms and tutors and peer tutors on staff to meet student needs
3. Incorporate career-readiness activities in class and connect students with experiential learning activities, research opportunities, and internships
4. Enhance instruction through the implementation of Universal Design for Learning and hyflex courses
5. Explore new programs and articulation agreements that benefit traditional, non-traditional, and concurrently enrolled students

Key Performance Indicators

1. Exceed the national fall-to-fall retention rate for full time students by 2027
2. By 2027, increase the number of credentials awarded by 10%
3. Establish benchmark for student course evaluation completion by Fall 2022 and increase response rate by 2027
4. Develop five new academic programs by 2027

Student Quote: "I am a single mom of three, who works fulltime in addition to getting my nursing degree. I commute from out of the area and am so thankful that Otero has a program that will work with my personal life and work schedule. The Otero Nursing program is very structured, there are no surprises, and the instructors are experienced professionals in their field." – Sheree, Otero nursing student

Objective 2: Improve Student Affairs Processes and Co-Curricular Experiences

Key Initiatives

1. Improve student onboarding through a mandatory new student orientation
2. Implement best practices in customer service through professional development opportunities

3. Create a vibrant student engagement program with activities that all students can attend, and ensure students know about Associated Student Government other student clubs and organizations
4. Ensure students are career-ready by connecting them with work study jobs and career counseling

Key Performance Indicators

1. By 2027, increase student engagement with academic advising and planning by 5%
2. Exceed the national fall-to-fall retention rate for full time students by 2027
3. By 2027, increase the number of credentials awarded by 10%

Student Quote: "I grew up in the area and had always planned on going away to college. After my high school graduation, I realized that with all the OJC credits I had earned while in high school through the concurrent credit program, I was only a couple of semesters away from graduating from OJC with an associate's degree. My decision to stay at OJC and finish the degree saved my family thousands of dollars in tuition and living expenses." – Adam, current Otero student

Objective 3: Maintain and Update Facilities to Align with Student Needs

Key Initiatives

1. Redesign the auxiliary gym
2. Obtain funding to remodel the locker rooms and training room
3. Explore the possibility of installing a turf field
4. Update the residence halls by adding new paint, a trash chute in Wunsch Hall, new washers/dryers, and a community kitchen
5. Create intentional outdoor spaces where students can gather

Key Performance Indicators

1. Implement a student ticketing system for facilities issues by Fall 2022
2. Devise a plan and secure funding to update the auxiliary gym and create intentional outdoor spaces for students by Fall 2024

Student Quote: "I wouldn't trade this experience for anything else in the world. I have learned so much about myself and my leadership style as well as how others lead." – Kendra, Otero alumni on participating in the President's Leadership Program

GOAL 2: TRANSFORM OUR WORKPLACE

Otero College is committed to developing a workforce that reflects our diverse student population. Through strategic marketing and intentional onboarding, Otero aims to increase the number of qualified applications for each open position. Otero will increase employee

satisfaction and retention by supporting professional development and advancement, and enhanced campus communication.

Objective 1: Revamp Our Hiring and Onboarding Processes

Key Initiatives

1. Market open positions in a way that highlights the benefits of rural living (e.g., outdoor recreation, cost-of-living, shorter commute times, the tight-knit community, and a low faculty-to-student ratio)
2. Explore transitional housing and childcare options
3. Conduct salary and job description reviews and ensure employees are paid fairly and equitably based on education, skills, and work experience
4. Review the Alternate Work Schedule and align with other colleges
5. Improve employee onboarding through mentoring and training

Key Performance Indicators

1. Create a new employee onboarding and mentoring program by Spring 2023
2. By 2027, increase the overall number of applicants by 5%

Objective Two: Increase Employee Retention and Satisfaction

Key Initiatives

1. Reward employee performance and innovation through recognition programs and compensation
2. Support lifelong learning through professional development opportunities and educational incentives/tuition reimbursement, and develop employee growth plans to identify opportunities for advancement
3. Improve employee morale through improved communication, team building, networking, and employee events
4. Establish a formal definition and process of shared governance on campus

Key Performance Indicators

1. By 2027, increase employee trust and confidence in Otero leadership by 10%
2. By 2027, improve communication of institutional goals and strategies by 10%
3. Ensure employee processes are fair and equitable by 2025

GOAL 3: ENGAGE OUR COMMUNITY

As a community college, Otero was founded to serve the community. Relationships with industry partners, surrounding K-12 school districts, and supporting local businesses are key to the success of the college. Otero aims to rebuild lasting partnerships with the community and restore Rattler Pride throughout the Arkansas Valley.

Objective 1: Bring the Community to Otero

Strategic Initiatives

1. Invite community members to campus for tours and events
2. Explore non-credit and community education course offerings
3. Engage alumni through an alumni ambassador program, monthly alumni highlights, and alumni events
4. Partner with local news organizations to promote community events on campus

Key Performance Indicators

1. Develop five reoccurring community events on campus by 2027
2. Secure reoccurring enrollment in 15 new non-credit or community education courses on campus or online by 2027
3. Create an alumni ambassador program by Fall 2023

Objective 2: Take Otero to the Community

Strategic Initiatives

1. Develop a speaker's bureau and have faculty and staff available to present to the community as Subject Matter Experts
2. Increase student involvement in the community (i.e., have ASG attend City Council meetings and get mentored by members, involve athletes in community service projects or pick-up games at City Park, hand out free tickets to campus events, visit area schools)
3. Explore industry partnerships and identify ways Otero can meet the needs of local organizations

Key Performance Indicators

1. Participate in two community service or outreach projects a year
2. Partner with at least three organizations by 2027 to provide reskilling, upskilling, or professional development for their employees

HOW THE 2022-27 STRATEGIC PLAN WAS DEVELOPED

Led by the Otero College Steering Committee, this plan was developed with fidelity and transparency in the spring of 2022. An external analysis was conducted by the committee, a virtual kick-off meeting was held with the campus community, a Strategic Planning presentation was shared with employees, and 12 roundtable discussions with campus and community stakeholders were facilitated by the Associate Vice President of Academic Affairs and the Associate Vice President of Enrollment Management, with support from the Executive Assistant to the President. Also,

surveys were administered to retrieve additional feedback from students, faculty, staff, Advisory Council Representatives, Foundation Board Members, and the community.

The campus and community stakeholders involved in the development of this plan include staff from Academic Affairs, Student Affairs, Athletics, Business Office, Information Technology, and Physical Plant, as well as faculty members, student leaders, Otero College Advisory Council and Foundation Board, and community leaders.

The goals, objectives, and strategic initiatives outlined in this plan align with the Higher Learning Commission's Criteria, the Colorado Commission of Higher Education's Master Plan, and the Colorado Community College System Strategic Plan.

College Boards & Councils

State Board for Community Colleges and Occupational Education System

- Dr. Landon Mascareñaz – Chair
- Terrance D. McWilliams – Vice Chair
- Rollie Health – Immediate Past Chair
- Dr. Ross Dueber
- Tatiana Hernandez
- Dr. Karen McNeil-Miller
- Yolanda Ortega
- Brad Rupert
- Catherine Shull
- Steven L. Trujillo
- Dr. Catlyn Keenan – Faculty Representative
- Hector Vargas – Student Representative

System Chancellor
Joe Garcia

Otero College Advisory Council

The Otero College Advisory Council serves as a liaison between the College and the College's service area communities. Members bring forth insight, ideas, and recommendations to be considered by the College administration for implementation. The Council approves and has oversight over the College's annual budget.

- Kevin Brandon
- Andy Flemer
- Jonathan Fox
- Margaret Grasmick
- Andrew Huffman
- C.J. Montoya
- Amy White-Tanabe

Otero College Foundation Board

The Otero College Foundation is a charitable, non-profit corporation dedicated to raising funds for Otero College. The Foundation was formed to provide the College with the opportunity for long-term growth and financial strength by supporting needs that cannot be met by the State or other financial resources. The Foundation also partners with donors to support and strengthen the College's role in serving the educational needs of the community.

The Otero College Foundation is a 501(c)3 Non-profit Organization: # 84-1472517

- Karen Tomky – Chair
- Betty Velasquez
- John Knapp
- Roberta Calkins-Mendoza
- Sharon Kolomitz
- Brandon McCuistion
- Jim Rizzuto

Administrators, Faculty, and Staff

| <i>Name</i> | <i>Department</i> | <i>Title</i> |
|---------------------------|---------------------------------|--|
| <i>Acosta, Alex</i> | Athletics | Head Women's & Men's Golf Coach |
| <i>Adame, Johnny</i> | Athletics | Head Women's Soccer Coach |
| <i>Addington, Gary</i> | Student Affairs | Dean of Students / Interim Athletic Director |
| <i>Addington, Lauren</i> | Student Affairs | Multimedia Coordinator |
| <i>Archuleta, Tommy</i> | Facilities Maintenance | Facilities Specialist - Plumbing |
| <i>Avens, McKensie</i> | Student Affairs | Assistant Financial Aid Director |
| <i>Bamber, Lisa</i> | Arts & Humanities | English and Communications Faculty |
| <i>Barbee, Kelsey</i> | President's Office | Director of Human Resources |
| <i>Barela, Alexandria</i> | Bueno-Hep/GED | Bueno-Hep/GED Administrative Assistant |
| <i>Beal, Joyce</i> | Facilities Maintenance | Administrative Assistant II |
| <i>Bender, Bethany</i> | Student Support Services - TRiO | TRiO Advisor/Success Coach |
| <i>Bevington, Jady</i> | Housing & Auxiliary Services | Residence Life Manager |
| <i>Beyerl, Brian</i> | Math & Science | Mathematics Faculty |
| <i>Beyerl, Frida</i> | Learning Commons - Library | Accessibility Services Coordinator |
| <i>Bollacker, Cathy</i> | Nursing & Health Professions | MLT Instructor |
| <i>Borton, Shawn</i> | Information Technology | Director of Information Technology |

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| <i>Brown, Rick</i> | Athletics | Head Women's Volleyball Coach |
| <i>Campbell, Judy</i> | Nursing & Health Professions | Nursing Instructor |
| <i>Campbell, Krystle</i> | Nursing & Health Professions | Nursing Instructor |
| <i>Coates, Brandon</i> | Athletics | Head Wrestling Coach |
| <i>Coleman, Sammy</i> | Athletics | Head Men's Basketball Coach |
| <i>Crist, Austin</i> | Athletics | Head Men's & Women's Rodeo Coach |
| <i>Dieckmann, Caitlyn</i> | Math & Science | Psychology Faculty |
| <i>Durga, Christine</i> | Nursing & Health Professions | Office Assistant for Nursing and Allied Health |
| <i>Eckhart, David</i> | Skilled Trades & Services | Cosmetology & Barbering |
| <i>Eubank, Joseph</i> | Student Support Services - TRiO | TRiO Advisor/Success Coach |
| <i>Feyder, Payton</i> | Athletics | Assistant Rodeo Coach |
| <i>Fletcher, Jhaymonique</i> | Athletics | Assistant Women's Basketball |
| <i>Fraker, Vincent</i> | Skilled Trades & Services | Law Enforcement Training Academy Director |
| <i>Freidenberger, Irma</i> | Facilities Maintenance | Custodian I |
| <i>Freidenberger, Misty</i> | Facilities Maintenance | Custodian I |
| <i>Fritz, Randy</i> | Facilities Maintenance | Grounds and Nursery I |
| <i>Garcia, Alberto</i> | Athletics | Men's Head Soccer Coach |
| <i>Girard, David</i> | Facilities Maintenance | Director of Physical Plant |
| <i>Guerrero, Jesus</i> | Facilities Maintenance | Custodian I |

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| <i>Hall-Vanhook, Allison</i> | Academic Affairs | Director of Career and Technical Education and Workforce |
| <i>Herasingh, Chelsea</i> | Academic Affairs | Associate Vice President of Academic Affairs |
| <i>Herasingh, Trevor</i> | Skilled Trades & Services | Construction Faculty |
| <i>Hernandez, Samantha</i> | Academic Affairs | EAB Navigate Coordinator |
| <i>Herrell, Danya</i> | Student Affairs | Mental Health Counselor |
| <i>Herring, Kyle</i> | Athletics | Head Women's Basketball Coach |
| <i>Horton, Janice</i> | Student Affairs | Administrative Assist |
| <i>Hotchkiss-Trejo, Meagan</i> | Information Technology | Coordinator of Educational Technology |
| <i>Japhet, Shawn</i> | AIM Program | AIM Grant Project Director |
| <i>Johnson, Ashley</i> | Athletics | Assistant Softball Coach |
| <i>Johnson, Sherry</i> | Learning Commons - Library | Library Services Coordinator |
| <i>Johnson, Traci</i> | Math & Science | Mathematics Faculty |
| <i>Johnston, Jennifer</i> | Business Office | Vice President of Administrative Services |
| <i>Juul, Kim</i> | Student Affairs | Registrar |
| <i>Kelley, Kimi</i> | Arts & Humanities | Arts & Humanities Dept. Chair - English and Literature Faculty |
| <i>Kelley, Tim</i> | Student Affairs | Webmaster |
| <i>Koehl, Skye</i> | Athletics | Head Softball Coach |
| <i>Korbitz, Mark</i> | Math & Science | Astronomy Faculty |
| <i>Koury, Evelyn</i> | Academic Affairs | Admin Assistant II |
| <i>Larrew, Eric</i> | Skilled Trades & Services | Welding Faculty |

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| <i>Lease, Brandon</i> | Skilled Trades & Services | Welding Faculty |
| <i>Leininger, Andee</i> | Student Affairs | Director of Financial Aid |
| <i>Liming, Jacob</i> | Campus Security - Facilities Maintenance | Security I |
| <i>Lind, Richard</i> | Campus Security - Facilities Maintenance | Security I |
| <i>Lobato, Antonia</i> | Athletics | Athletic Coordinator & Student Services Recruiter |
| <i>Long, Cody</i> | Student Affairs | Coordinator of Student Services and Testing |
| <i>Martin, Dillon</i> | Housing & Auxiliary Services | Foundation & Director of Auxiliary Services |
| <i>Martin, Rachelle</i> | Nursing & Health Professions | Associate Nursing Instructional Personnel (ANIP) Faculty |
| <i>Martinez, Ernest</i> | Facilities Maintenance | Custodian II |
| <i>Martinez, Laura</i> | AIM Program | AIM Case Manager |
| <i>Martinez, Raquel</i> | Facilities Maintenance | Custodian I |
| <i>Martinez, Tiana</i> | Business Office | Controller |
| <i>Matejcek, Anna</i> | Arts & Humanities | Art Faculty |
| <i>Mathews, Stephen</i> | Student Affairs | Marketing & Communications Coordinator |
| <i>McClure, Warren</i> | Math & Science | Biology Faculty |
| <i>McDaniel, Megan</i> | Nursing & Health Professions | Nursing Instructor |
| <i>Medina, Alejandro</i> | Facilities Maintenance | Custodian I |
| <i>Mendoza Martinez, Jaime</i> | International Relations Office | International Students Coordinator |
| <i>Miell, Justin</i> | Facilities Maintenance | Structural Trades II |

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| <i>Moore, Angela</i> | Student Affairs | Associate Vice President of Enrollment Management & Marketing |
| <i>Montejano, Kimberly</i> | Nursing & Health Professions | Nurse Aide Program Coordinator/Lead Instructor |
| <i>Morrow, Anna</i> | Nursing & Health Professions | Nursing Faculty |
| <i>Mosher, Denise</i> | Academic Affairs | Scheduler |
| <i>Nash, Antonio</i> | Athletics | Athletic Trainer & Game Day Manager |
| <i>Nielsen, Darrin</i> | Business Office | Accounts Receivable and Cashier |
| <i>Nolan, Allan</i> | Math & Science | Math & Science Dept. Chair - General Science Faculty |
| <i>Oquist, Whitney</i> | Nursing & Health Professions | Nursing Instructor |
| <i>Ornelas, Robert</i> | Information Technology | Computer Technology Technician |
| <i>Palmer, Garrett</i> | Facilities Maintenance | Structural Trades I |
| <i>Pantoya, Paula</i> | President's Office | Coordinator of Payroll and Human Resources |
| <i>Pantoya-Smith, Lisa</i> | Student Affairs | Admissions and Transfer Coordinator |
| <i>Parker, Cathy</i> | Business Office | Accounts Payable & Fiscal Coordinator |
| <i>Paugh, Kurt</i> | Facilities Maintenance | Custodian III |
| <i>Petramala, Sarah</i> | President's Office | Executive Assistant to the President |
| <i>Pidcock-Reed, Heather</i> | Arts & Humanities | English & Communications Faculty |
| <i>Quintana, Cedric</i> | AIM Program | Student Success Coach |

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| <i>Ramirez JR, Juan</i> | Physical Plant | Security I |
| <i>Reed, Jeffrey</i> | Arts & Humanities | History and Political Science Faculty |
| <i>Reed, Pat</i> | Facilities Maintenance | Grounds and Nursery I |
| <i>Rikhof, Maureen</i> | International Relations Office | Director of International Programs |
| <i>Romero, Jessica</i> | Facilities Maintenance | Custodian I |
| <i>Root, Melissa</i> | Nursing & Health Professions | Director of Nursing & Allied Health |
| <i>Rosser-Sumpter, Linsay</i> | Athletics | Head Rodeo Coach |
| <i>Salazar, Felipe</i> | Facilities Maintenance | Structural Trades I |
| <i>Samaniego, Robert</i> | Business Technology | Business and Microcomputer Applications Faculty |
| <i>Samora, Justin</i> | Athletics | Assistant Wrestling Coach |
| <i>Schiffer, Teyah</i> | Math & Science | Chemistry Faculty |
| <i>Shirley, Larry</i> | Arts & Humanities | Theater Technical Director |
| <i>Somers, Jenni</i> | Business Office | Assistant Controller |
| <i>Sporrer, Becky</i> | Skilled Trades & Services | Agricultural Business Faculty |
| <i>Stevens, Michael</i> | AIM Program | Collection Manager |
| <i>Stork, Chris</i> | Arts & Humanities | Literature, English and Humanities Faculty |
| <i>Sumpter, Linsay</i> | Skilled Trades & Services | Agricultural Business Faculty |
| <i>Tarrant, Angela</i> | Nursing & Health Professions | Director of Medical Lab Tech |
| <i>Tavizon, Jordan</i> | Athletics | Fitness Center Director |
| <i>Thompson, Sean</i> | Athletics | Assistant Baseball Coach |
| <i>Trujillo, Aaliyah</i> | Student Support Services - TRiO | TRiO Administrative Outreach Associate |

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| <i>Tyscka, Lavona</i> | AIM Program | Mentoring Coordinator |
| <i>Valdez, Monica</i> | Skilled Trades & Services | Cosmetology & Barbering |
| <i>Weaver, Casey</i> | Facilities Maintenance | Coordinator of Landscape Design |
| <i>Weiss, Malorie</i> | Student Affairs | Recruitment and Community Outreach Coordinator |
| <i>Wheeler, Jane</i> | Student Affairs | COSI Finish What You Started Success Coordinator |
| <i>White, Kari</i> | Skilled Trades & Services | Agriculture Science Faculty |
| <i>Winsor, Alexa</i> | Student Support Services - TRiO | Director of TRiO Student Support Services |
| <i>Wold, Drew</i> | Athletics | Head Baseball Coach |
| <i>Wold, Hailey</i> | Learning Commons - Library | Director of Student Success and Engagement |
| <i>Zamora-Gonzalez, Suseth</i> | Athletics | Assistant Women's Soccer Coach |
| <i>Zant, Kimberly</i> | President's Office | President |
| <i>Zemach, Alex</i> | Athletics | Assistant Men's Soccer Coach |
| <i>Zepeda, Jeremy</i> | Athletics | Assistant Men's Basketball Coach |

Emeritus Faculty and Staff

Allen, Mark (2010 – ret. 2019) Director of IT

Alvarez, Timothy (2017 – ret. 2023), President

Armstrong, Thomas J. (1984 – ret. 2007), Vice President of Instruction

Ashida, Gary (1988 – ret. 2012), Vice President of Administrative Services

Blackford, Darlene (1983 – ret. 2006) Faculty

Blackford, Frank (Miner) (1999 – ret. 2019) Law Academy Director

Boettcher, Fred (1992 – ret. 2016), History and Political Science Faculty

Boettcher, Marlene (1991- ret. 2015), Human Resources Director

Carrica, Ronald (1995 – ret. 2020) Physical Plant

Cockrell, David (2011 – ret. 2014), Associate Vice President of Instruction

Dorenkamp, Tammy (2005 – ret. 2020) Cosmetology Faculty and CTE Chair

Fisher, Maxine (1989 – ret. 2011), Student Services Cashier

Florez, Roger (1987 – ret. 2008), Physical Plant

Freidenberger, Ted (2005 – ret. 2022) Security I

Gallegos, Lisa (2002 – ret. 2023), Academic Support and Grant Project Coordinator

Goettel, Susan (2015 – ret. 2017), STEM Director

Gray, Joel (1994 – ret. 2017), Chemistry Faculty

Grimsley, Kimberly (1996 – ret. 2019) Vice President of Instructional Services

Guerrero, Joe (1969 – ret. 2004), Physical Plant

Hammontree, Janice (1976 – ret. 2004), Early Childhood Director and Chair Business Technologies/Service Occupations

Hensley, Judith (1965 – ret. 2007), Psychology Faculty

Herrell, Jim (2000-ret. 2012), Vice President of Instruction

Hibbs, Sallie (1975 – ret. 2009), International Relations Director

Jaramillo, Sam (1981 – ret. 2005), Physical Plant

Johnson, Jaclynn (1999- ret. 2019), Nursing Faculty

Johnson, Ken (1979 – ret. 2005), Electrician

Jones, Ruby (1995 – ret. 2004), Agri-Business Management Faculty

Kaess, Almabeth (2001 – ret. 2021), Associate Vice President Enrollment Management

Keefer, Susan (2010 – ret. 2017), Director of Library and Learning Commons

Lease, Rebecca (1994 – ret. 2018), Administrative Assistant for Nursing and Allied Health Programs

Leininger, Barbara (2003- ret.2013), Math Faculty

LoVette, Diane (1998 – ret. 2008), Nursing Faculty

Malott, Lloyd P. (1993 – ret. 2022), Vice President of Administrative Services

Martin, Kent S. (1966 – ret. 2004), Biology Faculty

Mascarenas, Charlyn (1983 – ret. 2009), Early Childhood Education Faculty

Mariscal, Susie (1976 – ret. 2008), Human Resources Assistant

Mata, Catherino (1980 – ret. 2011), Physical Plant

McElroy, Diane (1995- ret. 2019), Nursing Faculty

Medina, Margaret (1997 – ret. 2012), BUENO/HEP GED Coordinator

Mitchell, Nancy (1988 – ret. 2017), Director of Perkins Programs

Mueller, Brenda (2004 – ret. 2021), Psychology Faculty

Myers, Walter “Mack” (2003 – ret. 2024), Agriculture Business Faculty

Newby, Ralph (1987- ret. 2013), CIS Faculty and Chair Business Technologies/Service Occupations

Nicholson, Debbie (1993- ret. 2015), Otero Bookstore

Noll, Carol (2015 – ret. 2020) Director of Human Resources

Otteman, Carl (1992- ret. 2011), Auxiliary Services Director

Paolucci, Jeff (1992- ret. 2018), Vice President of Student Services

Pearson, Ken (1980 – ret. 2009), Physical Plant

Phillips, Debra (2002 – ret. 2023), Enrollment Management Coordinator

Randall, Guy (2006- ret. 2021), Webmaster

Rizzuto, Donald (1994 – ret. 2020) Adjunct Business Faculty

Rizzuto, James (2001- ret. 2018), President

Root, Denise (1990 – ret. 2016), Nursing and Health Occupations Director

Salas, Betty (2008 – ret. 2014), Nursing Faculty

Schiro, Jan (1978 – ret. 2010), Student Services Registrar

Simpson, Steve (2006 – ret. 2014), Humanities Faculty and Theatre Director

Six, Becky (1991 – ret. 2008), Educational Assistance Center Director

Stafford, W. Edward (1967 – ret. 2004), English and Theatre Faculty, Theatre Director

Stuchlik, Wayne W. (1987 – ret. 2007), Physical Plant Director

Vialpando, Abel (1975 – ret. 2011), English and Spanish Faculty

Wallace, Ardith (1992 – ret. 2009), Arts Department Faculty and Chair of Arts Department

Walsh, Timothy F. (1970- ret. 2004), English and Literature Faculty

Zumwalt, Alfred (1980 – ret. 2007), Security