

**TRINIDAD STATE
COLLEGE**

**ACADEMIC
CATALOG**
2025-2026



www.trinidadstate.edu



Trinidad State College is your college. We take pride in offering a variety of classes designed to meet your unique needs. From accounting to welding, we have it all and it's all here for you. We hope you find this schedule useful as you plan your future. Whether you're a returning student, a lifelong learner, or a person considering a new career, Trinidad State can help you reach your goals.

We offer courses on two great campuses in beautiful southern Colorado and we are committed to providing you with personalized attention and endless opportunity. With a student to faculty ratio of 16-to-1, we look forward to giving you the one-on-one attention you deserve as you pursue your dreams.

Come by and see us, visit our website at www.trinidadstate.edu, or give us a call at (888) TSC-1925. We hope to see you in one of our classrooms soon.

Your future

awaits!

Warmest

regards,

A handwritten signature in black ink that reads 'Rhonda M. Epper'.

Rhonda M. Epper, Ph.D.
President Trinidad State
College



Enriching our diverse communities through quality educational experiences and lifelong learning.

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Boettcher Business innovation Hub
 Cashier's Office
 Educational Opportunity Center
 Financial Aid
 Registrar
 Residence Hall director, Trinidad Campus
 Scholarships, Automatic Merit (Institutional)
 Scholarships, Trinidad State College Foundation
 Sodexo Dining Service
 Student Life
 Student Well Being
 Testing Center
 Trinidad State Makerspace
 TRiO Student Support Services
 Tutoring & Study Enhancement Areas
 Veteran Benefits

WHAT WE OFFER -- Areas of Study

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Associate of Science (A.S.)
 Associate of Arts (A.A.)
 Associate of General Studies (A.G.S.)
 Associate of Applied Science (A.A.S)
 Certificates
 Bachelor of Science Nursing (B.S.N.)
 Bachelor of Applied Science in Business Administration (B.A.S.)

PATHWAYS

65 - 223

Associate of Arts
 Associate of Science
 Associate of General Studies
 Agribusiness Associate of Applied Science
 Agribusiness Certificate
 Agriculture Science Certificate
 (Agriculture) Crop Science Certificate
 (Agriculture) Associate of Science in Agriculture Business
 Agriculture Education Transfer Major, Associate of Science
 Animal Science Transfer Major, Associate of Science
 Animal Science Certificate
 Applied Technology Associate of Applied Science
 Art History Transfer Major, Associate of Arts
 (Art) Studio Art Transfer Major, Associate of Arts
 Automotive Service Technology Associate of Applied Science
 Automotive Service Technology Certificate (Automotive) Automatic Transmission Certificate
 Automotive Electrical Certificate
 (Automotive) Brakes Certificate (Automotive) Engine Performance Certificate (Automotive) Engine Repair
 Certificate (Automotive) HVAC Certificate
 (Automotive) Manual Transmission Certificate
 (Automotive) Suspension and Steering Technology Certificate Barbering Certificate
 (Basic) Law Enforcement Associate of Applied Science (Basic) Law Enforcement Academy Certificate
 Biology Transfer, Associate of Science Bachelor of Science in Nursing
 Bachelor of Applied Science in Business Administration Business Transfer Major, Associate of Arts
 Business Management Associate of Applied Science (Business) Accounting Clerk Certificate
 Business Management Certificate
 (Business) Entrepreneurial Operations Certificate (Business) Officer Professional Certificate Construction Jobsite

Skills Certificate Cosmetology Certificate Trinidad Campus Cosmetology Certificate Valley Campus
 (Cosmetology) Esthetician Certificate (Cosmetology) Nail Technician Certificate Criminal Justice Transfer Major,
 Associate of Arts
 Computer Information System, Associate of Applied Science Computer Information System, Cybersecurity
 Certificate (Computer Information System) Cloud Administration Certificate (Computer Information System)
 Database Administration Certificate CompTia Certification Preparation
 Dental Assisting Certificate
 Early Childhood Teacher Education Transfer Major, Associate of Arts Early Childhood Education Associate of
 Applied Science
 Early Childhood Director
 Early Childhood Teacher Certificate
 (Early Childhood) Infant / Toddler Supervisor Certificate
 (Early Childhood) T-PREP Trinidad State AAS in Early Childhood to CU Denver Bachelors Economics Transfer
 Major, Associate of Arts
 Elementary Teacher Education Transfer Major, Associate of Arts (Elementary Teacher) T-PREP Trinidad State AA
 to CU Denver Bachelors Emergency Medical Technology Associate of Applied Science Emergency Medical
 Technician Certificate
 Emergency Medical Technician, Advanced Certificate
 English Transfer Major, Associate of Arts
 Exercise Science (Recreation), Trinidad State AA to Colorado State University-Pueblo BS Exercise Science
 (General), Trinidad State AA to Colorado State University-Pueblo BS
 Automotive Service Technology Certificate (Automotive) Automatic Transmission Certificate Automotive
 Electrical Certificate
 (Automotive) Brakes Certificate (Automotive) Engine Performance Certificate (Automotive) Engine Repair
 Certificate (Automotive) HVAC Certificate
 (Automotive) Manual Transmission Certificate
 (Automotive) Suspension and Steering Technology Certificate Barbering Certificate
 (Basic) Law Enforcement Associate of Applied Science (Basic) Law Enforcement Academy Certificate
 Biology Transfer, Associate of Science Bachelor of Science in Nursing
 Bachelor of Applied Science in Business Administration Business Transfer Major, Associate of Arts
 Business Management Associate of Applied Science (Business) Accounting Clerk Certificate
 Business Management Certificate
 (Business) Entrepreneurial Operations Certificate (Business) Officer Professional Certificate Construction Jobsite
 Skills Certificate Cosmetology Certificate Trinidad Campus Cosmetology Certificate Valley Campus
 (Cosmetology) Esthetician Certificate (Cosmetology) Nail Technician Certificate Criminal Justice Transfer Major,
 Associate of Arts
 Computer Information System, Associate of Applied Science Computer Information System, Cybersecurity
 Certificate (Computer Information System) Cloud Administration Certificate (Computer Information System)
 Database Administration Certificate CompTia Certification Preparation
 Dental Assisting Certificate
 Early Childhood Teacher Education Transfer Major, Associate of Arts Early Childhood Education Associate of
 Applied Science
 Early Childhood Director
 Early Childhood Teacher Certificate
 (Early Childhood) Infant / Toddler Supervisor Certificate
 (Early Childhood) T-PREP Trinidad State AAS in Early Childhood to CU Denver Bachelors Economics Transfer
 Major, Associate of Arts
 Elementary Teacher Education Transfer Major, Associate of Arts (Elementary Teacher) T-PREP Trinidad State AA
 to CU Denver Bachelors Emergency Medical Technology Associate of Applied Science Emergency Medical
 Technician Certificate
 Emergency Medical Technician, Advanced Certificate
 English Transfer Major, Associate of Arts
 Exercise Science (Recreation), Trinidad State AA to Colorado State University-Pueblo BS Exercise Science
 (General), Trinidad State AA to Colorado State University-Pueblo BS
 Automotive Service Technology Certificate (Automotive) Automatic Transmission Certificate Automotive
 Electrical Certificate

Gunsmithing, Associate of Applied Science
 Gunsmithing Certificate
 Gunsmithing Technician Certificate (Gunsmithing) Custom
 Pistolsmithing Certificate
 (Gunsmithing) N.R.A. Firearms Safety Instructor Certificate
 (Gunsmithing) N.R.A. Summer Classes Schedule Hairstylist
 (Cosmetology) Certificate
 Health Sciences (Pre-Athletic Training), Trinidad State AA to CO State Univ.-Pueblo BS History Transfer
 Major, Associate of Arts
 Human Services, Associate of Applied Science Human Services
 Level I Certificate
 Human Services Level II Certificate
 Law Enforcement Associate of Applied Science Law
 Enforcement Academy Basic Certificate
 Line Technician Certificate (Rocky Mountain Line Technician) (Line Technician)
 Electrical Technology Fundamentals Certificate
 (Line Technician) Power Construction Supervision Associate of Applied Science Mathematics
 Associate of Science
 Medical Assistant professional Associate of Applied Science Medical Assistant
 Professional Certificate
 Nail (Cosmetology) Technician Certificate Nurse Aide
 Certificate
 Nursing Associate of Applied Science, Associate of General Studies Pre-Requisite (Nursing) Practical
 Nurse to Associate of Applied Science
 (Nursing) Practical Nurse Certificate (Nursing) Bachelor of
 Science in Nursing Paramedic, Associate of Applied Science
 Paramedic, Certificate
 Physics Transfer Major Associate of Science
 Pre-Engineering Transfer to Colorado School of Mines Psychology
 Transfer Major Associate of Arts Psychology Transfer Major
 Associate of Science Sociology Transfer Major Associate of Arts
 Soil and Crop Science (Agriculture) Associate of Science Studio Art (Art)
 Transfer Major Associate of Arts
 Trail Management and Construction Continuing Education, Skills building, non credit The Partnership
 for Rural Educator Preparation (T-PREP)
 Technical Theatre Associate of Applied Science Theatre
 Transfer Major Associate of Arts
 Welding Technology Associate of Applied Science

Welding Technology Certificate

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Phone Numbers
Governing Board Listing, Chancellor, Advisory Council, President

TRINIDAD STATE COLLEGE

Trinidad State College (TSC) is a comprehensive community college operated under the governance of the State Board for Community Colleges and Occupational Education. TSC is the first two-year college in Colorado, established in April 1925 through the legislature of the State of Colorado, and offers both Academic Transfer and Career and Technical Education programs. Our 100th Anniversary will be celebrated in 2025! For more information on Trinidad State's history visit <https://trinidadstate.edu/history-ts/>

Mission Statement

Enrich our diverse communities through quality educational experiences and lifelong learning.

Vision Statement

Driving shared prosperity in our communities.

Core Value

Students First. We put our students at the forefront of everything we do; our primary role is to provide students with the tools they need to be successful.

Strategic Plan

Trinidad State College's 2025-2030 Strategic Plan may be found at this link: <https://trinidadstate.edu/strategic/>

Trinidad State College is committed to providing its students with rigorous, integrated, comprehensive academic and occupational-technical curricula for quality academic transfer, occupational degree, and certificate programs. Our faculty and staff provide personalized attention with a student to faculty ratio of 16 to 1. The College has grown from its enrollment of thirty-seven students in 1926 to its present headcount of approximately 1,700 annually between the main Trinidad Campus, the extension Valley Campus in Alamosa. We are dedicated to our students throughout their career at TSC—from getting enrolled and finding financial aid, to academic advising through graduation and transfer.

The Higher Learning Commission of the North Central Association of Colleges and Schools has continuously accredited Trinidad State College since 1962. TSC awards Associate of Arts degrees, Associate of Science degrees, Associate of General Studies degrees, Associate of Applied Science degrees, Certificates of Completion, Bachelor of Science, Nursing degree and Bachelor of Applied Science, Business degree.

Trinidad State College Catalog 2025-2026

This catalog, like other online tools, is designed to give TSC students the best guide to find the right courses to complete their educational goals.

Catalog Content Sections

- Welcome
- Admissions, Registration & Student Services
 - Financial Information
 - Academic Information
- Programs & Courses
- Rights & Legal Notices

WELCOME

About this Section

The information in this section will provide you with basic information about TSC, the academic calendar and other helpful information about the College.

Start Here

- How this Catalog Can Help You Succeed
- Academic Calendar
- About Trinidad State College
- Campus Information
- Publishing Information

HOW THIS CATALOG CAN HELP YOU SUCCEED

Valuable Links

- How to apply | <https://trinidadstate.edu/admissions/>
- How to register | <https://trinidadstate.edu/admissions/process>
- How to get help from Academic Advising | <https://trinidadstate.edu/advising/>
- Where to get help and student resources | People and Resources | <https://trinidadstate.edu/people/>
- Which programs we offer | <https://trinidadstate.edu/academics/>
- Which courses we offer | <https://trinidadstate.edu/catalog/current/>
- What your classes cost | tuition and fees | <https://trinidadstate.edu/tuition/pdf/tuition.pdf>
- How to pay for college | <https://trinidadstate.edu/payment-options/>
- How to apply for financial aid | <https://trinidadstate.edu/fia/>
- The rules to follow (Code of Conduct) | Student Handbook | https://trinidadstate.edu/pdf/students/student_handbook.pdf

Helpful to Know

Each course listed in the catalog may not be offered every semester. Some courses are taught only when there is a demand for specific instruction to complete a major curriculum. For a list of courses available each semester, consult the current online class schedule in Navigate or on website at <https://trinidadstate.edu/schedule>

Where to Find Catalog Updates

This catalog is true and accurate at the time of publication. Additions and changes may occur because of changes in state, system or college regulations or accreditation requirements. Updates, changes and addenda to this catalog can be found at <https://trinidadstate.edu/catalog/>.

Note: nothing in the catalog, class schedule, resident hall handbook, program handbooks or student handbook is intended to create (nor shall be construed as creating) an expressed or implied contract. TSC reserves the right to modify, change, delete, or add to, as it deems appropriate, the policies, procedures and other general information in the catalog class schedule, resident hall handbook, program handbooks or student handbook.

ACADEMIC CALENDAR

Academic Calendars |

<https://trinidadstate.edu/academic-calendar/>

Class Sessions

Each semester offers two sessions. Credits earned through either session are equal to one another. Class duration, start dates and end dates vary; you should check the course schedule for complete details.

Notice of Non-Discrimination

The college does not discriminate on the basis of sex/gender, race, color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status, religion, or sexual orientation in its employment practices and educational programs and activities. Learn about our diversity:

https://trinidadstate.edu/pdf/fast_facts_01.pdf

General Education and Technical Education

The College defines general education as courses that are balanced and broadly based. Courses expose students to the mainstays of thought and interpretation in humanities, sciences, communications, mathematics, social studies, and arts. They also develop the student's understanding of the interrelationships among these fields of study.

The College works toward the enhancement of an informed citizenry with the ability to think critically, communicate effectively, and solve problems, both qualitative and quantitative. The College strives to provide general education that promotes tolerance, lifelong learning, and a devotion to free inquiry and free expression.

General Education Goals

- Read and comprehend college level work
- Explain and defend ideas verbally and in writing
- Examine ideas using critical reasoning
- Solve problems using logic, mathematics, technology, and creative thinking
- Demonstrate responsible citizenship

Career and Technical Education Goals

In addition to general education goals, students graduating from Career and Technical Educational programs will be able to:

- Perform job related tasks
- Apply theory in an area of technical specialty
- Demonstrate work ethic and responsibility

Transfer Education Program

The College provides opportunities for students to fulfill the lower division requirements of a college education in liberal arts or the professions and to qualify students for admission to the junior year at other colleges and universities by providing two-year transfer educational programs.

Transfer Education Goals

In addition to General Education goals, students transferring from TSC in Arts and Sciences will be able to:

- Plan and write well-organized essays and papers that focus on interpretation, criteria analysis, and evaluation
- Use basic resources to conduct research (library, internet, and other secondary data sources)
- Think and respect different systems of human values, both contemporary and historical
- Make connections between the past, present, and future
- Use mathematical data and synthesize data using scientific methods
- Accept and apply professional ethics
- Be admitted to a four-year college or university and succeed in their chosen field of study at such an institution

Continuing and Customized Workforce Education

The College also provides non-credit programs and offerings that are academic, vocational, and cultural in nature.

Goals

- Facilitate and/or enhance occupational, intellectual, cultural, social, and personal development
- Meet the changing needs of area residents, traditional and nontraditional students, business, industry and the community

Assessment Committee

These educational goals are addressed throughout a student's tenure at Trinidad State College. Student learning is evaluated through components embedded within course assessments. Additionally, students may be asked to participate in various ongoing course assessment efforts. The College Assessment Committee oversees assessment efforts. This committee's primary task is to improve student learning through regular reporting, discussion and course modification efforts.

Gainful Employment

On each TSC's Academic Transfer or Career and Technical Education Programs page you will find Gainful Employment Data and Professional Licensure Disclosures (if applicable) Learn more about each program with information on potential occupations, median salaries, and job openings both in Colorado and nationally.

Transfer Guarantees

To help you transfer course credits, Colorado Department of Higher Education has developed a [statewide GT Pathways](#) (guaranteed transfer pathways) program. Courses that are part of this program are identified in the catalog with the words, "This course is one of the Statewide Guaranteed Transfer courses." In addition, TSC has many [articulation agreements](#) which also guarantee your ability to transfer your degree to another college. The colleges which accept these degrees are listed on [the Academic page](#) on our website. Trinidad State College follows established programs and agreements in order to guarantee the transfer of credits.

Learn more about our transfer options from one of our [Transfer Advisors](#).

Trinidad State Articulation Agreements with 4-year Institutions

Trinidad State College has transfer agreements with Colorado's four-year colleges and universities. These agreements ensure that if a student completes requirements for graduation with an Associate of Arts or Associate of Science Degree, the students have fulfilled general education requirements and will be granted upper division status at the receiving institution.

Colorado Community College System Statewide Articulation Agreements (Degrees with Designation)

Agriculture Business

- Colorado State University-Fort Collins

Agriculture Education

- Colorado State University-Fort Collins

Animal Science

- Colorado State University-Fort Collins

Anthropology

- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver

- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

Art History

- Colorado Mesa University
- Colorado State University-Ft Collins
- Colorado State University-Pueblo
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

Biology

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

Business

- Adams State University
- Colorado Mesa University
- Colorado Mountain College
- Colorado State University-Fort Collins
- Colorado State University-Global Campus
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Criminal Justice

- Colorado Mesa University
- Colorado State University-Global Campus
- Metropolitan State University of Denver
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado

Early Childhood Teacher Education

- Adams State University
- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Denver
- University of Northern Colorado

Economics

- Adams State University
- Colorado State University-Ft Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

Elementary Teacher Education

- Adams State University
- Colorado Mesa University
- Colorado Mountain College
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Environmental Horticulture-Landscape Business

- Colorado State University-Fort Collins

Equine Science

- Colorado State University-Fort Collins

Geography

- Adams State University
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado

History

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Mathematics

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder

- University of Denver
- University of Northern Colorado
- Western Colorado University

Nursing Agreements

- Colorado State University-Pueblo
- Metropolitan State University of Denver
- University of Colorado-Colorado Springs

Physics

- Colorado Mesa University
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado

Pre-Engineering

- Colorado Mesa University
- Colorado School of Mines
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs

Psychology (BA)

- Adams State University
- Colorado Mesa University
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Psychology (BS)

- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- University of Denver

Sociology

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado Boulder
- University of Colorado Colorado Springs
- University of Colorado Denver
- University of Northern Colorado
- Western Colorado University

Soil and Crop Science

- Colorado State University-Fort Collins

Studio Art

- Adams State University
- Colorado Mesa University
- Colorado State University-Ft Collins
- Colorado State University-Pueblo
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

Theater

- Adams State University
- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Northern Colorado
- Western Colorado University

Business Agreements

- Western Governors University

AAS to BA Interdisciplinary Studies with Adams State University

- Cosmetology
- Diesel Technology
- Gunsmithing

Accreditations and Affiliations

Trinidad State College is accredited by:

The Higher Learning Commission of the North Central Association of Colleges and Schools
230 South LaSalle St., Suite 7-500
Chicago, Illinois 60602-1411
(800) 621-7440; (312) 263-0456

The most recent comprehensive evaluation for continued accreditation at the Associates' degree-granting level occurred in 2016, with a result of continued ten-year accreditation.

Program Accreditations and Governance:

Barbering and Cosmetology Programs

Division of Professions and Occupations
Department of Regulatory Agencies
1560 Broadway, Suite 1350
Denver, CO 80202
Phone: (303) 894-7800
Fax: (303) 869-0364
Email: dora_barbers-cosmetology@state.co.us

Colorado Law Enforcement Training Academy

Criminal Justice Section-Colorado Peace Officers Standards and Training Board
1300 Broadway, 9th Floor
Denver, CO 80203
Phone: (720) 508-6721
Email: post@state.co.us

Nursing Program

Colorado State Board for Nursing 1560 Broadway, Suite 1350
Denver, CO 80202
Phone: (303) 894-2430
Fax: (303) 894-2821
Email: dora_nursingboard@state.co.us
www.colorado.gov/pacific/dora/nursing

The Accreditation Commission for Education in Nursing

3343 Peachtree Road NE, Suite 850
Atlanta, Georgia 30326
Phone: 1 (404) 975-5000
Fax: 1 (404) 975-5020
<https://www.acenursing.org/>

Registered Nurse-Bachelor of Science, Nursing

The RN-BSN program is accredited by:
Commission on Collegiate Nursing Education (CCNE), 655 K Street, NW, Suite 750

Washington, DC 20001

P: (202) 887-6791, F: (202) 887-8476

<https://www.aacnnursing.org/CCNE>

Nursing Assistant Program

Colorado State Board for Nursing

1560 Broadway, Suite 1350

Denver, CO 80202

Phone: (303) 894-2430

Fax: (303) 894-2821

Email: dora_nursingboard@state.co.us

www.colorado.gov/pacific/dora/nursing

Welding-EPIC

National Center for Construction

Research and Education

13614 Progress Boulevard

Alachua, FL 32615

Phone: (888) 622-3720

Fax: (386) 518-6303

CAMPUS INFORMATION

Trinidad and Alamosa Campus map links:

<https://trinidadstate.edu/locations/tc>

<https://trinidadstate.edu/locations/vc>

Trinidad Campus

The Trinidad Campus offers both a residential and commuter college experience in a beautiful setting on the eastern edge of the Sangre de Cristo Range of the Colorado Rockies. The historic 17-acre campus sits at 6,000 feet and is adjacent to mountains on the north, south and west and canyons and rolling prairie on the east. In addition to academic program and career and technical program buildings, the campus has four residence halls, a cafeteria, and a newly renovated library featuring a student learning commons, business incubator hub, and a makerspace. Found on the lower floor of the library is the [Louden-Henritze Archaeology Museum](#) which includes displays on the early geological formations, plant and marine-animal fossils, a dinosaur track exhibit, and artifacts pertaining to the culture, food, and tools of prehistoric man found during excavations in and around the Trinidad area. College NJCAA Athletic programs housed on the Trinidad Campus include basketball, baseball, softball, soccer, wrestling, and volleyball. Expanding to the Trinidad Campus in academic 2024-2025 is eSports.

Valley Campus in Alamosa

The Valley Campus of TSC is located in downtown Alamosa. It is a commuter campus that features friendly staff and small class sizes. Career and Technical programs include Nursing, Medical Assistant, Dental Assisting, Welding and Cosmetology. The Law Enforcement Academy and Auto Mechanics programs operate training sites at off campus locations in Alamosa. Students take a variety of courses offered in traditional classrooms including Business, Chemistry and Math. Athletic NJCAA programs on the Valley Campus include Track and Field and Cross-Country. eSports is active on the Valley Campus and is a training ground for one of the most exciting and fastest-growing industries in the world today.

At 7,600 feet in elevation, Alamosa sits in the middle of the San Luis Valley, the highest and largest mountain desert in the world. To the west are the majestic San Juan Mountains and to the east the rugged Sangre de Cristo Range. The Great Sand Dunes National Park is located 35 miles to the northeast and features the tallest dunes in North America.

Additional Locations include:

Auto Service Technology (Alamosa)

Law Enforcement Training Academy (Alamosa)

Primero School District (Weston)

Rocky Mountain Line Tech Program (Colorado Springs)

Trinidad Correctional Facility (Las Animas County)

CATALOG PUBLISHING INFORMATION

<https://trinidadstate.edu/https://trinidadstate.edu/catalog/>

[alog/](https://trinidadstate.edu/)Published by Trinidad State College 2025-2026

<https://trinidadstate.edu/>

<https://trinidadstate.edu/catalog/>

This catalog is effective summer semester 2025 through spring semester 2026. TSC reserves the right to change provisions, requirements and fees that are listed in this catalog. Without notice, TSC may cancel any course or program or change its content, description, timing, availability, location, academic credit or any other aspect. 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.

ADMISSIONS, REGISTRATION & STUDENT SERVICES

About this Section

The information in this section guides you through the admissions process including the steps to successful course registration. You will find resources for new students and continuing students as well as other important information on getting academic advising and paying for college.

Start Here

- Enrollment Process
 - Admissions: Getting Started
 - Financial Responsibilities
 - Program Pathway
 - Registration
- Admissions: Getting Started
 - Admissions Information
 - Steps to Successful Admissions through Registration
- Financial Responsibilities and Information
 - Understanding what college costs (tuition, course fees, college fees, books, residence hall expenses)
 - How to pay for college (financial aid, scholarships, payment plan)
- Academic Information
- Student Support Services
- Helpful Contact Information- Where to get help

ADMISSIONS INFORMATION: GETTING STARTED

About This Section

Use this section as a guide while applying through TS Connect Portal (<https://trinidadstate.edu/apply/>) using the onboarding Navigator.

Whether you are new to Trinidad State College, transferring from another institution or returning to Trinidad State after an absence of two semesters, you should apply for admission. Our open admission policy provides access to all who desire a higher education or seek to enhance their knowledge and skills. Welcome.

Questions? Stop by the Admissions Office of Student Services on either campus – Berg 201 on the Trinidad Campus, Welcome Center Suite 104 on the Valley Campus, email TS.Admissions@trinidadstate.edu, or call 719-846-5621 or 719-589-7026

Admission Policy

Trinidad State has an open-access admission policy and accepts applicants 17 years of age or older.

Completed admission applications will remain active for **two** subsequent semesters after the term indicated on the application.

Non-high school graduates are strongly urged to take a high school equivalency test and earn a high school equivalency certificate. Contact Trinidad State Adult Education Services for more information.

<https://trinidadstate.edu/adult-education>

Phone: 719-846-5640

Selective program or course admissions

Admission to the college does not guarantee enrollment into a particular course or program. If an applicant does not meet the requirements for a particular program, the student will be advised of courses or programs available to them. Admissions are subject to space availability and program requirements.

TSC reserves the right to deny admission or continued enrollment to anyone who has misrepresented their credentials or background.

STEPS TO SUCCESSFUL ADMISSION

Application for Admission

<https://trinidadstate.edu/apply/>

Admission acceptance letters are sent by email or

mobile message. If you have questions, please contact TS.Admissions@trinidadstate.edu.

Re-Admission (Former Students)

Former students who return after an absence of **two** consecutive semesters or more must reapply for admission. Please use account and email previously created. Re-admitted students will be subject to the requirements of the current catalog.

Selective Application Procedures

Select programs have a separate application process due to limited space and prerequisites designed to facilitate successful completion. You need to review the program requirements in this catalog and contact the appropriate academic advisor for assistance with selective application procedures.

Student Identification Number

A state law, initiated in 2003, requires that each Colorado post-secondary institution assign you a unique ID number that cannot be your social security number. This number is the student identification number (S#), which is assigned when you apply to the College. The S# assigned when you initially apply will be the same number used at any Colorado Community College System member college. A social security number is required for financial aid, the College Opportunity Fund, VA benefits, and records integrity and tax purposes.

Underage Admission

According to Colorado Revised Statute 23-60-103(3), TSC admits students who are 17 years of age or older. Students wishing to secure a waiver of the minimum age for admission to the college must meet the criteria as outlined in [State Board PolicyBP4-10](#).

Qualified students must demonstrate readiness for courses by meeting recommended preparation, and prerequisites for the course. Students are required to discuss special considerations, including expectations of college enrollment and appropriateness of course selection, with an advisor or designee, as well as complete the underage admission waiver. An advisor can provide the underage waiver. The underage admission waiver must be signed by the student and parent, or legal guardian, indicating that the student and parent/guardian have been advised regarding the expectations of the college. It will then need to be signed by a college vice president and the college president.

International Students are required to provide evidence of insurance in accordance with the International Student Application process.

Denial of Admission

The College may deny admission to anyone whose background indicates that their presence would interfere with the function of the college or would endanger the health, safety, welfare, or property of others. TSC has the right to deny admission or continued enrollment to anyone who has misrepresented their credentials or background.

Privacy

In applying to the College, you must act on your own behalf. Others may not access your student information without your prior written approval (see Family Education Rights and Privacy Act).

Immunization Requirements

Immunization Requirements

Colorado Law (Board of Health rule 6 CCR 1009-2) requires that all full-time students born after January 1, 1957 show proof of immunization against measles, mumps, and rubella. Students residing in student housing are also required to show proof of immunization against meningococcal disease at the time of housing check in.

There are two types of immunization exceptions. Medical exemptions must be signed by a licensed physician and must include a date and reason for exemption. Non-medical exemptions are provided for religious or personal beliefs that are opposed to immunizations. Please contact the Housing Director for more information: (719) 846-5497.

Certification and waiver forms are available online on the Student Life Housing link under immunization link or at the Student Services Office. The COVID-19 vaccination is not required as a condition of enrollment at the College. The College will provide students with a list of local providers offering the COVID-19 vaccine at no cost.

Student Health Insurance

TSC does not require health insurance for non-athlete students, with the exception of international students. However, all student athletes and all international students must show proof of a student health insurance plan. Trinidad State encourages all students to carry health insurance. For information on student insurance, see the Student Services Office on your campus.

ENROLLMENT PROCESS

The enrollment process includes:

1. Applying for Admissions
2. Understanding your Financial Responsibilities and Applying for Financial Assistance
3. Choosing your Program of Study
4. Understanding your Academic Pathway
5. TSC Portal
6. Meeting with an Advisor
7. Registering for Classes
8. Student ID, Renting or Purchasing Books and Supplies
9. Completing the Payment Process / Signing up for the Payment Plan

STEPS TO SUCCESSFUL ENROLLMENT

Step 1. Apply for Admission

Get started by filling out a free online application at <https://trinidadstate.edu/apply/>. Applying is free and students at least 17 years of age will be automatically accepted. TSC will send an acceptance text and letter via email with your Student ID number and instructions to log into the TS Connect student portal.

Step 2. Financial Responsibility / Apply for Financial Aid, College Opportunity Fund (if applicable), Scholarships, Work Study and Payment Plan

The expenses of college include tuition, course fees, college fees, payment plan fee, books and supplies. If living on campus, it will also include residence hall and cafeteria expense. When you register for courses these expenses are your responsibility.

There are many potential sources of aid to help you meet your financial responsibility.

1. Fill out the Free Application for Federal Student Aid (FAFSA). This application establishes eligibility for federal aid (Pell grants, Student Loan and Work-Study eligibility. TSC's school code is 001368. FAFSA adheres to an Academic Calendar (July 1 – June 30 – Fall, Spring, Summer semesters). For assistance, in completing and understanding the FAFSA, email the Educational Opportunity Center at TrioEOC@trinidadstate.edu or call (719) 846-5689.

Reapply for FAFSA every year. Again, the FAFSA application establishes eligibility for federal aid including Pell grants, Student Loan eligibility and Work-Study eligibility.

2. If you are a Colorado resident, fill out the documentation for the College Opportunity Fund (COF) stipend. <https://cof.college-assist.org/> TSC can also submit COF on behalf of Colorado student resident if student indicates this on college admission application.
3. Undocumented students may complete the Colorado Application for State Financial Aid (CASFA). Students who qualify for ASSET tuition classification may use the CASFA to apply for state financial aid (including Colorado Student Grant and Work-Study (if DACA).
4. Turn in your official high school transcript to qualify for Trinidad State institutional scholarships.
5. The Trinidad State College Foundation Scholarship application opens in January each year. The scholarship application process is QUICK and EASY! With your answers to just a few questions, your application will be automatically matched to multiple scholarship opportunities at once!
<https://www.trinidadstate.edu/scholarships>
6. Additional scholarship resources links are found at this link
<https://www.trinidadstate.edu/scholarships>.
7. Consider a part-time job or seek work-study positions. Work Study is a financial aid program designed to assist students with employment opportunities on campus, or with partner organizations in the community. A step by step process to apply for Work-Study is available at <https://www.trinidadstate.edu/fia/workstudy-jobs.html>

Step 3. Choosing your Program of Study

Step 3. Academic Responsibility: Pick the Best Math & English Class For You

You have several options to determine your placement in English and/or math courses. TSC provides several options to determine which classes are best for you.

Step 4. Understanding your Academic Pathway

Academic Advisors will assist you in understanding your chosen Academic Pathway. Academic advisors review the Academic Pathway

reviewing semester by semester course requirements to successfully complete program of study.

STEP 5. Meet with an Advisor

Academic advisors will help you learn to pick the right classes, understand program requirements and teach you how to register for classes according to your chosen academic pathway. They will answer questions you may have. To make an appointment with an advisor, schedule through the TS Connect Portal via Navigate or call the Advisor Line. Trinidad Campus 719-846-5026 or Valley Campus 719-589-7296.

A registration hold is placed on all new student accounts. It will be removed once you have met with an Advisor.

STEP 6. TSC Portal

Log into the TSC Portal.

From the TSC website go to the Portal link at the top or bottom of the home page. To log in for the first time, use your Student ID# and your 6-digit birthdate (MMDDYYYY) as the password on the login screen. You will be asked to reset your password when you first log in for security purposes. Check your student email (generated when registered), search and register for classes, pay your bill, view financial aid status, access online courses and more in the TSC Connect Portal.

All official communication from Trinidad State is delivered through your student email. For assistance with portal login, contact IT Support Desk Trinidad: 719-846-5663 or IT Support Desk Valley: 719-589-7105.

STEP 7. Register for Classes

Note: A registration hold is placed on all new student accounts. The hold will be removed once the student has met with an Advisor.

Students may register for classes using NAVIGATE Student Success Platform, accessed through TSC Connect Portal.

To register online, login to the Portal and click on the "Student" tab to register for classes. Use the 5-digit CRN in the class schedule to add a class to your schedule.

Verify your Academic Plan in Degree Works, located in the Portal, under the "Student" tab.

To register in person and identify your program pathway, meet with an Academic Advisor.

STEP 8. Get your Student ID; Purchase or Rent Books & Supplies

You may obtain your Student ID in the Admissions office on either campus.

The Trinidad State Bookstore offers purchasing as well as rental of books and/or course supplies. All enrolled students may charge up to \$750 at the bookstore regardless of Financial Aid. For additional charging amounts, please contact the financial aid office. Any charged amounts are applied to student bill. The last day to charge to your student account is census date which you will find on the academic calendar.

STEP 9. Complete the Payment Process / Sign up for the Payment Plan

Access and pay your student bill. Log onto the TSC Connect Portal, click on the "Pay My Bill" icon. If you will not be paying your bill in full at this time, sign up for the payment plan.

Sign up for the Payment Plan through the TSC Portal. Click on the *Student Finance* card and select *NelNet Set-Up Payment Plan*.

Why enroll in a payment plan?

- A payment plan is a **student billing** payment option allowing students to plan and spread their payments throughout the semester, so students won't have to worry about being dropped from classes for non-payment or have a large lump sum payment due date at the end or beginning of the semester.
- Payment plans ensure that student bills are paid allowing them to continue their education and register for the following semester without being sent to collections for non-payment (which carries at least a 30% APR).
- Failure to pay your bill or to enroll in a payment plan will result in your being dropped from classes for non-payment.

TSC Payment Options Link (found under "Payment Options" and "Financial")

<https://trinidadstate.edu/payment->

[options/index.html](#)

Student Handbook (pg 21-22)

https://trinidadstate.edu/pdf/students/student_handbook.pdf

Do you have questions?

How may we help?

<https://www.trinidadstate.edu/people/>

ACADEMIC ADVISING

Academic Advising & Student Success Centers

<https://www.trinidadstate.edu/advising>

Trinidad Campus | 719-846-5026 |
Berg Building Room 209

Valley Campus | 719-589-7296 |
Welcome Center Suite 104

TSD's academic advisors are important components of your success team. Students are responsible for making the decisions that help them achieve their academic and career goals and your Academic Advisor is available to answer questions and support you along the way.

The relationship that you have with your academic advisor is important. This is to help you choose the right major or program for your educational and career goals and to reach the goal of graduation and/or transfer. New and transfer students are assigned an advisor after your first general advising session. Assigned advisor is program specific and will be based on your declared program or major within two weeks after each semester begins.

Go to <https://www.trinidadstate.edu/pathways> to learn more about the advising pathways, success programs, degrees and certificates.

An Academic Advisor:

- Helps you identify your strengths and challenges to maximize your goals.
- Helps you identify the degree or certificate program that matches your goals.
- Helps you create an academic plan and choose the correct courses.
- Helps you understand the registration process.
- Helps you discover the transfer options and institutions to meet your goals.
- Helps you access resources on campus to support your classroom success.
- Provides accurate and timely information.

Students are encouraged to meet with an advisor at the beginning of each semester as well as throughout the semester.

Advisors is available in the Advising/Financial Aid Suite on the Trinidad Campus or in the Welcome

Center on the Valley Campus. Services available include academic advising, degree works evaluation, transfer, scholarship information, and tutoring arrangements.

NOTE:

New and readmitted students need to make an appointment with an academic advisor to ask and answer questions and so the advisor may release the registration hold. Students that choose not to meet with their advisor may inadvertently take courses that will not apply to their certificate or degree program which may affect financial aid (CPOS) or transfer to four-year institutions.

Transfer advising is available for TSC students planning to attend a four-year college. It is important to get transfer advising, which is different than course registration. Once a student begins classes, transfer advisers can assist with selection of colleges, understanding the necessary steps to be transfer-ready, and assurance that the student is taking the appropriate courses for the major they want to pursue.

For more information on advising, please go to the following website:

<https://www.trinidadstate.edu/advising>

Declaring or Changing Your Program of Study

You should declare your program of study when completing the application for admission. You declare a program of study when first enrolling and should verify the program online via TSC Portal semester. New students should consult this catalog or an academic advisor to determine available programs of study.

You may request to change your program of study with the Office of Registration and Records and/or may need to see your academic advisor for select programs and approvals. Meet with your academic advisor to discuss program requirements before changing your program of study.

You should consult with Financial Aid and Scholarships, International Student Service, and Veteran Support Services before changing your program of study as it may impact your eligibility.

TSC PORTAL

TSC Online Student Portal

You are expected to utilize TS Connect Portal to:

- Access student email.
- Access Navigate for academic planning, class registration, and more.
- Make appointments with advisors
- Sign up for the Payment Plan
- Pay student bill.
- Obtain financial aid information.
- View grades and unofficial transcripts.
- Review degree progression via Degree Works.
- Order official transcripts.
- Obtain official enrollment verification.
- Check residency status.
- Authorize COF (College Opportunity Fund)

REGISTERING FOR CLASSES

New students will need to meet with their academic advisor before registering for classes. Returning students are encouraged to meet with your academic advisor to ensure appropriate course placement and degree progress before registering for classes through Navigate.

Registration instructions and deadlines are published each semester in various college publications. It is your responsibility to stay informed of all deadlines and policies.

Learning Options / Classroom Formats

To meet the diverse needs of our students, TSC offers a variety of classroom formats.

- In-Person, On-Campus Courses

TSC offers in-person, on-campus courses in which you are required to attend class on specific days and times. Instruction may include lectures, small group discussions, labs, or other in-person delivery methods. These courses may also include online exercises. Classroom location is noted on the schedule.

- Hybrid On/Off Campus Courses

Hybrid On/Off Campus classes require attendance at set days and times either in-person or virtual presence via WebEx/Zoom. Classroom location noted on schedule or virtual attendance.

- Colorado Online Courses

These classes are completely, 100%, online (anytime).

TSC Online class offerings are found within the class schedule. Classes listed as CO Online @ Consortium as well as TSC CCCOnline are fully online courses.

Information about Colorado Online:

<https://cccs.edu/colleges-programs/programs/online/>

Notes:

- Evening & Weekend Courses

Evening and weekend courses are face-to-face and require attendance on specific days and times. Many evening and weekend courses may be second session late or may be accelerated.

- Second Session Courses

Second Session courses start later in the semester as indicated in the TSC schedule. Credit earned through Second Session courses is identical to credit earned through any other TSC course. Class duration, start dates and end dates vary; check the course schedule for complete details.

Helpful Information

Add/Drop Classes

It is your responsibility to add or drop classes by the published deadline.

- You may add classes until the last day to register according to published deadlines.
- You may drop classes for a full refund by the published census date for each class.

Dates are published each semester at <https://www.trinidadstate.edu/academic-calendar>. Census dates vary, so it is important to know the census date of any given class. Check the academic calendar or with the registrar for Census dates.

NOTE: What is the difference between “drop” and “withdraw”? If you drop a class before the census date, you will receive a tuition refund and you will not lose College Opportunity Fund (COF) credits. You can withdraw between the census and withdrawal dates. It won't affect your grade point average. However you will be financially responsible for paying for the class, you will not get a refund, and you will lose COF credits.

Maximum Course Load

Eighteen (18) credit hours is the maximum course load for all students. You cannot register for more than 18 credits in any given semester without review and approval by an academic advisor for the advising pathway that contains your program or major.

Course Withdrawal

Withdrawing from a class after census date will result in a grade of W. Withdrawal dates vary; all withdrawal dates are specified in the course schedule and on academic calendar. Withdrawal dates may be

verified with the Office of the Registrar. No academic credit is awarded for a withdrawal. A withdrawn course will count in attempted credits.

Any student may withdraw from any course(s) or the college without academic penalty anytime up to and including eighty percent (80%) of total class days. All courses withdrawn during this period will receive the grade "W." Courses designated "W" will be recorded on the student's permanent record but will not be used to calculate the student's semester or cumulative grade point average. After the dates for withdrawal without penalty specified above, the students may not withdraw from a course, and "W" is no longer a grade option for the instructor.

A student may withdraw from a course via the Navigate app in TSC Connect Portal.

Notes:

Students are responsible for the full amount of tuition and fees for courses from which they withdraw.

Students should check with Financial Aid and Scholarship parameters prior to dropping or withdrawing from any classes as this could affect your financial aid award and you may have to repay awards or scholarships. Veterans should consult with the VA Certifying Official prior to withdrawing from a course, as it may impact their educational benefits.

Withdrawal from College-All Courses

Withdrawal from College/All Courses - A student who decides to withdraw from all enrolled courses must obtain the "Add/ Drop Withdrawal form from the Vice President of Student Affairs. This form must be completed and returned with the current ID before withdrawal from college is official. The student must come in person and fill the form out in front of an advisor.

A 'student-initiated' total withdrawal from college can be completed up to and including the last date to withdraw from classes for the term. As part of a total withdrawal from college, a student cannot withdraw from a class that has already given its final exam or has otherwise ended.

The withdrawal code to be used by an instructor will be a "W" to show a termination of enrollment or an "I" for an incomplete, which allows the student to complete specific course requirements at a later date. The instructor and student must complete all required protocols before the instructor can assign a grade of incomplete.

Note:

In unusual circumstances (death, disability, emergency), the Vice President of Academic Affairs, a Dean or Division Chair, Registrar, or the academic advisor may initiate a withdrawal for a student. Procedures for withdrawing from the institution may be initiated only in the office of the Vice President of Academic Affairs.

TRANSFER OF CREDITS INTO TRINIDAD STATE

<https://www.trinidadstate.edu/transfer-in/>

Transfer Credit Guidelines

A student who wishes to transfer to Trinidad State College may do so provided that the student is in good standing at the college from which they wish to transfer. Transfer students will apply for admissions as first-time freshman. Each applicant for admission who has attended another institution or college may not disregard a previous collegiate record.

An official transcript must be sent directly to Trinidad State from the institution(s) where the credits were earned. College transcripts will be evaluated prior to registration to ascertain acceptable credits that apply to the student's program of study. Only transfer credits with passing grades will be evaluated and applied to transcripts. Up to 45 credits earned at regionally accredited colleges or universities or other approved educational institutions may be applied toward fulfilling TSC program requirements. These transfer credits will be used to fulfill as many course/program requirements as possible. Courses for which there are no equivalencies will be treated as electives.

Transfer credits and grades will not be used in calculating cumulative GPA at Trinidad State.

All lower-division undergraduate credit hours awarded within ten years may apply to completing graduation requirements. Credits more than ten years old will receive careful consideration and approval. The Registrar, in conjunction with the department chair of the respective academic divisions, reserves the right to examine any course over ten years old to determine its currency and applicability to existing curriculum and programming before credit is accepted. Courses for which the student has earned a grade of "D" or "F" will not be accepted for credit.

Students with a GPA below 1.5 may be admitted on academic probation. In determining academic standing while attending TSC, the GPA of a transfer student is computed on the basis of credits attempted at Trinidad State College only and will not include credits and grade points earned at other colleges. Please contact the Registrar at 719-846-5550 for more information about accepted transfer credits.

[Registrar Email](#)

Transfer of International Credits

Students who have attended international colleges or universities may either submit their non-U.S. transcripts to an evaluation service to be considered for transfer or they may waive pre-requisites. (International students who have attended other U.S. colleges or universities must submit their official U.S. transcripts.) Trinidad State College accepts non-U.S. transcript evaluations through any NACES member organization. These organizations can be found listed at <http://naces.org/members.html>.

It is up to the student to select an appropriate evaluation service and pay the fees associated with that evaluation. Costs will vary by service and type of evaluation offered. Trinidad State College requires a **course-by-course** or **detailed** evaluation. Credit recommendations do not guarantee acceptance of credits by Trinidad State. Official evaluations can be mailed directly to:

Trinidad State College Registrar's Office
600 Prospect Street
Trinidad, CO 81082
[Registrar's Email](#)

If transcripts are being delivered in person, they must be in the sealed envelope from the evaluation service.

Time Limits on Transfer Credits

Please discuss with TSC Registrar's Office regarding transfer credits pertaining to your academic pathway and degree or certificate program.

PRIOR LEARNING ASSESSMENT (PLA)

Prior Learning is a non-college or experience-based learning that has been attained outside the sponsorship of accredited post- secondary education institutions.

Prior Learning Assessment (PLA) includes learning acquired from work and life experiences, community and volunteer extension courses, individual study and reading, civic, community, and volunteer work, and participation in informal courses and in-service training sponsored by associations, businesses, government, professional organizations, and so forth. PLA is not awarded for EXPERIENCE but for college-level LEARNING, which entails knowledge, skills, and competencies that students have obtained as a result of their prior learning experience.

Prior Learning Assessment Credit may be awarded by a variety of methods that include:

1. Standardized Tests.
2. College Level Examination Program (CLEP).
3. Advanced Placement (AP).
4. International Baccalaureate (IB).
5. Institutional Challenge Examinations.
6. Examination equivalent to the comprehensive final exam
7. Examination may be written, oral, demonstration, or a combination of all three.
8. Evaluated by an area dean or designated subject expert.
9. Published Guides.
10. American Council on Education (ACE) for military training and experiences.
11. ACE (non-collegiate) for industrial and corporate training programs.
12. Other published guides developed by nationally-recognized organizations.
13. Portfolio Assessment; Portfolio requirements and assessments determined by college faculty for work or life experiences that meet the following criteria:
 - The learning is demonstrated
 - Includes both theoretical and applied components
 - Are at the college level

student's program of study.

- Are equivalent to specific college course(s) in the

PRIOR LEARNING ASSESSMENT (PLA)

To be eligible to apply for PLA:

student's program of study.

1. You must be a TSC student.
2. PLA credit must be directly applicable to your declared certificate or degree program.
3. Prior learning must be demonstrated and cover specific core competencies.
4. It is the student's responsibility to determine the transferability of PLA credits outside the Colorado Community College system.
5. Your TSC transcript will show class credit only; no grades are assigned to PLA credit.
6. You may receive PLA credit in any amount not to exceed 75% of the total credits required for your degree or certificate
7. A student seeking PLA credit must contact the Registrar to initiate the process

Official cumulative, permanent records must be established and maintained for all students who have been awarded credit from prior learning experiences. Official Trinidad State transcripts shall designate all credit earned through the prior learning process. Such credit shall be identified with a special course prefix, course number and designated credit hour(s). All documentation used as a basis for credit awarded is to be maintained by the Registrar's Office.

The Registrar and applicable faculty will evaluate prior learning credit transferred from a regionally accredited institution.

TSC's Testing Center offers the College-Level Examination Program (CLEP) tests. Both nationally recognized tests allow you to receive college credit for learning acquired outside the traditional college classroom. Also, see Prior Learning Assessment Credit.

Western Interstate Commission for Higher Education

Residency Classification for Tuition Purposes

Your residency classification for tuition purposes is based on the information you provide on your admissions application in accordance with Title 23, Article 7, Colorado Revised Statutes, as amended. You have the right to challenge your tuition classification by the census date of each semester. To do so, obtain a Petition for In-State Tuition Classification from the Registrar and complete and return the petition with the required documentation. The Registrar will use the documents supplied by you, along with the answers to the residency questions on the petition, to make a final residency decision. Students who are under the age of 23 and unmarried are classified according to their parents' residency status. Contact Admissions for additional information.

The Trinidad State College Registrar is the College Tuition Classification Officer and can answer questions about residency classification. Contact the Registrar at (719) 846-5550 or email [Registrar Email](#) .

Initial Classification

You are classified as resident or non-resident for tuition purposes based on the information provided on the application for admission to TSC. Failure to answer all questions could lead to initial classification as a non-resident.

After your status is determined, it remains unchanged in the absence of satisfactory evidence to the contrary. The burden of proof is on the individual seeking in-state tuition.

Colorado Classification

Tuition classification is governed by state law (Title 23, Article 7, of the Colorado Revised Statutes of 1973, as amended) and by judicial decisions that apply to all public institutions of higher education in Colorado and is subject to change at any time. TSC is required to apply the rules set forth in the law and does not have the authority to make exceptions unless specifically permitted by law. The complete tuition classification guidelines can be located on the Colorado Department of Higher Education website: <https://cdhe.colorado.gov/students/preparing-for-college/residency-requirements> .

In-state status requires that you live in Colorado for **one year prior to the first day of class**. Domicile is defined as an individual's true, fixed and permanent home and place of habitation. You may only have one domicile at any one time.

• CAC card or Military Dependent Card expected to take appropriate actions to demonstrate your intent to remain in Colorado permanently. This includes, but is not limited to:

- surrendering legal ties with your former state of residence,
- obtaining Colorado Driver's License/Identification within the statutory period,
- registering motor vehicle within the statutory period,
- registering to vote in Colorado,
- obtaining permanent employment in Colorado,
- filing income tax in Colorado,
- any other factors that document your intent to establish a permanent home in Colorado.

You are qualified to begin the one-year domicile period upon reaching 22 years of age, and thus would satisfy the one-year domicile requirement at 23 years of age. The one-year domicile period also begins upon marriage or emancipation if you are under 22 years of age. Individuals under the age of 23 are eligible for in-state tuition if a parent or court-appointed legal guardian meets the requirements of the tuition law.

Eligible non-U.S. citizens may be requested to provide immigration documents, which may include but are not limited to, I-94 Arrival-Departure Record, Permanent Residency Card, or other required documents.

Non-Resident

Non-resident tuition refers to the tuition rate that students coming from outside Colorado, including international students, pay to attend Trinidad State College.

Reciprocity

The States of Colorado and New Mexico have maintained a Tuition Reciprocity Agreement since 1985. The purpose of the agreement is to allow eligible students from New Mexico to enroll at designated Colorado institutions of higher education at in-state tuition rates and an equal number of eligible students from Colorado to do the same at New Mexico institutions.

Western Interstate Commission for Higher Education
Western Undergraduate Exchange (WUE)
(WICHE)

- CAC card or Military Dependent Card
- Military orders

Western Undergraduate Exchange (WUE) is a program of the Western Interstate Commission for Higher Education (WICHE). Through WUE, students in many western states may enroll in many two-year and four-year college programs at a reduced tuition level – 150 percent of the institution’s regular resident tuition. WUE’s tuition is considerably less than non-resident tuition. Only students from the following states may qualify Alaska, Arizona, California, Hawaii, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, Wyoming, and the Commonwealth of Northern Marianas Islands. For more information, please contact the Registrar’s Office.

ANY STUDENT WHO WILLFULLY GIVES WRONG INFORMATION TO AVOID PAYING NON-RESIDENT TUITION IS SUBJECTED TO DISCIPLINARY AND LEGAL ACTION.

Students 22-years-old and younger will need to submit at least two intent items from the parent that date back one year prior to the start of classes to document the parent is a resident of one of the qualifying states.

Students 23-years-old and older will need to submit at least two intent items that date back one year prior to the start of class with the WUE application to document the student is a resident of one of the qualifying states.

Students are not permitted to apply time spent in the WUE program toward satisfaction of Colorado residency requirements for tuition purposes.

Online courses are not eligible for the WUE tuition rate.

Military/Special Residency Requirement Waivers
Veteran, Dependent and Active Duty Military Residency
Process

All U.S. Armed Forces Military Veterans, dependents or active duty personal will automatically be granted in-state residency based on their admissions application. If the student does not indicate their status on their admissions application they must provide the documentation below.

Veteran Students will need to submit the following:

- DD-214

Active Duty Personnel and Military Dependents will need to submit one of the following:

- Certificate of Eligibility for Veteran Benefits

Western Interstate Commission for Higher Education
Colorado ASSET Bill

Senate Bill 13-033, also known as Colorado ASSET, allows U.S. citizens, permanent residents and students without lawful immigration status to receive in-state tuition through attendance and graduation from a Colorado high school or through attendance at a Colorado high school combined with obtaining a GED.

In 2022, the General Assembly passed HB22-1155, In-state Tuition For Colorado High School Graduates, which updates the eligibility criteria for Colorado ASSET students to receive in-state tuition and state financial aid at Colorado postsecondary education institutions.

To qualify for in-state tuition under ASSET, you must:

- Have attended a Colorado high school for at least one year before graduation or was physically present in Colorado for at least one year immediately preceding the date the student completed a high school equivalency examination in Colorado; and
- Have been physically present in Colorado for at least 12 consecutive months before enrolling in an institution.
- Apply for COF if you are a student without lawful immigration status. You must also complete an affidavit stating that you have applied for lawful presence or will apply as soon as you are eligible to do so.

As with the traditional domicile path, residency classification will be determined based on the information and documents submitted by you. The burden of proof is on the individual seeking in-state tuition. Visit <https://trinidadstate.edu/tuition> for more information.

Change in Tuition Classification

New students and continuing students who believe that their initial tuition classification was based on incomplete information and wish to prove eligibility must submit the Correction for Initial Tuition Classification Form. Students emancipated prior to 22 years of age, shall have up to 30 days from the first day of class to complete the Petition for In-State Tuition [form](#)

• CAC card or Military Dependent Card and Emancipation Form.

Information submitted to qualify for in-state tuition is subject to independent verification and will not be returned to students. Individuals submitting false

information or falsified supporting documents are subject to college disciplinary proceedings and may face criminal charges.

Appeal Procedure

Note: You will not be allowed to drop courses after the census date if you are denied in-state tuition. You are responsible for dropping all courses by census date, even if a decision on your tuition classification has not yet been received.

However, you may appeal the decision when denied in-state tuition. The Tuition Classification Appeal form must be received before the last day of the semester for which in-state tuition classification is sought. The Tuition Classification Appeal Form can be obtained by contacting the TSC Registrar at Christy.holden@trinidadstate.edu. The decision of the appeals committee is final and will not be overturned by the Colorado Department of Higher Education (CDHE).

TSC reserves the right to correct tuition classification after the deadline in cases where the college believes an error was made.

Tuition Classification for Reverse Transfer Degrees

TSC will use the last known residency as listed in TSC's student information system when awarding a reverse transfer degree to a non-active student.

This will not impact tuition classification as the student will have a registration hold placed for the term in which the degree is being awarded. Students will be made inactive for any future terms and must reapply for admission if they seek re-enrollment at TSC.

FINANCIAL INFORMATION

About This Section

TSC is committed to helping you understand your financial responsibility to pay for college and to helping you explore and obtain resources to do so. You may use this guide to estimate the cost of tuition, additional fees and payment options. This section also includes information on the different types of financial aid available to help pay for college, including grants, scholarships, work-study, loans and how to apply for these types of financial aid.

Start Here

- Tuition & Fees
- Financial Aid

Questions?

Cashier's Office Trinidad Campus
<https://trinidadstate.edu/tuition/> | 719-846-5547 |
Berg 209

Cashier's Office Valley Campus
<https://trinidadstate.edu/tuition/> | 719-589-7026 |
Welcome Center 104

Financial Aid Trinidad Campus
<https://trinidadstate.edu/fia> | 719-846-5017 | Berg 209

Financial Aid Valley Campus
<https://trinidadstate.edu/fia> | 719-846-5017 |
Welcome Center 104

TUITION AND FEES

Cashier's Office Trinidad Campus
<https://trinidadstate.edu/tuition/> | 719-846-5547 |
Berg 209

Cashier's Office Valley Campus
<https://trinidadstate.edu/tuition/> | 719-589-7026 |
Welcome Center 104

The State Board for Community Colleges and Occupational Education determines tuition, which is subject to change annually. Fees also may change. Tuition rates and refund deadlines vary for Colorado Online courses. Contact the Cashier's Office with questions you may have about your bill.

For current tuition and fee rates please visit:
<https://trinidadstate.edu/tuition/>

Rates are subject to change without notice.

College Opportunity Fund

In-State Resident's Tuition Stipend

<https://cof.college-assist.org/>

The College Opportunity Fund (COF) provides a tuition stipend for in-state resident students completing undergraduate coursework at a public or participating private college. The amount of the per-credit-hour tuition stipend is set annually by the General Assembly and pays a portion a student's total in-state tuition.

In-state resident students must create a lifetime account and authorize the use of the stipend through TSC Connect Portal. Students who fail to apply for and/or authorize the use of the COF stipend within the time allowed will be responsible for the full cost of their tuition.

Tuition Refund Policy

You may receive a refund of tuition and fees for any classes dropped by the census date or for any classes canceled by the College. The census dates are published each semester at <https://trinidadstate.edu/academic-calendar/>. The census date varies depending upon the length of the class. You may also refer to your schedule of classes to determine the census date for each class. It is your responsibility to drop classes by the published deadline.

No refunds are given after the census date. Students receiving financial aid may have their aid adjusted and should check with Financial Aid and Scholarships prior to dropping a class.

Students who make registration changes after refunds are issued may be required to pay for all additional charges.

Prior to the census date, you may be dropped from your classes for non-attendance, which may include any required corequisite class regardless of attendance in that class. If dropped prior to the census date, you are not responsible for the tuition for dropped classes. If dropped after census for non-attendance, you will not be permitted back into the class.

Military students who are called to active duty during the semester should talk to the Office of Registration & Records to discuss the tuition refund policy.

Financial disclaimer for the 2025-2026 Academic School Year

During the 2025-2026 academic year, some or all instructional formats may change due to an emergency affecting college operations, public safety, or public health. Tuition and fees are charged at the beginning of the semester and will remain in place regardless of any changes in an instructional format. Tuition and fees will not be refunded if the curriculum delivery format changes for any part of the 2025-2026 academic year

Student Refund Accounts

How the Refund Process Works

All enrolled students 17-years old and older will be mailed information to set up the student refund account after registering for classes. Upon receipt, you must select your refund preferences. You may select to have your refunds credited to your student refund account, may have your refunds credited to your existing bank account via ACH, or may request a paper check.

FINANCIAL AID

Financial Aid Trinidad Campus

<https://trinidadstate.edu/fia> | 719-846-5017 | Berg 209

Financial Aid Valley Campus

<https://trinidadstate.edu/fia> | 719-846-5017 | Welcome Center 104

Cost of Attendance

Cost of Attendance (COA) includes actual educational expenses (tuition, fees, books, supplies, and equipment) and estimated living expenses (food and housing, transportation, medical and personal expenses based on Colorado Department of Higher Education guidelines). Your financial aid cannot exceed the COA and there is no guarantee that your financial aid will cover all costs.

Sample Budget reflect student attending 9 months, i.e. fall/spring (actual amounts are subject to change)

Resident	Per Year	Per Month
Living at home	\$15,166	\$1,686
Living on campus	\$17,726	\$1,970
Non-Resident	Per Year	Per Month
Living at home	\$17,549	\$1,950
Living on campus	\$24,758	\$2,751

What is the CASFA?

Trinidad State uses the Colorado Application for State Financial Aid (CASFA) to determine eligibility for some forms of financial aid for undocumented students. Students eligible for an ASSET tuition classification may be eligible for state funded financial aid, including the Colorado State Grant and Work- Study (if DACA). Some State funding is limited and awarded on a first-come, first-served basis. For this reason, TSC encourages you to apply early each year.

Eligibility for Aid

In order to determine eligibility, submit the FAFSA following the application process. To be eligible, you must meet all of the following criteria:

- Be a citizen or eligible non-citizen of the United States.
- Be accepted for admission at TSC in a degree or eligible certificate program.
 - Have a high school diploma, GED or foreign

school equivalent. (Students who first enrolled in

a program of study prior to July 1, 2012 may qualify under previously existing rules for meeting ability to benefit criteria. Please check with the Financial Aid office for any questions about this eligibility status.)

- Be in good standing at the college and meet Satisfactory Academic Progress (SAP) requirements (see below).
- Not be in default on a student loan or owe a repayment of a federal grant.

Other factors that impact eligibility:

- Students enrolled in programs that require fewer than 16 credits of coursework are not eligible for financial aid.
- Students who have attempted a course more than twice may not be eligible to receive financial aid for the same course a third time and are encouraged to contact the Financial Aid office to determine eligibility.

Course Program of Study (CPOS) Information:

The US Department of Education requires that institutions ensure financial aid funds are used to pay for courses that apply to a student's degree program. The CPOS will be considered when determining Federal Financial Aid eligibility. If a student is enrolled in courses that do not count towards their degree, the student will be responsible for those course costs. Trinidad State will make every effort to ensure financial aid is correctly applied at the time of disbursement, there may be instances where Trinidad State is required by the US Department of Education to review and make corrections to your financial aid. If financial aid has been paid toward classes that are not part of the student's degree program, Trinidad State is federally required to return that aid which may result in a balance due for the student. If this happens, the student will be notified.

Students should verify their curriculum through viewing their portal under the "Financial Aid requirements" tab, making an appointment with their advisor, or checking their Degree Works via their portal, to ensure CPOS will be approved for financial aid funding. If the student needs to

change their major, they must do so before the census date of each semester of the current term. Any change of program submitted after census date will be applied to the following term. As a result, the student may not

Eligibility for Non-Citizens

To qualify for financial aid as a non-citizen, you must be able to provide documentation of one of the following to the Financial Aid office:

- An Alien Registration Receipt Card (I-151 or I-551) or a Conditional Permanent Resident Card (I-151C)
- An Arrival-Departure Record (I-94) from the Department of Homeland Security showing any one of the following designations:
 - Refugee, asylum granted
 - Cuban-Haitian entrant
 - Indefinite parole
- Citizen of the Freely Associated States – Republic of the Marshall Islands, Federated States of Micronesia, or the Republic of Palau (considered for grant aid and federal aid only).
- Students attending TSC under DACA or ASSET do not qualify for federal financial aid but are encouraged to apply for scholarships at TSC.
- Students attending under ASSET may qualify for state aid. They must complete the Colorado Application for State Financial Aid (CASFA) at <https://cdhestudentxprod.regenteducation.net/signin>

FAFSA Application Process

1. Create an FSA ID at studentaid.gov. The FSA ID must be used each year to electronically sign the FAFSA. A dependent student must also have a parent apply for the FSA ID.
2. Complete the FAFSA online at studentaid.gov. The FAFSA becomes available on October 1 each year for the following fall, spring and summer semesters.
 - a. In order to send the FAFSA to TSC, use TSC's school code: 001368.
3. After completing the FAFSA, the Federal Processor will send the student a FAFSA Submission Summary, outlining each response provided on the FAFSA. If necessary, you can use the FSA ID to make corrections to the FAFSA online.
4. When TSC receives your FAFSA, the Financial Aid office will send you an email letting informing you of

before being awarded financial aid at TSC. This information will also be available online through TSC Connect Portal.

- a. All required documentation must be submitted by April 15 in order for you to be considered for priority awarding of first-come, first-served funding, including some grants, scholarships and work-study funds.
5. When your file is completed with Financial Aid and Scholarships, you will receive an award notice. This information will also be available online through TSC Connect Portal.

Satisfactory Academic Progress

Federal regulations require all financial aid recipients to maintain Satisfactory Academic Progress (SAP) in order to receive financial aid. In order to maintain SAP standards at TSC, you must earn a minimum 2.0 cumulative GPA, complete at least 67 percent of your overall attempted coursework, and complete at least one attempted credit each attending semester. SAP standards also require you to complete your degree/program within 150 percent of the published length of the program. All credit hours taken at TSC, including all credits attempted when not receiving financial aid and all transfer hours, are included in determining your SAP status. If determined ineligible for aid, you may appeal to have aid reinstated at the Financial Aid office. The “Financial Aid Appeal Form” for a specific academic year can be accessed by clicking on the “Forms” link and selecting “Financial Aid Appeal Form” for the specific year at <https://trinidadstate.edu/fia/forms.html>

Repayment of Aid

Complete Return to Title IV Policy | <https://trinidadstate.edu/fia/return9.html>

You are only eligible to receive aid for courses in which you establish attendance. If you do not establish attendance in a course and/or fail to drop a course before the published census date, you may be charged tuition and fees. You may also be required to repay any aid released. Corequisite courses may also be dropped if non-attendance is reported for either course.

You may be required to repay a portion of any financial aid received to TSC and/or the U.S. Department of Education if you do not complete at least one credit hour for each part of term. If

TSC reports an amount owed to the U.S. Department of Education, you will not be eligible to receive aid at any institution until the funds are repaid in full.

TYPES OF AID

The FAFSA not only determines a student's eligibility for financial aid but also determines the types of aid available to the student. Financial aid may be need-based or non-need-based, depending on the Student Aid Index (SAI) and other contributing factors as determined by the U.S. Department of Education.

Grants

All grants at TSC are need-based and do not need to be repaid as long as the student passes their classes. Award amounts and eligibility depend on SAI and enrollment status. Most grant payments will be reduced if you are not enrolled full-time. You do not need to attend full-time to receive grant funds, if eligible.

Work-Study

<https://trinidadstate.edu/fia/workstudy>

Regardless of financial need as determined by the FAFSA, both federal and Colorado work-study may be available on a first-come, first-served basis. You earn work-study through part-time employment on or off campus and must be enrolled at least half-time (six or more credits) to qualify. You can gain employment experience in an area directly related to your field of study while being paid bi-weekly. Eligible students are notified of your maximum work-study eligibility through the Financial Aid award notice and TSC Connect Portal.

Scholarships

<https://trinidadstate.edu/scholarships>

Scholarships are a form of gift aid that does not need to be repaid. Scholarship criteria may include academic achievement, need, talent, special qualities or a combination of these factors. Institutional and TSC Foundation scholarships are posted at <https://trinidadstate.edu/scholarships>. Apply annually starting in January for the upcoming academic year.

For TSC Foundation Scholarships, priority is given to students who apply on or before the first Friday of March.

For consideration of TSC Institutional Scholarships, students must submit an Official High School Transcript and enroll in at least 15 credit hours. Official High Transcript must be submitted to TSC Admissions Office.

Loans

Federal Direct Student Loans

Federal direct student loans are guaranteed by the U.S. Department of Education and do not require a credit check. You must be enrolled at least half-time to receive direct loans. Most direct loans must be repaid six months after you are no longer enrolled at least half-time in an eligible program.

Federal annual limits apply to loans, depending on your grade level and dependency status. To accept direct loans, you must accept the amount needed online via TSC Portal and complete an entrance counseling session and a Master Promissory Note (MPN) at studentaid.gov. You must also complete exit counseling when no longer enrolled at least halftime.

If you borrowed your first direct loan between July 2012 and July 2014, you must begin repayment after dropping below half-time enrollment and do not qualify for the six-month grace period. For additional repayment information, call 1.800.848.0979 or visit studentaid.gov.

Federal Direct Subsidized Loan

Interest is paid by the federal government on your behalf while you are enrolled at least halftime. Repayment begins six months after you are no longer enrolled at least halftime. In repayment, you assume responsibility for interest payments.

Federal Direct Unsubsidized Loan – Not Need-Based

Interest accrues and capitalizes while you are enrolled. While you are not required to make payments on any direct loans while enrolled at least half-time, you are strongly encouraged to make interest payments while in school.

Federal Direct PLUS Loans (Parents)

Parents may borrow directly from the federal government on your behalf. Repayment typically begins within 60 days after disbursement. The parent has up to 10 years to repay the loan. Credit checks are required and not all loans are guaranteed. If a parent is denied a PLUS loan due to credit, you may borrow additional unsubsidized direct loans.

ACADEMIC INFORMATION

About This Section

The information in this section is centered around helping you understand what is expected of you as a TSC student and a member of the community. For academic integrity and standards, use this as a guide for student success. This guide will also assist you in determining graduation requirements and transfer options.

Start Here

- Academic Policies & Standards
- Academic Integrity Policy
- Academic Progress Guidelines
- Academic Renewal Policy
- Academic Standards
- TSC Celebrates Student Success
- Credit Completion Progress
- Graduation Requirements
- Special Academic Programs
- Transfer Options

Policies & Standards

CCCS and TSC policies set the expectations for students, faculty, and staff at TSC. If any of these policies are confusing, please reach out to your faculty member or to your academic advisor for clarification.

TSC Course Grades

You are evaluated in class using a letter-grade system which is based on how many course learning outcomes you have met. Instructors have the authority to assign grades. For more information, read your course syllabus and ask your instructor to explain their grading system.

The scholastic standing of students at Trinidad State College is indicated by letter grades, which have the following interpretation:

GRADE EARNED ~ QUALITY POINTS EARNED

- A – Superior ~ 4 credit points per credit hour.
- B – Good ~ 3 credit points per credit hour.
- C – Average ~ 2 credit points per credit hour.
- D – Deficient ~ 1 credit point per credit hour.
- F - Failure ~ 0 credit points per credit hour.
- I – Incomplete (temporary grade)
- S – Satisfactory ~ 0 credit points per credit hour.
- SP – Satisfactory Progress ~ 0 credit points per credit hour
- U – Unsatisfactory ~ 0 credit points per credit hour.
- W - Withdrawal ~ 0 credit points per credit hour.
- AU – Audit ~ 0 credit points per credit hour.

Grades of “I”, “S”, “SP”, “U”, “W”, and “AU” are not assigned quality points and are not computed into the grade point average.

The computation of a student’s grade point average takes into consideration the grades received for successful completion of classes, the quality points earned for those classes, and the total number of completed credit hours. Please note, transfer credits do not include the transfer of quality points or calculated grade point average.

Incomplete

The I or incomplete grade is a temporary grade. It is designed for students who have completed a majority of the coursework (defined as at least 75 percent of all course assignments and tests) in a satisfactory manner (grade C or better), but are unable to complete within the semester due to documented illness or circumstances beyond their control.

If circumstances prevent you from completing a test or assignments by the end of the term, then it is your responsibility to initiate the request for an incomplete grade from the instructor. The instructor will determine whether you have a reasonable chance of satisfactorily completing the remaining course activities in a timely manner. In the event that you and your instructor cannot reach resolution concerning an incomplete, then you should contact the program chair.

In requesting an incomplete grade, you must present the instructor with documentation of circumstances justifying an incomplete grade. The instructor will fill out an “Incomplete Contract Agreement” with terms; i.e. assignments and/or tests to be completed and deadlines for completion. The agreement will be signed by both instructor and student and will submit it to the appropriate dean for approval. While waiting for the work to be completed, the instructor will assign an incomplete grade on the grade roster. In the event that a student and instructor cannot reach resolution concerning an incomplete, the student can seek mediation with the appropriate Dean.

Military personnel and emergency management officials who are required to go on temporary duty (TDY) during a term should contact their instructor for special consideration. Documentation of official TDY assignment is required and must be approved by the dean.

An incomplete grade, which is not converted to a letter grade by the instructor after one subsequent semester (not including summer semester), will become an F grade unless a higher default grade has been assigned by the instructor.

To avoid duplicate payment of a course, you should not re-enroll in a class in which an incomplete grade is pending, since according to the College's definition of enrollment, you are still enrolled.

Withdrawal

The W or withdrawal grade is assigned when a student officially withdraws from a course after the course census date. A withdrawal can only be processed during the first 80 percent of the course. No academic credit is awarded. The course will count in attempted hours.

Credit Hours

TSC follows the Colorado Commission on Higher Education and federal guideline on credit hours. That is, that one credit equals 50 hours of student effort both in and out of class. For a lecture class, that means that for every credit you receive, there must be 12.5 hours of in-class time, and 37.5 hours of out-of-class time (homework, reading, preparing for class or exams). All courses including online, hybrid, and accelerated are designed so that you have the opportunity to devote enough time to meet your required course outcomes. When deciding on a course load, you should keep these time requirements in mind.

For Institutional Scholarships, students must be registered in 15 credit hours per semester. Federal Financial Aid recognizes a student carrying 12 credit hours to be full time.

Students may not take more than 18 credit hours without approval from the Dean of Instruction.

Grade Point Average (GPA)

Grade points measure your achievement for the credit hours completed.

Calculating GPA

Calculating your GPA is important. Please read this explanation and the example below to understand how to do this calculation. Multiply the grade points by the number of credit hours for each course. Total the number of credits and the number of grade points separately. Divide the total grade points by the total credits.

NOTE: All other grades (Satisfactory, Unsatisfactory, I, S, U, W, AU) are not calculated into your GPA. The following is an example of how to calculate grade point average:

Grade	Grade Point Total	Calculation example
A	4.0	3 Credit Hours
B	3.0	3 Credit Hours
C	2.0	3 Credit Hours
D	1.0	3 Credit Hours
F	0.0	3 Credit Hours

Total grade points divided by total credits equals the cumulative grade point average. Therefore, the grade point average for the above example is 44 divided by 17 for a 2.59 GPA.

Degree Works also lists your current GPA.

Repeating Courses

The college recognizes the varied circumstances when a student requests to repeat a course such as, but not limited to, the following: an unacceptable grade earned will not transfer, a course is required for graduation or transfer, or a demonstrated need to raise a low grade point average (GPA) for graduation.

To understand how a repeat class could affect grade point average and overall transcript, the student should consult an academic advisor before enrolling in the same class for a second time.

Any semester course can be repeated (no restrictions on the type of course or the previous grade), and only the highest grade will be used for computation of the grade point average. Each registration for the course and each grade received will be listed on the transcript.

On the transcript, a notation will follow the course indicating that the course was repeated and designating whether the course will be included in the GPA. The highest grade will be used in the GPA calculation. If the grade for the repeated course is the same as the original grade, only the most recent grade will count in the GPA calculation. All credit hours earned for initial and repeated courses will be deducted from a student's remaining COF stipend eligible hours.

"Repeated" courses may be applied only once to a certificate or degree, except for variable credit courses and designated courses that may be repeated for professional or personal development. To replace a grade, the course must be taken at Trinidad State College.

All courses, which students enroll for, after the drop date will be listed on the student's transcript, and none will be eliminated by future enrollments or course completions. Credit hours can only be earned once for any course.

The most recent grade will be included in the term and cumulative GPA if a duplicate grade is earned. All previous grades in a given course will also appear on the student's transcript.

All other duplicate grades will be excluded from the term and cumulative GPA. All credit hours earned for initial and repeated courses will be deducted from your remaining COF stipend eligible hours. Repeating a course may impact your financial aid eligibility. Students should direct questions on repeating courses to an academic advisor, or at the Registrar's Office.

ACADEMIC APPEAL PROCEDURE

Statement of Purpose

To secure equitable solutions to problems of an academic nature that affect a student's academic progress.

Basis for an Academic Appeal

An academic appeal may be initiated for the following:

- a. Denial of program completion / graduation
- b. Academic Dismissal from a program
- c. Appeal an end of semester grade (final grade)

Procedure

- a. Informal Appeal – This process must be used first. The student and instructor should attempt to resolve the problem on an informal basis whenever possible. If this fails, the student may meet with the instructor to resolve the issue. If the issue is not resolved in the informal process, the student may initiate the formal appeal process.

- b. Formal Appeal – A written request, via email, to the appropriate Dean of Instruction must be initiated according to the procedures and timelines listed below.

1. Final grade appeals must be initiated by the student within thirty (30) calendar days of the awarding of the grade by the instructor after the semester ends.
2. Denial of program completion/graduation or academic dismissal appeals from any program must be initiated within ten (10) calendar days following the notification to the student.
3. The student may initiate a formal appeal by submitting a written request, via email to the appropriate Dean of Instruction. Appeals may be submitted outside the timelines indicated above only if documented extenuating circumstances exist. These circumstances must be fully explained in the written request and accompanied by supportive documentation. Acceptance of late appeals will be at the discretion of the appropriate Dean of Instruction.
4. The Dean of Instruction will convene an administrative hearing.

5. Participants in the administrative hearing will include the student, the instructor, and the Dean of Instruction.
6. The instructor may submit written statements by other individuals having information regarding the complaint. If a student wishes to submit supporting documentation with their appeal, it must be uploaded with the written request before submitting via email.
7. After the hearing, the Dean of Instruction will review all oral and written statements and reach a decision. Student will be notified of the appeal decision via their student issued CCCS email account, accessible through TSC Connect Portal within ten (10) calendar days after the hearing. A written notification will also be sent to the instructor.
8. Petition for Review of Due Process: After the appeals decision by the Dean of Instruction, the student may submit a written request to the Vice President of Academic Affairs for a process review of the appeals proceedings. The Petition for Review must be submitted within ten (10) calendar days of the written notification of the initial decision. Failure to meet the ten (10) day deadline for a written request for review will result in the initial decision made by the Dean of Instruction being final and not subject to additional review.

All decisions of the Vice President of Academic Affairs are final.

Note: Appeals / grievances of non-academic nature are handled by the Vice President of Student Affairs in accordance with the current student grievance procedure.

ACADEMIC INTEGRITY POLICY

About This Policy

As a student at Trinidad State College, you are expected to behave as a responsible member of the college community and to be honest and ethical in your academic work. TSC strives to provide you with the knowledge, skills, judgment and critical thinking needed to function in society. To falsify or fabricate the results of your research, to present the words, ideas, data or work of another as your own, or to cheat on an examination corrupts the essential process of higher education and is a disservice to the student, faculty and staff community. All members of the TSC community share the responsibility and authority to challenge and report acts of academic dishonesty.

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.

Forms of Academic Dishonesty

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.

ACADEMIC PROGRESS GUIDELINES

About This Procedure

As a TSC student, you are expected to maintain satisfactory academic progress. Recognizing the value of measuring academic progress for all students, TSC has established the following practice and procedure for measuring academic standing.

This procedure is intended to be informational and helpful, but also establishes clear standards of academic progress that must be met and maintained in order to be a successful student at TSC.

Your academic standing at one Colorado Community College System (CCCS) college will impact academic standing at other CCCS colleges.

Process

For students who have attempted fewer than 9 credit hours, TSC will monitor satisfactory progress through an academic alert process. These students are not subject to academic standing.

Academic standing 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 applied consistently and uniformly within each CCCS institution. TSC will determine academic standing following the posting of the majority of term grades for each semester.

Students placed on probation or suspension 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. The 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 TSC, as it will impact a student's enrollment at other CCCS colleges.

Definitions

- Only college-level classes will be used to calculate term and cumulative grade point averages (GPA). This includes summer-term courses.
- Only courses taken at TSC will be used

for this procedure. Courses taken elsewhere and transferred in do not apply. The GPA calculations for this procedure may not match those used for financial aid purposes.

Standards

Trinidad State wants students to succeed and encourages responsible academic choices. Students must maintain at least a cumulative 2.000 grade point average (GPA) to remain in good standing. A student's academic standing at one college will impact academic standing at another CCCS college.

Academic Standings --

Initial Standing

Student has attempted fewer than 9 cumulative credit hours with a cumulative GPA greater than or equal to 2.00 for all classes attempted.

Good Standing

Student has attempted at least 9 cumulative credit hours and has a GPA ≥ 2.000 for all classes attempted.

If a student's GPA drops below a 2.00, TSC will place you in one of the following categories to encourage improvement:

Academic Alert:

GPA less than 2.00 after attempting 9 credit hours or fewer. Students may continue to enroll in classes provided they have met with an academic advisor to discuss a plan for academic improvement.

Academic Probation:

GPA less than 2.00 after completing 9 or more credits in residence at TSC. Students may continue to enroll in classes provided they meet with an academic advisor and prepare a plan for academic improvement and provided the student earns higher than a GPA in the next full semester.

Continuing Academic Probation:

GPA less than 2.000 for all courses completed in residence and the last term GPA is 2.000 or higher.

Academic Suspension:

If a student on Academic Probation earns a GPA 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 (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, the student will need to follow 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 term for initial suspension or second suspension wishes to return, he or she will be allowed to re-enroll only after meeting with an academic advisor at the CCCS college the student wishes to attend. The student will be placed on academic probation.
- A third suspension is for two full years, or four 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 the suspension hold removed.

Note: Academic probation/suspension is different from Financial Aid warning/ probation/ineligibility. Please see the Financial Aid section of Student Handbook for information about Financial Aid Warning/Probation/ Ineligibility.

Appeals Process

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

- If the College approves an appeal, appeals for subsequent Academic Suspensions should address why the student was unsuccessful on the prior appeal, and what additional measures have been taken to ensure success.
- If the student's suspension appeal is approved, the student will be placed on Performance Support.

If the student's suspension appeal is not approved, the student may be dropped from all

courses registered for in upcoming terms at the College, based on the College's procedures.

Academic Progress Policy

All Trinidad State College students are expected to achieve satisfactory progress as required by the Colorado Community College System (CCCS), System Procedure (SP4-20d). Students should keep track of their academic progress in each of their classes. Through the Academic Alert process students will be informed when they are not making satisfactory academic progress. The following outlines the standards and practices of the CCCS Academic process Policy.

1. The Academic Process Procedure applies to all students who have completed nine (9) or more credits in residence while attending a Colorado Community College System college.
2. During the student's first 8 credit hours of enrollment, TSC will monitor satisfactory progress through the Academic Alert process.
3. A student is considered in "Good Standing" when the student's cumulative GPA is at least 2.0 or greater for all courses completed at TSC.
4. A student is placed on Probation (initial) when the student's cumulative GPA is less than 2.0 for all courses completed at TSC.
5. A student is considered on Probation (continuing) when the student's cumulative GPA remains less than 2.0 for all courses completed at TSC and the student's last term GPA is 2.0 or greater.
6. A student is placed on Suspension (initial) when his/her cumulative GPA is less than 2.0 for all classes completed at the College and the last term GPA is also below 2.0. A student placed on Suspension (initial) is not permitted to register at any CCCS college for the next term, excluding summer term, after the term of suspension unless a suspension appeal is approved. A student may appeal for unusual or mitigating circumstances by meeting with an academic advisor and submitting an academic plan to the Vice President of Student Affairs for approval. A student who is approved to register for classes will remain on probation

(continuing) and must complete the semester with a semester GPA of 2.0 to continue enrollment. Initial suspension is for one term.

7. A student is placed on Suspension (second) when his/her cumulative GPA is less than 2.0 for all classes completed at TSC and the last term GPA is less than 2.0 for the second time. A student placed on Suspension (second) is not permitted to register for the next two terms after the term of suspension unless a suspension appeal is approved, excluding summer term. A student may appeal for unusual or mitigating circumstances by meeting with an academic advisor and submitting an academic plan to the Vice President of Student Affairs for approval. A student who is approved to register for classes will remain on probation (continuing) and must complete the semester with a semester GPA of 2.0 to continue enrollment.
8. A student is placed on Suspension (third) when his/her cumulative GPA is less than 2.0 for all classes completed at the College and the last term GPA is also below 2.0 for the third time. A student placed on Suspension (third) is not permitted to register for the next two years after the term of suspension. The student must meet with an advisor from the CCCS college the student wishes to attend in order to get their suspension hold removed.
9. Summer term may NOT be used as a "suspension term."

ACADEMIC RENEWAL POLICY

The purpose of academic renewal is to allow a student the one-time opportunity to remove a maximum of 30 credit hours of poor academic performance from the grade point average (GPA) calculation.

Academic renewal applies only to courses taken at TSC and may only be awarded once. The original grades and credits remain on the permanent academic transcript and credit hours are deducted from your remaining COF stipend eligible hours. A notation indicating "academic renewal awarded" will be made on the official transcript and the grades will be excluded from the GPA. After being granted, academic renewal is irreversible. Credit excluded from the GPA calculation cannot be used to satisfy the requirements for completion of a certificate or degree.

. Call the Registrar's office for additional information and clarification on this procedure.

[Registrar email](#)

Registrar Phone: 719-846-5550

Eligibility

1. A student who has an academic record with courses older than two years from the current date is eligible for an Academic Renewal.
2. A student must have all financial holds cleared before a request can be honored.
3. Students can only apply for Academic Renewal once, which is not reversible.
4. A student must have completed at least six credit hours with a 2.00 GPA before applying for Academic Renewal.

Procedures

1. A student must submit a letter of request to the Registrar's Office.
2. The Registrar's Office will check the student's transcript for eligibility and, if eligible, will compute an Academic Renewal GPA from the designated academic term and provide the student with an updated transcript.
3. A comment will be placed on the transcript that states "Academic Renewal has been granted."

Guidelines

1. The student's transcript will reflect the entire academic record, and no classes will be deleted or removed. Thirty credit hours can be excluded from GPA.
2. Only grades earned after the Academic Renewal will be used to compute the new cumulative GPA.
3. Only grades of "D's" and "F's" will be eligible for Academic Renewal.
4. Academic Renewal will not change Satisfactory Progress for Financial Aid eligibility, and previous grades are subject to interpretation by specific Financial Aid Policy.

class, may be advised to withdraw from a course.

ACADEMIC STANDARDS

TSC Curriculum Standards

TSC follows the Colorado state-mandated common course descriptions, competencies and outlines for any course offered, regardless of the method of delivery. All courses administered through Trinidad State conform to college academic standards of rigor and Colorado Community College System (CCCS) curriculum outcomes including concurrent enrollment courses.

Attendance; Drop for Non-Attendance

The faculty member is responsible for ensuring that all students listed on their roster have attended their course during the Add/Drop (census) period. If a student has not attended any class by the end of the Add/Drop period, the faculty member must No-Show the student by the end of the Add/Drop period.

Students are expected to attend all scheduled meetings of each course and the encouragement of regular class attendance remains with the instructor while the actual responsibility remains with the student. Each course syllabi provides information on course attendance. Absence, for any reason, does not relieve the student of the responsibility of completing all of the work for the course to the satisfaction of the instructor.

Students are expected to attend all classes. Students who do not attend any class sessions by the course census (add/drop date) will be identified as a no-show by the faculty and will be dropped from the course.

Once dropped as a no-show, a student cannot re-register in that same section, regardless of the no-show reason. In addition, the student could be dropped from any prerequisite or co-requisite courses, regardless of attendance in prerequisite/co-requisite course(s). Being dropped as a no-show can negatively affect students using financial aid or Veteran's benefits.

For online courses, attendance is defined as accessing the course and completing at least one academic activity (as determined by the individual faculty). What constitutes an academic activity may vary from course-to-course based on the uniqueness of each course.

Instructors will inform students of their individual class participation policies. Students who miss too many class sessions, or who fail to participate in

Assessment of Student Learning

Trinidad State College is committed to the assessment of student learning as a strategy for understanding, confirming, and improving student learning in academic curriculum, programs, and services offered by the college. The Higher Learning Commission and TSC share a common definition of assessment, as “a participative and iterative process” that:

- Provides information regarding student learning,
- Engages stakeholders in analyzing and using information on student learning to confirm and improve teaching and learning
- Produces evidence that confirms achievement of intended student learning outcomes, and
- Guides broader educational and organizational improvement.

Because students, faculty, staff, and administrators all play a role in student learning, assessment activities at TSC are conducted by academic, administrative, business, and student affairs departments and units. Assessment of student learning and satisfaction may take the form of surveys, standardized tests, program evaluation forms, focus groups, student projects, student reflective activities, or any of a variety of other mechanisms. Some assessment instruments are given to specific groups of students.

Assessments may be administered both inside and outside of the classroom. Some assessments may be voluntary; others may be required. Educational support unit and academic program assessment includes business and industry input; analysis of general education, learning, and program outcomes; and indirect measures such as surveys, student data, and other items as appropriate.

TSC’s Assessment and Learning Committee (ALC) oversees all academic assessment efforts at Trinidad State College. This committee’s principal task is to help improve student learning through improvement of assessment processes, review of data, regular reporting, discussion and course or program enhancement efforts.

Assessment-related data are kept confidential for individual students and are released only in aggregate form. Unless the assessment tool is also part of the assignments for a course, student performance in the assessment activity does not

affect course grades or progress toward graduation.

Additional information about assessment at TSC can be found on the assessment web site at:
<https://trinidadstate.edu/assessment/>

Academic Honors

Graduation / Commencement Honors

Graduation honors recognize outstanding academic achievement throughout a student's academic career at TSC. The honors are awarded to students who complete the requirements for an associate degree and earn a 3.5 or better cumulative grade point average at TSC. Only college level courses completed at TSC will be

included in the GPA calculation. For those students transferring credits from another institution, Trinidad State College requires a minimum of 15 credits to be earned in residence to be eligible for graduation honors..

The three levels of recognition are defined as follows and will be posted on your transcript:

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

Student Honors

Phi Theta Kappa (PTK)

Phi Theta Kappa is recognized by the American Association of Community and Junior Colleges as the only official honor fraternity for two-year colleges. PTK recognizes and encourages scholarship among college students. PTK provides opportunity for stimulation of interest in continuing academic excellence, for the development of leadership and service and for lively fellowship of scholars.

The Gamma Xi Chapter, on the Trinidad Campus is the oldest PTK Chapter in Colorado, was chartered at Trinidad State College in 1937. Beta Kappa Mu Chapter of Phi Theta Kapp is on the Valley Campus and was chartered in 2001.

Students will be invited to join Phi Theta Kappa if they perform academically as follows: A grade point average of 3.5 must be obtained during a semester in which a student is enrolled in a minimum of 12 college level credit hours. A cumulative 3.5 GPA must be maintained to retain membership.

Membership is open to all students without regard to their status as candidates for a

permitted to wear the PTK gold stole at graduation indicating their participation in the Honor Fraternity.

Organization for Associate Degree Nursing (OADN)

To promote scholarship and academic excellence in the profession of nursing, the Organization for Associate Degree Nursing (OADN), has established the Alpha Delta Nu honor society which is active on both campuses.

Veteran Honor Cords: The red, white, and blue honor cords at Commencement are one way to show graduating veterans how much Trinidad State appreciates their service, through their self-sacrifice and service to our country, in addition to the pride we feel for their latest academic success. We hope these cords will inspire a sense of pride and patriotism not only in our veteran graduates, but in every one of us.

Semester Honors Scholastic Achievement Lists

TSC provides an opportunity for you to be recognized with academic honors on a semester-by- semester basis. TSC has three recognized academic honors: Dean's List, Vice President's List and President's List. When you qualify, you will receive a notation for that term on your official transcripts.

You must complete a minimum of 12 college-level credits during the semester to be eligible for this recognition.

Semester GPAs required to qualify for these term academic honors are as follows:

Level of Recognition	Cumulative GPA Requirements
Summa Cum Laude (With Greatest Honor)	4.00 Cumulative GPA
Magna Cum Laude (With Great Honor)	3.75 to 3.990 Cumulative GPA
Cum Laude (With Honor)	3.50 to 3.749 Cumulative GPA

Commencement

Commencement is held once a year at the conclusion of the spring semester. The summer, fall and spring graduates are invited to participate. For more information regarding commencement, visit

<https://trinidadstate.edu/graduation/commencement.html> .

Graduation Information Before You Can

Graduate

Degrees and certificates will be granted during the semester in which the final requirements are completed. You need to apply for graduation by the end of the semester. Towards Graduation

How to Use Degree Works:

Degree Works is a web-based degree audit and advising tool that allows you to view requirements for all degrees and certificates and see how credits apply towards a selected degree plan.

1. Log into TSC Connect Portal.
2. Click on the Degree Check icon.

The audit for officially declared program(s) will appear in a new window.

3. If you are pursuing multiple programs (i.e. a certificate and an associate degree), the desired program can be selected from the "program type" drop down box at the top of the page

• **NOTE:** If you do not have a correct degree/certificate declared with the Registrar's Office, you may submit a Program of Study Change Request - Please allow 5-7 business days for processing and Degree Check to be updated

4. Print the Degree Works audit by clicking "print" in the upper right corner of the page.

What-If Audit

To see how your coursework will fit in another program of study, you can do a "What-If" audit by clicking on "What-If" under the box with your name.

1. Under the what-if "program type," select a degree option or click on "certificate" to choose any of the certificate options.
2. For "catalog year," select the year coursework was begun or the current academic year.
3. Select a specific "program" or "concentration," if applicable.
4. Click the "process what-if" button.

Catalog Requirements for Graduation

This catalog is effective during the summer semester 2025 through spring semester 2026. Students at TSC who are admitted during this period should use this catalog.

Students cannot combine major requirements from multiple catalogs for graduation purposes. The catalog

of record can be used for only six years for degree programs and three years for certificate programs. Students who do not maintain continuous enrollment (attend at least one term during each 12-month period) must be readmitted and are subject to the catalog in effect beginning with the term for which they are readmitted.

TSC awards the Associates of Arts (AA) Degree, Associate of Science (AS) Degree, Associate of General Studies (AGS) Degree, Associate of Applied Science (AAS) Degree, Bachelor of Science Nursing (BSN), and Bachelor of Applied Science Business (BAS) and various Certificates.

The following graduation requirements generally apply for each degree or certificate conferred:

To be eligible for degrees granted by Trinidad State College, the student must:

1. Fulfill the curricular requirements of the degree program as outlined in the College Catalog and State Board for Community Colleges and Occupational Education policies.
2. Complete common core of general education courses as prescribed by the program selected.
3. Have earned a minimum cumulative grade point average 2.0.
4. Have completed a minimum of fifteen (15) semester hours at TSC.
5. Have completed all courses with a grade of "C" or above.

Note: Students who complete all required courses in the appropriate areas with grades of "C" or better will have their transcript stamped "core transfer program completed." When a student has not satisfactorily completed the core courses prior to transfer, the receiving institution will review and accept courses on a course-by-course basis in relation to college/university requirements.

To be eligible for a Certificate granted by TSC, students must:

1. Fulfill the curricular requirements of the occupational program pursued as outlined in the College catalog.
2. Have earned a minimum cumulative grade point average 2.0.
3. Have completed all courses with a grade of "C" or above.

Degrees and certificates will be granted during the semester in which the final requirements are completed. You need to apply for graduation by the published deadlines noted below.

Applying for Graduation, Participate in Commencement

All students must apply for graduation to participate or walk at commencement. Students may complete graduation requirements anytime

during a specific term; however, the official graduation date that is posted on the student's transcript is the last day of full-term classes for the appropriate term. TSC holds one formal graduation ceremony for all three terms. This is held at the end of spring semester.

It is recommended that the student schedule an appointment with the advisor for verification of eligibility for graduation at the beginning of the semester in which the student will complete his/her program of study. The student should review the following areas with his/her advisor:

1. Confirm that the course and area of study is correct for the Current Academic Program;
2. Confirm that all transfer credit and Credit for Prior Learning that applies to the student's current program has been posted on the transcript;
3. Confirm with the advisor that all course substitutions and/or waivers that were previously discussed have been approved and posted to the student's record;
4. To participate in the commencement ceremony please submit a complete Application for Graduation upon appropriate verification of eligibility as outlined in: (A) for fulfilling curricular requirements for an Associate of Arts Degree, Associate of Science Degree, Associate of General Studies Degree or Associate of Applied Science Degree; Bachelor of Science Nursing; Bachelor of Applied Science Business; or in (B) for fulfilling curricular requirements for a Certificate;
5. Complete Exit Interview with Financial Aid Office.

The Application for Graduation Form must be completed and returned to the Office of the Registrar, Berg 108 or Valley Campus Student Services Office, prior to the following Graduation Application Deadlines to be eligible to participate in the commencement ceremony:

Fall Semester - November 1 Spring

Semester - March 1 Summer Semester -

June 30

Applications for Graduation are available from the following areas: Registrar's Office, Student Services Office, or https://trinidadstate.edu/graduation/pdf/app_for_graduation.pdf

- Diplomas will be printed with the name currently on record with TSC's student information system. All requests for name

changes must be submitted to Office of Registration and Records before or during the semester the graduation application is submitted.

- An incomplete grade will result in a denied graduation.
- If the graduation application is disapproved for any reason, you must reapply during the new semester of graduation. All application deadlines apply.
- Degree/certificates will be mailed to you approximately eight weeks after the end of the term.
- Diplomas will be mailed to the address currently on record in TSC Connect Portal. Be sure this information is kept up to date.
- Diplomas that are returned to TSC due to incorrect addresses will be held for one year, after which they will be destroyed.
- Duplicate copies of diplomas may be requested for \$25 each.

Commencement Program:

Graduate's name, program and hometown will be listed in the Spring commencement program.

TRANSFER OPTIONS

Transferring to Four-Year Institutions

To help eliminate the guesswork of transferring course credits and associate degrees, Colorado has developed a statewide guaranteed transfer program called GT Pathways (guaranteed transfer pathways) and many statewide articulation agreements. Trinidad State College adheres to these established programs and agreements in order to guarantee the transfer of credits.

TSC's Associate of Arts (A.A.) and Associate of Science (A.S.) degrees are designed to transfer to Colorado public four-year colleges and universities. After you obtain an A.A. or A.S. degree, you may enter a four-year institution as a junior. In some circumstances, an Associate of Applied Science (A.A.S.) or Associate of General Studies (A.G.S.) degree may transfer.

GT Pathways applies to all Colorado public colleges and universities, including Trinidad State College. After starting at any public college or university in Colorado and, upon acceptance to another, students can transfer up to 31 credits of previously and successfully (C or better) completed GT Pathways coursework. These courses will automatically transfer and continue to count toward general education core or graduation requirements for any liberal arts or science associate's or bachelor's degree. Students should check with the school that they wish to attend so that they are clear about which credits will transfer beyond any that are guaranteed by GT Pathways.

Statewide Transfer Articulation Agreements / Degrees with Designation

A statewide transfer articulation agreement is an agreement among 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, such as an Associate of Arts in business; enroll with junior status at a university; and complete the bachelor's degree in no more than an additional 60 credits (for a total of 120 credits). If you attend full-time (15 credits per semester) and follow the structured schedule, you can complete a bachelor's degree in four years.

Certain majors require that you take essential lower-division prerequisites before transferring to a four-year institution. Contact your academic advisor or faculty mentor for help in selecting lower division credit hours and for additional information

regarding transfer to a four-year degree.

Other Transfer Agreements

Besides GT Pathways and the statewide transfer articulation agreements listed below, many colleges and universities have other transfer agreements that may apply. Use this catalog to determine if your degree path will transfer and speak with your academic advisor or faculty mentor for additional information.

Colorado Community College System (CCCS)

CCCS.edu

Visit the CCCS for links to some of the four-year institutions that have articulation or transfer agreements with CCD.

Colorado Department of Higher Education

www.HigherEd.Colorado.gov

Additional information about statewide guaranteed transfer and articulation agreements is available at the Colorado Department of Higher Education.

Trinidad State Articulation Agreements with 4-year Institutions

Trinidad State College has transfer agreements with Colorado's four-year colleges and universities. These agreements ensure that if a student completes requirements for graduation with an Associate of Arts or Associate of Science Degree, the students have fulfilled general education requirements and will be granted upper division status at the receiving institution.

Colorado Community College System Statewide Articulation Agreements (Degrees with Designation)

Agriculture Business

- Colorado State University-Fort Collins

Agriculture Education

- Colorado State University-Fort Collins

Animal Science

- Colorado State University-Fort Collins

Anthropology

- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

Art History

- Colorado Mesa University

- Colorado State University-Ft Collins
- Colorado State University-Pueblo
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

- University of Colorado-Boulder

Biology

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

Business

- Adams State University
- Colorado Mesa University
- Colorado Mountain College
- Colorado State University-Fort Collins
- Colorado State University-Global Campus
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Criminal Justice

- Colorado Mesa University
- Colorado State University-Global Campus
- Metropolitan State University of Denver
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado

Early Childhood Teacher Education

- Adams State University
- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Denver
- University of Northern Colorado

Economics

- Adams State University
- Colorado State University-Ft Collins
- Fort Lewis College
- Metropolitan State University of Denver

- University of Colorado-Colorado Springs
- University of Colorado-Denver
- University of Northern Colorado
- Western Colorado University

- Colorado State University-Pueblo

Elementary Teacher Education

- Adams State University
- Colorado Mesa University
- Colorado Mountain College
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Environmental Horticulture-Landscape

Business

- Colorado State University-Fort Collins

Equine Science

- Colorado State University-Fort Collins

Geography

- Adams State University
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado

History

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Mathematics

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Nursing Agreements

- Metropolitan State University of Denver
- University of Colorado-Colorado Springs

Physics

- Colorado Mesa University
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado

Pre-Engineering

- Colorado School of Mines
- Colorado State University-Fort Collins
- University of Colorado-Boulder

Psychology (BA)

- Adams State University
- Colorado Mesa University
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Denver
- University of Northern Colorado
- Western Colorado University

Psychology (BS)

- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- University of Denver

Sociology

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado Boulder
- University of Colorado Colorado Springs
- University of Colorado Denver
- University of Northern Colorado
- Western Colorado University

Soil and Crop Science

- Colorado State University-Fort Collins

Studio Art

- Adams State University
- Colorado Mesa University
- Colorado State University-Ft Collins
- Colorado State University-Pueblo
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Colorado-Denver

- University of Northern Colorado
- Western Colorado University

Theater

- Adams State University
- Colorado State University-Fort Collins
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado-Boulder
- University of Colorado-Colorado Springs
- University of Northern Colorado
- Western Colorado University

Business Agreements

- Western Governors University

AAS to BA Interdisciplinary Studies with

Adams State University

- Cosmetology
- Diesel Technology
- Gunsmithing

STUDENT SUCCESS GLOSSARY

There are numerous student support services to assist you throughout your time at TSC. Use the helpful terms below to get started.

Glossary of Helpful Terms

Academic Advisor

Academic Advisors serve new and continuing students based on TSC's advising pathways model and your declared major/program. Advisors serve as the main point of contact to help you confirm your choice of major/ program, discuss placement test results, complete an academic plan, understand academic policies and procedures, track your progress towards graduation or transfer, provide support as needed, and connect to campus resources.

Academic Calendar

<https://trinidadstate.edu/academic-calendar/>

The period that makes up the school year. TSD's academic calendar consists of two 16-week semesters (fall and spring) and one 10-week summer semester. There are set start and end dates for each semester. Payment, drop, registration and grading policies are set in accordance with the academic calendar. Not all classes follow the traditional 16-week (or 10- week in summer) schedule.

Academic Progress

Academic progress is a College policy that dictates the minimum GPA you must maintain to continue enrollment at TSC. Failure to meet academic progress requirements could affect financial aid eligibility.

Academic Year

You are assigned an academic year depending upon the number of college- level credit hours completed.

- Freshman: Successful completion of fewer than 30 college-level semester credit hours.
- Sophomore: Successful completion of 30 or more college-level semester credit hours.
- Unclassified: Awarded a degree at the associate level or above.

CASFA

Colorado Application for State Financial Aid:
<https://cdhe.colorado.gov/students/preparing-for-college/colorado-application-for-state-financial-aid>

Census Date

The last date on which you can drop a class and receive a refund. Classes dropped before the census date will not appear on your academic record. If you withdraw from a class after the census date, you will not receive a refund. Withdrawn classes will appear on the academic record with a grade of W. The census date varies depending upon the length of the class. Refer to your schedule of classes to determine the census date for each class.

Corequisite

If a course has a corequisite, you must take the course simultaneously with another. It is your obligation to know and meet course corequisites as stated in the course description section of the TSC Catalog and the web course schedule. Corequisites will be checked at registration and you may be dropped if the corequisite is not met.

College-Level Courses

Courses numbered 1000 or higher (ex. MAT 1340). Grades received in college-level courses are used when calculating GPA. These courses can be used to satisfy graduation requirements.

College Opportunity Fund (COF)

A stipend provided to eligible undergraduate students who are Colorado residents. The stipend pays a portion of total in-state tuition for students attending a Colorado public institution or a participating private institution. The stipend is paid on a per-credit-hour basis. The credit-hour amount is set annually by the General Assembly.

Consortium

A written agreement between two schools that allows you to be co-enrolled at TSC and another institution and receive financial aid based on the combined enrollment at both institutions.

Course Load

Note: Institutional Scholarship eligibility requires a course load of 15 credit hours / semester. Many degree pathways require 15 or more credit hours per semester to complete in 2 years.

The typical course load for full-time TSC students is 12-15 or more credit hours per semester. For tuition and certification purposes, if you register for fewer than 12 credit hours, you are considered part-time during the academic year.

For enrollment verification purposes, your student course load each semester (fall, spring or summer) is defined as the following:

- 12 credits = full-time
- 9 credits = three-quarter time
- 6 credits = half-time
- Fewer than 6 credits = less than half-time

Drop Date

See "Census Date" above

Emancipation

For tuition classification (residency) purposes, unmarried students under the age of 23 whose parents do not live in Colorado who are emancipated are eligible to establish their own domicile upon reaching 22 years of age. Students may only establish domicile after being emancipated. Thus, an individual emancipated at age 22 may be considered for in-state tuition based on their domicile in Colorado after turning 23.

FAFSA

The Free Application for Federal Student Aid (FAFSA) must be submitted annually in order to determine eligibility for financial aid.

<https://studentaid.gov/h/apply-for-aid/fafsa>

FERPA

Family Educational Rights and Privacy Act of 1974 (FERPA) is a Federal law that protects the privacy of a student's education records.

GPA

Grade point average (GPA) is the average grade earned by a student. This is a measure of your academic achievement and is calculated by dividing the total number of grade points earned by the total number of credits attempted. Only grades received in college-level courses taken at TSC are used to calculate GPA.

Major

The field of academic study in which you specialize. The selected major will determine which courses are required for your program of study.

Prerequisite

If a course has a prerequisite, you must have certain knowledge to be successful in the course. Completion of the prerequisite is required prior to

enrolling in the course. Grades of U/D, U/F, D, F, W, or incomplete are not acceptable. It is your obligation to know and meet course prerequisites as stated in the course description section of the CCD catalog and the web course schedule. Prerequisites will be checked at registration and you may be dropped if a prerequisite is not met.

Second Start

Courses designated as Second Start have varying start and end dates compared to the traditional 16-week semester courses.

Sequence

Set of two or more courses in one subject area usually taken in numerical order (ex. ENG 1021, ENG 1022).

Withdrawal Date

The last date you can drop a class and receive a grade of W. No refund will be given for classes withdrawn from after the census date. You must withdraw from your course(s) via your TSC Connect Portal account. If you stop attending classes without withdrawing, you will receive failing grades. The withdrawal date varies depending upon the length of the course. You should refer to your schedule of classes to determine the withdrawal date for each course.

TSC STUDENT SERVICES

Accommodations Services

<https://trinidadstate.edu/students/disability>

Berg 209 / 719-846-5014 / Trinidad Campus

Welcome Center Room 104 / 719-589-7061 / Valley Campus

The Career & Disability Services Coordinators work with student with documented disabilities in order to provide equal access to programs, services and activities offered at Trinidad State.

TSC complies with and fully supports Section 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act Amendments Act (ADAAA), regarding nondiscrimination on the basis of disability.

Questions?

Office for Civil Rights
U.S. Department of
Education 1244 Speer
Blvd., Suite. 310

Denver, CO 80204-3582

https://ocrcas.ed.gov/contact-ocr?field_state_value=643

Campus Tours

<https://trinidadstate.edu/visit> 1-888-TSC-1925

Campus Tours are available to prospective students and their families. Individual or group tours are available. We look forward to welcoming you to campus.

Educational Opportunity Center (EOC)

The Educational Opportunity Center (EOC) is a community service program, supported in collaboration with CSU-Pueblo, that provides educational planning, information and assistance. These services, which are free and open to the general public, include:

- career counseling
- college/university admission
- vocational-technical school enrollment
- academic assessment coordination
- federal and state student financial aid application (FAFSA) assistance
- scholarships search assistance
- educational planning workshops

The EOC Coordinator is located in the Student Success Center on the Trinidad Campus, Berg 209.

IT Support and Campus Technology

Open Monday through Friday

8 am to 12:30 pm and 1 pm to 5 pm

Trinidad Campus: (719)846-5663

Alamosa Campus: (719)589-7105

E-Mail: SupportDesk@trinidadstate.edu

Website link with additional information:

<https://trinidadstate.edu/it/>

24/7 Technical Support

Login assistance and technical support for:

TSC-Online, CCC-Online, D2L, and Student Email may reached 24 hours a day, 7 days a week

via telephone, web, or chat at:

1-888-800-9198 or <http://help.cccs.edu>

Student Life

<https://trinidadstate.edu/student-life-tc/>

<https://trinidadstate.edu/student-life-vc/>

Trinidad Campus – Berg Building Room 201

Valley Campus – Welcome Center Room 104

Student Life provides opportunities for personal and social growth outside of the classroom. Student Life offers a variety of services and activities, including Student Government Association (SGA), bowling, roller skating, movies, vision board workshops, study sessions and more.

Student Success Center, Trinidad Campus

<https://trinidadstate.edu/people/>

<https://trinidadstate.edu/welcome-center-trinidad/>

Testing Center

<https://trinidadstate.edu/testing/>

Transcript Requests

You may request copies of your TSC academic records from the Office of the Registrar. All transcripts must be requested in writing or ordered online through your student account.

TRiO Student Support Services Program

TRiO Programs are funded by the U.S. Department of Education.

TRiO Student Support Services (SSS)

<https://trinidadstate.edu/trio-tc/> Trinidad Campus Berg 209

<https://trinidadstate.edu/trio-vc/> Valley Campus Room 104

TRiO Student Support Services (SSS) is a federally

funded program that works specifically with students overcoming obstacles to education, including limited income, first generation to college and disability. The SSS staff empower students to graduate from Trinidad State College and transfer to a four-year institution of choice by providing them with services that include:

- academic planning
- tutoring and skills development
- applying for financial aid and scholarships
- career development
- social and cultural activities that broaden their perspectives

Tutoring & Study Enhancement Areas

Helping Maximize Student Academic Success

At Trinidad State College, we understand that academic support is key to your success. In our tutoring and study enhancement areas our dedicated in-house tutor(s) are on hand to assist students with their courses, offer valuable study tips, and help students master time management skills. Plus, it's a great spot not just for academic engagement, but also for doing homework, and printing documents.

Valley Campus, Main Building, Room 105
Monday – Thursday 10:00 am – 3:00 pm

Trinidad Campus, Berg Building, Room 307
Monday – Friday 8:00 am – 5:00 pm

Services:

- Personal tutoring for all classes
 - Study tips and time management advice
 - Specialized support for learning needs
 - Computer lab for test and schoolwork facilitation
 - Guided online quizzes
 - Extra study time outside of class
 - A quiet place to do homework
 - Printing facilities
 - A relaxed space to unwind after classes
- Drop into the Student Success Center on the Trinidad Campus or the Welcome Center on the Valley Campus for more information.

Veteran Benefits

<https://trinidadstate.edu/fia/va-benefits.html>

Veterans seeking Veterans Affairs (VA) educational benefits must apply through the VA website (GIBill.va.gov). It is the veteran's responsibility to assemble and submit all needed materials to the VA Regional Office and TSC's VA Certifying Official.

Trinidad State's VA Certifying Official provides information about veterans' benefits and certifies enrollment throughout the veteran's attendance at the college. It is the veteran's responsibility to notify TSC's VA Certifying Official of any registration updates.

Veterans who are eligible for educational benefits may apply for advanced payment with TSC's VA Certifying Official. The last day to apply for advanced payment is 30 days prior to the first day of classes. Although students may apply for advanced payment, the VA may not issue funds prior to the first day of class. Students must pay their tuition in full or set up a payment plan by the deadline posted.

For more information, visit the VA Certifying Official in the Office of Registration and Records or visit CCD.edu/Veterans.

Veteran Required Documentation

Students must provide all of the following documents to Trinidad State's VA Certifying Official before TSC will begin the VA Certifying Process:

- Copy of original application for benefits (22-1990 or 22-5490) or change of training place (22-1995 or 22-5495).
- Copy of the Certificate of Eligibility (sent by the VA to eligible students six to eight weeks after the student has applied for benefits).
- Copy of DD 214 member 4

Course Selection

The VA does not generally pay for courses that are not required for the student's program of study. VA benefits cannot be used towards a repeated course that has been successfully completed, even if the student intends on repeating the course in order to raise their cumulative GPA. A course for which a grade of D was assigned may be repeated if a higher grade is required for the program of study. The VA will not pay for online developmental courses. Only developmental courses taken on campus are eligible for VA benefits.

TSC's VA Certifying Official will send certification of classes to the VA once the student has registered and submitted the required documentation. If students increase or decrease their credit hours after the initial certification has been submitted, it can result in significant delays to benefits and may also increase the likelihood of overpayment.

Attendance

Students who stop attending class but do not

officially withdraw will earn an F grade for the course. Veterans who fail to inform TSC's VA Certifying Official that they have stopped attending a course may receive an overpayment or debt notification from the VA.

Overpayment

An overpayment may occur if a student withdraws, drops, or decreases the number of credit hours for which they are registered. Courses dropped on or after the start date will create a student debt. It is the responsibility of the student to pay back the VA if an overpayment occurs. For questions concerning this, please ask TSC's VA School Certifying Official.

Veterans' Academic Standards of Progress

Students using VA educational benefits are responsible for following TSC's academic progress policy, which explains student GPA requirements and academic probation processes.

Welcome Center, Valley Campus

<https://trinidadstate.edu/people/>

<https://trinidadstate.edu/welcome-center/>

The Student Success Center on the Trinidad Campus and the Welcome Center on the Valley Campus offer an array of support services for students including tutoring, available online or in person, career services, academic advising, library database access, and disability services.

HELPFUL CONTACT INFORMATION

Academic Advising at Student Success Center (TC) & Welcome Center (VC)

<https://trinidadstate.edu/advising/>

719-846-5026, TC Berg 209

719-589-7296, VC Room 104

Admissions, Recruitment & Outreach

<https://trinidadstate.edu/admissions/>

719-846-5621, TC Berg 201,

719-589-7026, VC Room 104

TS.admissions@trinidadstate.edu

Boettcher Business Innovation Hub

719-846-5057; Freudenthal Memorial Library TC

Cashier's Office

719-846-5547, TC Berg 209

719-589-7026, VC Room 104

Educational Opportunity Center

TRIOEOC@trinidadstate.edu

719-846-5689, TC Berg 209

Financial Aid

<https://trinidadstate.edu/fia/>

719-846-5017, TC Berg 209,

719-589-7045, VC Room 106

Registrar

719-846-5550, TC Berg 108

Residence Hall Director, Trinidad Campus

719-846-5497 and 719-680-1520

Scholarships, Automatic Merit (Institutional)

<https://trinidadstate.edu/scholarships>

Scholarships, Trinidad State College Foundation

<https://trinidadstate.edu/scholarships>

719-846-5520, TC Davis 147

Sodexo Dining Service

719-846-5629; Sullivan Student Center TC

Student Life

<https://trinidadstate.edu/student-life-tc/>

<https://trinidadstate.edu/student-life-vc/>

719-846-5478, TC Berg 201

719-589-7035, VC Room 104

Student Well Being

719-846-5045, TC Berg 111

Testing Center

<https://trinidadstate.edu/testing/practice>

719-589-7035, VC Room 104

Trinidad State Makerspace

719-846-5725, Freudenthal Memorial Library TC

TRIO Student Support Services

<https://trinidadstate.edu/trio-tc/>

719-846-5624, TC Berg 209

<https://trinidadstate.edu/trio-vc/>

719-589-7063, VC Room 104

Tutoring & Study Enhancement Areas

719-846-5624, TC Berg 209

719-589-7063, VC Room 104

Veteran Benefits

Director of Financial Aid: 719-589-7045

WHAT WE OFFER -- AREAS OF STUDY

Associate of Science (AS)

This degree is designed for students who wish to transfer into a bachelor's degree program, with junior standing, in one of the mathematical, biological, physical sciences, or one of the professional fields with such disciplines at its base.

Associate of Arts (AA)

This degree is designed for students who wish to transfer into a bachelor's degree program, with junior standing, in the arts, humanities, social or behavioral sciences, or one of the professional fields with such disciplines as its base.

Associate of General Studies (AGS)

The Associate of General Studies degree curriculum is designed for students who want to complete a broad program of both career/technical and academic transfer courses without the constraints of specialization, or for those students desiring a specific mix of career/technical and traditional academic transfer courses. Transferability of the Associate of General Studies degree depends upon the courses taken and the receiving institution.

The Associate of General Studies degree program requires a minimum of 30 credit hours of general education courses including 25 of these credit hours in prescribed general education courses. An additional 30 credit hours of electives, in Career and Technical Education courses or any other area of interest is required. This is an excellent degree completion option for certificate holders where no AAS is available.

Associate of Applied Science (AAS)

This degree, with a specific occupational field, is designed to prepare individuals in skilled and/or paraprofessional occupations or to upgrade/enhance their employment. These degree programs are not intended for transfer to bachelor's degree programs; however, some AAS degrees and certain courses may be accepted toward a bachelor's degree at various institutions. Many Articulation Agreements exist between Trinidad State College and four year institutions. The required general education component for the Associate of Applied Science degree is a minimum of 15 credit hours.

Certificates

Trinidad State offers numerous certificates, which are designed to prepare individuals to either enhance current employment skills or provide new ones. The common goal for all certificate programs is to prepare students for employment in specific occupations. Some programs consist of major courses as well as related general education courses. While many of these courses may transfer to a four-year College or university, the programs themselves do not have transferability as their primary goal. Students are encouraged to discuss career goals and educational objectives with an Advisor prior to enrollment. Some certificates require prerequisites and selective entry so it is important to read the catalog carefully to understand what is required.

Registered Nurse-Bachelor of Science in Nursing (RN BSN)

Trinidad State's online RN-BSN is designed for students who have graduated from an associate degree or diploma nursing program and wish to earn a Bachelor of Science degree in Nursing. Students must have a current unencumbered RN License. Students may begin RN-BSN courses in Fall, Spring, or Summer semesters if there is sufficient enrollment. The practicum can be completed in the area that the student resides. Students can choose between full-time or part-time completion options (the first cohort will have to be in the program for 1.5 years to allow for the full accreditation cycle to be completed).

The RN-BSN program is in the candidacy stage of accreditation with Commission on Collegiate Nursing Education (CCNE), 655 K Street, NW, Suite 750, Washington, DC 20001, P: (202) 887-6791, F: (202) 887-8476,

<https://www.aacnnursing.org/CCNE>

Bachelor of Applied Science, Business Administration (BAS)

Bachelor of Applied Science degree in Business Administration with a concentration in Management program has targeted curriculum, practical real-world focus, enhanced career readiness, expert faculty guidance, networking opportunities and flexible learning options.

Associate of Arts Degree Plan

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	24.0101
Program Banner Code:	AA_AA	Concentration:	
Total Credits Required:	60	Transfer Pathway:	Transfer-focused degree; work with a transfer advisor to select GT Pathways and electives.

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I (GT-CO1)	3
MAT 1240	Mathematics for Liberal Arts (GT-MA1)	4
SC (Select One)	Physical & Life Sciences GT Pathways Course	3
SS (Select One)	Social & Behavioral Sciences GT Pathways Course (GT-SS1/SS2/SS3)	3
Semester Total:		13

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II (GT-CO2)	3
SC (Select One)	Physical & Life Sciences GT Pathways Course	4
AH (Select One)	Arts & Humanities GT Pathways Course (GT-AH1/AH2)	3
SS (Select One)	Social & Behavioral Sciences GT Pathways Course (GT-SS1/SS2/SS3)	3
AH (Select One)	Arts & Humanities GT Pathways Course (GT-AH3/AH4)**	3
Semester Total:		16

Semester Three

Course Code	Course Name	Credit Hours
AH/SS/HI (Select One)	Arts & Humanities or Social & Behavioral Science or History GT Pathways Course	3
Elective*	Elective (approved)	3
COM 1150 or COM 1250	Public Speaking or Interpersonal Communication (GT-SS3)	3
HI (Select One)	History GT Pathways Course (GT-HI1)	3
SS (Select One)	Social & Behavioral Sciences GT Pathways Elective (GT-SS1/SS2/SS3)	3
Semester Total:		15

Semester Four

Course Code	Course Name	Credit Hours
Elective*	Elective (approved)	3
Elective*	Arts & Humanities GT Pathways Elective**	3
Elective*	Elective (approved)	3
Elective*	Elective (approved)	3
Elective*	Elective (approved)	4
Semester Total:		16

Program Notes:

- Arts & Humanities courses (AH1–AH4) must be taken from at least two different areas.
- Electives with the PED prefix are approved for this degree; students may not repeat HPE or PED coursework to meet graduation requirements.
- GT Pathways options (AH1–AH4, SS1–SS3, HI1, SC1/SC2, etc.) should be selected from the approved GT Pathways course list in consultation with an advisor.
- Total credits required for degree completion: 60.

Associate of Science
Degree Plan

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	24.0199
Program Banner Code:	AS_AS	Concentration:	
Total Credits Required:	60	Transfer Pathway:	Transfer-focused degree; math/science sequencing depends on intended major and receiving institution.

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I (GT-CO1)	3
MAT 1340	College Algebra (GT-MA1)	4
SC (Select One)	Physical & Life Sciences GT Pathways Course (1st of sequence)	4
SS (Select One)	Social & Behavioral Sciences GT Pathways Course (GT-SS1/SS2/SS3)	3
Semester Total:		14

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II (GT-CO2)	3
SC (Select One)	Physical & Life Sciences GT Pathways Course (2nd of sequence)	4
AH (Select One)	Arts & Humanities GT Pathways Course (GT-AH1/AH2)	3
SS (Select One)	Social & Behavioral Sciences GT Pathways Course (GT-SS1/SS2/SS3)	3
HI (Select One)	History GT Pathways Course (GT-HI1)	3
Semester Total:		16

Semester Three

Course Code	Course Name	Credit Hours
AH (Select One)	Arts & Humanities GT Pathways Course (GT-AH3/AH4)	3
COM 1150 or COM 1250	Public Speaking or Interpersonal Communication (GT-SS3)	3
SC (Lab-based)	Physical & Life Sciences GT Pathways Course w/Lab (GT-SC1/SC2)	4
MA1, SC1 or SC2	Mathematics GT Pathways Course or Science GT Pathways Course	3
MA1, SC1 or SC2	Mathematics GT Pathways Course or Science GT Pathways Course	3
Semester Total:		16

Semester Four

Course Code	Course Name	Credit Hours
MA/SC Sequence	Advisor-selected math/science sequence courses based on transfer requirements	14
Semester Total:		14

Program Notes:

- Many science majors are highly structured and require sequential lower-division mathematics and science courses.
- Academic advisors will help students select an appropriate math/science sequence based on transfer requirements.
- There is no required sequence except when courses have prerequisites. Some courses are 4–5 credit hours and students should adjust academic planning accordingly.
- Students should work with an advisor each semester, prior to registering, to ensure they are enrolling in the proper courses in the most logical sequence.
- Total credits required for degree completion: 60.

ASSOCIATE OF GENERAL STUDIES

DEGREE PLAN

CAMPUS	Trinidad Main Campus (TMC), Trinidad Alamosa Campus (TAC)	PROGRAM CODE	AGS_AGS
CIP CODE	24.0102	TOTAL CREDITS	60

Semester planning for this degree will vary. Students are encouraged to work closely with a Trinidad State advisor to plan their degree path. Requirements for this degree include: a minimum of 60 credit hours of coursework; a cumulative GPA of 2.0 or higher; 30 general education credits; 30 additional credits; and a minimum of 15 graded credit hours earned at Trinidad State College.

COMMUNICATIONS (SELECT ONE ENGLISH AND ONE COMMUNICATIONS COURSE)

COURSE CODE	COURSE NAME	CREDIT HOURS
COM 1150	Public Speaking	3
COM 1250	Interpersonal Communication: GT-SS3	3
COM 2020	Intercultural Communication: GT-SS3	3
ENG 1021	English Composition I: GT-CO1	3
ENG 1022	English Composition II: GT-CO2	3
ENG 1020	Technical Writing I: GT-CO1	3
ENG 2021	Creative Writing I: GT-AH1	3
CREDITS REQUIRED:		6

MATHEMATICS

COURSE CODE	COURSE NAME	CREDIT HOURS
GT-MA1	Any GT Pathways Mathematics course	3
MAT 1140	Career Math	3
MAT 1160	Financial Mathematics	3
MAT 1220	Integrated Math I: GT-MA1	3
MAT 1230	Integrated Math II: GT-MA1	3
CREDITS REQUIRED:		3

NATURAL AND PHYSICAL LIFE SCIENCES

COURSE CODE	COURSE NAME	CREDIT HOURS
GT-SC1 / GT-SC2	Any GT Pathways Physical & Life Sciences course	4
BIO 1006	Basic Anatomy and Physiology	4
CREDITS REQUIRED:		4

ARTS AND HUMANITIES

COURSE CODE	COURSE NAME	CREDIT HOURS
GT-AH1–GT-AH4	Any GT Pathways Arts & Humanities course	3
ART 1002	Visual Concepts: 2-D Design	3
ART 1003	Visual Concepts: 3-D Design	3
ART 2211	Drawing I	3
CREDITS REQUIRED:		6

SOCIAL AND BEHAVIORAL SCIENCES

COURSE CODE	COURSE NAME	CREDIT HOURS
GT-HI1 / GT-SS1–GT-SS3	Any GT Pathways Social & Behavioral Sciences or History course	6
CREDITS REQUIRED:		6

ADDITIONAL GT PATHWAYS

COURSE CODE	COURSE NAME	CREDIT HOURS
GT Pathways	GT Pathways coursework	5
CREDITS REQUIRED:		5

FREE ELECTIVES		
COURSE CODE	COURSE NAME	CREDIT HOURS
Free Electives	Select from approved elective prefixes (courses numbered 100+)	30
CREDITS REQUIRED:		30

Total Credits for Degree: 60

Elective options (course prefixes):

- AAA
- AST – Astronomy
- COM – Communication
- GEO – Geography
- HUM – Humanities
- MUS – Music
- PHY – Physics
- SCI – Science
- ANT – Anthropology
- BIO – Biology
- CSC – Computer Science
- GEY – Geology
- LIT – Literature
- PED – Physical Education
- PSC – Political Science
- SOC – Sociology
- ART – Art
- CHE – Chemistry
- ECE – Early Childhood Education
- HIS – History
- MGD – Multimedia Graphic Design
- PHI – Philosophy
- PSY – Psychology
- THE – Theatre

Vocational or Academic Electives: Select electives from any vocational or academic courses numbered at or above 100 offered at Trinidad State College.

AGRIBUSINESS ASSOCIATE OF APPLIED SCIENCE DEGREE

DEGREE PLAN

CAMPUS	Trinidad Alamosa Campus (TAC)	PROGRAM CODE	AAS_AGB1
CIP CODE	01.0101	TOTAL CREDITS	60

SEMESTER ONE		
COURSE CODE	COURSE NAME	CREDIT HOURS
ENG 1021	English Composition I: GT-CO1	3
COM 1150 or COM 1250	Public Speaking or Interpersonal Communication: GT-SS3	3
MAT 1260 or MAT 1340	Introduction to Statistics: GT-MA1 or College Algebra: GT-MA1	3
AGY 1100	General Crop Production	4
ASC 1100	Animal Science	3
SEMESTER TOTAL:		16

SEMESTER TWO		
COURSE CODE	COURSE NAME	CREDIT HOURS
AGP 1007	Practical Irrigation Management	2
ASC 2125	Feeds and Feeding	4
ASC 2150	Live Animal and Carcass Evaluation	3
HLT 1101	Introduction to Horticulture	4
GT Elective	AH1, AH2, AH3, AH4, SS1, SS2, SS3, SC1 or SC2 (see approved course list)	3
SEMESTER TOTAL:		16

SEMESTER THREE		
COURSE CODE	COURSE NAME	CREDIT HOURS
AGE 2105	Farm and Ranch Management	3
AGE 2108	Agricultural Finance	3
BUS 1015	Introduction to Business	3
RAM 2005	Principles of Range Management	3
AGE 1102	Agriculture Economics: GT-SS1	3
SEMESTER TOTAL:		15

SEMESTER FOUR		
COURSE CODE	COURSE NAME	CREDIT HOURS
AGE 2110	Agricultural Marketing	3
AGY 2140	Introduction to Soil Science: GT-SC1	4
CIS 1018	Introduction to PC Applications	3
GT Elective	AH1, AH2, AH3, AH4, SS1, SS2, SS3, SC1 or SC2 (see approved course list)	3
SEMESTER TOTAL:		13

Total Credits for Degree: 60

Recommended GT Pathways Elective Options (examples):

- ART 1110 Art Appreciation: GT-AH1
- AST 1110 Astronomy with Lab: Planetary Systems: GT-SC1
- ENV 1010 Natural Disasters: GT-SC2
- ENV 1111 Environmental Science with Lab: GT-SC1
- PSC 1011 American Government: GT-SS1
- HIS 1210 U.S. History to Reconstruction: GT-HI1
- HIS 1220 U.S. History Since the Civil War: GT-HI1
- PSY 1001 General Psychology I: GT-SS3
- SCI 1105 Science in Society: GT-SC2

AGRIBUSINESS CERTIFICATE

CERTIFICATE PLAN

CAMPUS	Trinidad Alamosa Campus (TAC)	PROGRAM CODE	CER_AGT
CIP CODE	01.0101	TOTAL CREDITS	32

SEMESTER ONE		
COURSE CODE	COURSE NAME	CREDIT HOURS
ACC 1021	Accounting Principles I	4
AGE 1102 or ECO 2001	Agriculture Economics: GT-SS1 or Principles of Macroeconomics: GT-SS1	3
AGE 2105	Farm and Ranch Management	3
AGE 2108	Agricultural Finance	3
ASC 1100	Animal Science	3
MAT 1140 / MAT 1240 / MAT 1260 / MAT 1340	Career Math or Mathematics for Liberal Arts: GT-MA1 or Introduction to Statistics: GT-MA1 or College Algebra: GT-MA1	3
SEMESTER TOTAL:		19

SEMESTER TWO		
COURSE CODE	COURSE NAME	CREDIT HOURS
AGE 2110	Agricultural Marketing	3
BUS 1015	Introduction to Business	3
CIS 1018	Introduction to PC Applications	3
ASC 2125	Feeds and Feeding	4
SEMESTER TOTAL:		13

Total Credits for Certificate: 32

AGRICULTURE SCIENCE CERTIFICATE

CERTIFICATE PLAN

CAMPUS	Trinidad Alamosa Campus (TAC)	PROGRAM CODE	CER_4SGA
CIP CODE	01.0301	TOTAL CREDITS	37

SEMESTER ONE

COURSE CODE	COURSE NAME	CREDIT HOURS
AGE 2108	Agricultural Finance	3
AGY 1100	General Crop Production	4
ASC 1100	Animal Sciences	3
BIO 1111	General College Biology I with Lab: GT-SC1	5
RAM 2005	Principles of Range Management	3
SEMESTER TOTAL:		18

SEMESTER TWO

COURSE CODE	COURSE NAME	CREDIT HOURS
ACC 1021	Accounting Principles I	4
ASC 2125	Feeds and Feeding	4
ECO 2001	Principles of Macroeconomics: GT-SS1	3
BIO 1112	General College Biology II with Lab: GT-SC1	5
MAT 1260	Introduction to Statistics: GT-MA1	3
SEMESTER TOTAL:		19

Total Credits for Certificate: 37

CROP SCIENCE CERTIFICATE

CERTIFICATE PLAN

CAMPUS	Trinidad Alamosa Campus (TAC)	PROGRAM CODE	CER_4AG2
CIP CODE	01.0304	TOTAL CREDITS	34

SEMESTER ONE		
COURSE CODE	COURSE NAME	CREDIT HOURS
AGE 2105	Farm and Ranch Management	3
AGY 1100	General Crop Production	4
BIO 1111	General College Biology I with Lab: GT-SC1	5
MAT 1140 / MAT 1240 / MAT 1260 / MAT 1340	Career Math or Mathematics for Liberal Arts: GT-MA1 or Introduction to Statistics: GT-MA1 or College Algebra: GT-MA1	3
SEMESTER TOTAL:		15

SEMESTER TWO		
COURSE CODE	COURSE NAME	CREDIT HOURS
AGP 1007	Irrigation Management	2
AGY 2140	Introduction to Soil Science: GT-SC1	4
CIS 1018	Introduction to PC Applications	3
Approved Electives	Select from approved elective list below	10
SEMESTER TOTAL:		19

Total Credits for Certificate: 34

Approved Electives (choose 10 credits):

- AGE 1102 Agriculture Economics: GT-SS1
- AGE 2108 Agricultural Finance
- ASC 1100 Animal Sciences
- HLT 1101 Introduction to Horticulture
- HWE 1050 Human Nutrition
- RAM 2005 Range Management

ASSOCIATE OF SCIENCE IN AGRICULTURE BUSINESS

DEGREE PLAN

CAMPUS	Trinidad Alamosa Campus (TAC)	PROGRAM CODE	AS_AS (Concentration: DAGB)
CIP CODE	01.0101	TOTAL CREDITS	60
Transfer Pathway: Statewide Transfer Articulation Agreement toward a Bachelor's Degree at Colorado State University – Fort Collins			

SEMESTER ONE		
COURSE CODE	COURSE NAME	CREDIT HOURS
ENG 1021	English Composition I (GT-CO1)	3
MAT 1340	College Algebra (GT-MA1)	4
BIO 1111	General College Biology I with Lab (GT-SC1)	5
ACC 1021	Accounting Principles I	4
SEMESTER TOTAL:		16

SEMESTER TWO		
COURSE CODE	COURSE NAME	CREDIT HOURS
ENG 1022	English Composition II (GT-CO2)	3
HIS (Select One)	History Course (GT-HI1) – see options below	3
COM 1150	Public Speaking	3
ECO 2001	Principles of Macroeconomics (GT-SS1)	3
MAT 1260	Introduction to Statistics (GT-MA1)	3
SEMESTER TOTAL:		15

History Options (Choose One):

- HIS 1310 Western Civilization: Antiquity–1650
- HIS 1320 Western Civilization: 1650–Present
- HIS 1110 The World: Antiquity–1500
- HIS 1120 The World: 1500–Present
- HIS 1210 U.S. History to Reconstruction
- HIS 1220 U.S. History Since the Civil War

SEMESTER THREE		
COURSE CODE	COURSE NAME	CREDIT HOURS
CHE 1011 or CHE 1111	Intro to Chemistry I w/Lab or General College Chemistry I w/Lab (GT-SC1)	5
AH (Select One)	Arts & Humanities Course (GT-AH1, AH2, AH3, or AH4) – see options below	3
AGE 1102	Agricultural Economics	3
AG Elective	Agriculture elective – see options below	3
SEMESTER TOTAL:		14

Arts & Humanities Options (Choose One):

- ART 1110 Art Appreciation (GT-AH1)
- ART 1111 Art History: Ancient to Medieval (GT-AH1)
- MUS 1020 Music Appreciation (GT-AH1)
- PHI 1011 Introduction to Philosophy (GT-AH3)
- LIT 1015 Introduction to Literature I (GT-AH2)
- THE 1005 Theatre Appreciation (GT-AH1)

Agriculture Elective Options (Choose One):

- AGE 2105 Farm and Ranch Management
- AGE 2108 Agricultural Finance

SEMESTER FOUR		
COURSE CODE	COURSE NAME	CREDIT HOURS
AH (Select One)	Arts & Humanities Course (GT-AH1, AH2, AH3, or AH4) – see options below	3
AGE 2110	Agricultural Marketing	3
AGR 2160	World Interdependence: Population and Food (GT-SS3)	3
CIS 1018	Introduction to PC Applications	3
AG/Math Elective	See options below	3
SEMESTER TOTAL:		15–16

Arts & Humanities Options (Choose One):

- ART 1112 Art History: Renaissance to 1900
- LIT 1015 Introduction to Literature I
- MUS 1021 Music History: Medieval to Classical
- MUS 1025 History of Jazz

AG / Math Elective Options (Choose One):

- MAT 1400 Survey of Calculus (3–4 credits)
- ASC 2125 Feeds & Feeding
- AGY 1100 General Crop Production
- AGY 2140 Introduction to Soil Science
- ASC 1100 Animal Science

Program Summary

- Total Credits: 60
- Meets Colorado GT Pathways Requirements
- Designed for transfer to CSU–Fort Collins
- Strong foundation in agriculture economics, finance, marketing, and production systems

Associate of Arts Art History Transfer Major

Campus:	TMC, TAC	Program Code:	TBD
CIP Code:	TBD	Total Credits:	60

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1240	Mathematics for Liberal Arts: GT-MA1	4
ART 1111	Art History: Ancient to Medieval: GT-AH1	3
ART 1201	Drawing I	3
GT-HI1	Select one (see GT Pathways for additional options):	3
	HIS 1310 Western Civilization: Antiquity-1650	
	HIS 1320 Western Civilization: 1650-Present	
	HIS 1110 The World: Antiquity-1500	
	HIS 1120 The World: 1500-Present	
	HIS 1210 U.S. History to Reconstruction	
	HIS 1220 U.S. History Since the Civil War	
Semester Total		16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO2	3
ART 1112	Art History: Renaissance to 1900: GT-AH1	3
GT-SS1/SS3	Select one (see GT Pathways for additional options):	3
	ECO 2002 Principles of Microeconomics: GT-SS1	
	PSY 1002 General Psychology II: GT-SS3	
	SOC 1002 Introduction to Sociology II: GT-SS3	
	PSY 2222 Psychology of Death and Dying: GT-SS3	
	PSC 1011 American Government: GT-SS1	
GT-SC2	Select one (see GT Pathways for additional options):	3
	ENV 1010 Natural Disasters: GT-SC2	
	GEO 1011 Landforms with Lab: GT-SC1	
	SCI 1105 Science in Society: GT-SC2	
Elective	Any GT transferable course (recommended: work with a transfer advisor).	3
Semester Total		15

Semester Three

Course Code	Course Name	Credit Hours
GT-SC1 (Lab)	Select one lab-based science course:	4-5
	AST 1110 Planetary Astronomy with Lab: GT-SC1 (4)	
	BIO 1005 Science of Biology with Lab: GT-SC1 (4)	
	BIO 1004 Biology: A Human Approach: GT-SC1 (4)	
	BIO 1111 General College Biology I with Lab: GT-SC1 (5)	
Semester Total		4-5

Semester Four		
Course Code	Course Name	Credit Hours
GT-AH2/AH3/AH4	Select one (see GT Pathways for approved options): HUM 1021 Humanities: Early Civilization: GT-AH2 LIT 2002 World Literature After 1600: GT-AH2 LIT 2011 American Literature to Civil War: GT-AH2 LIT 2012 American Literature After Civil War: GT-AH2 PHI 1011 Introduction to Philosophy: GT-AH3 PHI 1013 Logic: GT-AH3 SPA 2011 Spanish Language III: GT-AH4	3
GT-SS1/SS2/SS3	Select one (see GT Pathways for additional options): ECO 2001 Principles of Macroeconomics: GT-SS1 GEO 1005 World Regional Geography: GT-SS2 PSY 1001 General Psychology I: GT-SS3 SOC 1001 Introduction to Sociology I: GT-SS3	3
ART 1003	Visual Concepts 3-D Design	3
ART 1113	Art History: 1900 to Present: GT-AH1	3
Elective	Any GT transferable course (recommended: work with a transfer advisor).	3
Semester Total		15

TOTAL: 60 credits

*MAT 1240 is preferred by most 4-year receiving institutions in Colorado. It is the student's responsibility to work with a transfer advisor to determine which MAT course is required for their transfer path.

Statewide Transfer Articulation Agreement for a Bachelor's Degree from these Colorado Public Four-Year Institutions: Colorado Mesa University; Colorado State University–Fort Collins; Colorado State University–Pueblo; Metropolitan State University of Denver; University of Colorado Boulder; University of Colorado Colorado Springs; University of Colorado Denver; University of Northern Colorado; Western Colorado University.

For the most current information on this transfer articulation agreement, please go to the following website:
<https://cdhe.colorado.gov/students/attending-college/credit-transfer/transfer-degrees>

Associate of Science Agriculture Education Transfer Major

Campus: TAC
Program: Agriculture Education Transfer Major, AS
Total Credits: 63

Program Code: AS_AGED
CIP Code: 01.0101

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I (GT-CO1)	3
BIO 1111	General College Biology I with Lab (GT-SC1)	5
AGY 1100	General Crop Production	4
ASC 1100	Animal Science	3
Semester Total:		15

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II (GT-CO2)	3
GT-HI1	Select one (3 credits): HIS 1310 Western Civilization: Antiquity–1650 (GT-HI1) HIS 1320 Western Civilization: 1650–Present (GT-HI1) HIS 1110 The World: Antiquity–1500 (GT-HI1) HIS 1120 The World: 1500–Present (GT-HI1) HIS 1210 U.S. History to Reconstruction (GT-HI1) HIS 1220 U.S. History Since the Civil War (GT-HI1)	3
MAT 1340	College Algebra (GT-MA1)	4
AME 1005	Basic Ag Mechanic Skills	2
Directed Elective	Select one (3 credits): ASC 2150 Live Animal & Carcass Evaluation EDU 2211 Introduction to Education HWE 1050 Human Nutrition HLT 1101 Introduction to Horticulture	3
Semester Total:		15

Semester Three

Course Code	Course Name	Credit Hours
CHE 1011 or CHE 1111	Introduction to Chemistry I with Lab OR General College Chemistry I with Lab (GT-SC1)	5
GT-AH	Select two Arts & Humanities courses (6 credits total). Examples: ART 1110 Art Appreciation (GT-AH1) MUS 1020 Music Appreciation (GT-AH1) PHI 1011 Introduction to Philosophy (GT-AH3) THE 1005 Theatre Appreciation (GT-AH1) LIT 1015 Introduction to Literature I (GT-AH2) SPA 2011 Spanish Language III (GT-AH4)	6
Advisor-Approved Electives	Additional required electives (6 credits) to reach 63 total credits.	6
Semester Total:		17

Semester Four

Course Code	Course Name	Credit Hours
AGY 2140	Introduction to Soil Science	4
AGR 2160	World Interdependence: Population and Food (GT-SS3)	3
Electives	Select 9 credits (advisor-approved) from: AME 1025 Agriculture Machinery ASC 2125 Feeds and Feedings ASC 2188 Livestock Practicum AME 1051 Fundamentals of Welding RAM 2005 Range Management ASC 2130 Farm Animal Anatomy & Physiology	9
Semester Total:		16

TOTAL: 63 credits

Statewide Transfer Articulation Agreement (STAA)

Bachelor's-degree articulation destination: Colorado State University – Fort Collins.

For the most current information on this transfer articulation agreement, visit:

<https://cdhe.colorado.gov/sites/highered/files/documents/AGRICULTURAL%20EDUCATION%20STAA%20REVISED%20MARCH%202022.pdf>

Animal Science Certificate – Degree Plan

CAMPUS:	TAC	PROGRAM:	Animal Science (Certificate)
PROGRAM BANNER CODE:	CER_4AGA	CIP CODE:	01.0901
TOTAL CREDITS:	34		

Semester One

Course Code	Course Name	Credit Hours
AGE 2105	Farm and Ranch Management	3
AGE 2108	Agriculture Finance	3
ASC 1100	Animal Science	3
BIO 1111	General College Biology I with Lab: GT-SC1	5
RAM 2005	Principles of Range Management	3
Semester Total:		17

Semester Two

Course Code	Course Name	Credit Hours
ASC 2125	Feeds and Feeding	4
ASC 2150	Live Animal and Carcass Evaluation	3
CIS 1018	Introduction to PC Applications	3
MAT 1140 / MAT 1240 / MAT 1260 / MAT 1340	Select one (3 credits):	
	MAT 1140 Career Math	
	MAT 1240 Mathematics for Liberal Arts: GT-MA1	3
	MAT 1260 Introduction to Statistics: GT-MA1	
CHE 1011 / CHE 1111 / CHE 1112	MAT 1340 College Algebra: GT-MA1	
	Select one option (4 credits):	
	CHE 1011 Introduction to Chemistry I with Lab: GT-SC1	
	CHE 1111 General College Chemistry I with Lab: GT-SC1	4
	CHE 1112 General College Chemistry II with Lab: GT-SC1	
Semester Total:		17

TOTAL: 34 credits

Applied Technology

Associate of Applied Science (AAS) – Degree Plan

CAMPUS:	TMC, TAC	PROGRAM:	Associate of Applied Science – Applied Technology
PROGRAM BANNER CODE:	AAS_APT1	CIP CODE:	41.9999
TOTAL CREDITS:	60		

Semester planning for this degree will vary. Students are encouraged to work closely with a Trinidad State advisor to plan their degree path. Requirements for this degree are a minimum of 60 credit hours of course work; cumulative GPA of 2.0 or higher; general education courses of 15 credit hours; additional requirements of 45 credit hours; and a minimum of 15 graded credit hours earned at Trinidad State College.

General Education Requirements (15 credits)

Course Code	Course Name	Credit Hours
Written Communications	Select one (3 credits): ENG 1021 English Composition I: GT-CO1 ENG 1022 English Composition II: GT-CO2 ENG 1020 Technical Writing I: GT-CO1 ENG 2021 Creative Writing I: GT-AH1	3
Communications	Select one (3 credits): COM 1150 Public Speaking COM 1250 Interpersonal Communication: GT-SS3 COM 2020 Intercultural Communication: GT-SS3	3
Mathematics	Select one (3 credits): Any GT Pathways Mathematics course (GT-MA1) OR MAT 1140 Career Math MAT 1240 Math for Liberal Arts	3
Arts & Humanities / Science / Social-Behavioral Science	Select any GT Pathways courses from Arts & Humanities, Science, and/or Social & Behavioral Sciences (6 credits total).	6
Semester Total:		15

Additional Requirements (45 credits)

Course Code	Course Name	Credit Hours
CTE or A&S Electives	Select from Career & Technical Education courses or Arts & Sciences courses.	45
Semester Total:		45

TOTAL: 60 credits

Western Colorado University.

For the most current information on this transfer articulation agreement, please go to the following website:

<https://cdhe.colorado.gov/sites/highered/files/documents/STUDIO%20ART%20STAA%20REVISED%20NOVEMBER%202022.pdf>

Automotive Service Technology Associate of Applied Science

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	(verify Banner code)	47.0604	69–70

Semester One

Course Code	Course Name	Credit Hours
	Mathematics – Choose one:	
MAT 1140	Career Math	3
MAT 1240	Mathematics for Liberal Arts: GT-MA1	4
MAT 1260	Introduction to Statistics: GT-MA1	3
MAT 1340	College Algebra: GT-MA1	4
ASE 1002	Introduction to the Automotive Shop	2
ASE 1010	Automotive Brake Service I	2
ASE 1011	Automotive Brake Service II	2
ASE 1020	Basic Automotive Electricity	2
ASE 1022	Automotive Elective Safety Systems	1
ASE 1023	Starting and Charging Systems	2
ASE 2010	Automotive Power and ABS Brake Systems	2
ASE 2021	Automotive and Diesel Body Electrical	4
Total		20–21

Semester Two

Course Code	Course Name	Credit Hours
	Written Communication – Choose one:	
ENG 1015	Technical English and Communication	3
ENG 1021	English Composition I: GT-CO1	3
ENG 1020	Technical Writing I: GT-CO1	3
ASE 1030	General Engine Diagnosis	2
ASE 1040	Suspension and Steering I	2
ASE 1041	Suspension and Steering II	2
ASE 1060	Automotive Engine Repair	2
ASE 1062	Automotive Engine Service and Repair	2
ASE 2040	Suspension and Steering III	2
Total		15

Semester Three

Course Code	Course Name	Credit Hours
	Communication – Choose one:	
COM 1150	Public Speaking	3
COM 1250	Interpersonal Communication: GT-SS3	3
	Arts/Humanities/Social/Science elective – Choose one (3 credits):	
ART 1111	Art History: Ancient to Medieval: GT-AH1	3
AST 1110	Planetary Astronomy with Lab: GT-SC1	4
ECO 2001	Principles of Macroeconomics: GT-SS1	3
HIS 1210	U.S. History to Reconstruction: GT-HI1	3
PSC 1011	American Government: GT-SS1	3

SCI 1105	Science in Society: GT-SC2	3
ASE 1050	Manual Drive Train and Axle Maintenance	2
ASE 1051	Automatic Transmissions and Transaxles Maintenance	2
ASE 1052	Automatic Transmission and Transaxle Repair	2
ASE 2020	Computers and Ignition Systems	1
ASE 2051	Automotive Transmission and Transaxle Repair	2
ASE 2060	Hybrid and Alternative Fuels	3
Total		18

Semester Four		
Course Code	Course Name	Credit Hours
	General Education elective – Choose one:	
BIO 1005	Science of Biology with Lab: GT-SC1	4
THE 1005	Theatre Appreciation: GT-AH1	3
HIS 1220	U.S. History Since the Civil War: GT-HI1	3
MUS 1020	Music Appreciation: GT-AH1	3
SOC 1001	Introduction to Sociology I: GT-SS3	3
ASE 1034	Automotive Fuel and Emission Systems I	2
ASE 2033	Automotive Fuel and Emission Systems II	4
ASE 2035	Ignition and Emissions Control Systems	2
ASE 2064	Heating and Air Conditioning I	1
ASE 2065	Heating and Air Conditioning II	2
Total		15–16

Notes:

Credit hours and GT Pathways designations for MAT 1240/1260/1340, ENG 1022, and select ASE courses should be verified against CCCNS. This plan reflects the structure you provided; where credit hours vary by course choice, totals are shown as ranges.

Automotive Service Technology Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_ATC	47.0604	60

Semester One		
Course Code	Course Name	Credit Hours
ASE 1002	Introduction to the Automotive Shop	2
ASE 1010	Automotive Brake Service I	2
ASE 1011	Automotive Brake Service II	2
ASE 1020	Basic Automotive Electricity	2
ASE 1022	Automotive Elective Safety Systems	1
ASE 1023	Starting and Charging Systems	2
ASE 2010	Automotive Power and ABS Brake Systems	2
ASE 2021	Automotive and Diesel Body Electrical	4
Total		17
Semester Two		
Course Code	Course Name	Credit Hours
ASE 1030	General Engine Diagnosis	2
ASE 1040	Suspension and Steering I	2
ASE 1041	Suspension and Steering II	2
ASE 1060	Automotive Engine Repair	2
ASE 1062	Automotive Engine Service and Repair	2
ASE 2040	Suspension and Steering III	2
Total		12
Semester Three		
Course Code	Course Name	Credit Hours
ASE 1050	Manual Drive Train and Axle Maintenance	2
ASE 1051	Automotive Manual Transmission/Transaxles & Clutches I	2
ASE 1052	Automotive Manual Transmission/Transaxles & Clutches II	2
ASE 2050	Automatic Transmission/Transaxle Service	1
ASE 2031	Automotive Computers and Ignition Systems	2
ASE 2051	Automotive Transmission and Transaxle Repair	3
Total		12
Semester Four		
Course Code	Course Name	Credit Hours
ASE 1034	Automotive Fuel and Emission Systems I	2
ASE 2033	Automotive Fuel and Emission Systems II	4
ASE 2035	Driveability & Diagnosis	2
ASE 2064	Introduction to Automotive Heating and Air Conditioning	1
ASE 2065	Heating and Air Conditioning Systems	4
Total		13

TOTAL: 60 credits

Automatic Transmission Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_AAUT	47.0604	6

Semester One		
Course Code	Course Name	Credit Hours
ASE 1002	Introduction to the Automotive Shop	2
ASE 2050	Automatic Transmission/Transaxle Service	1
ASE 2051	Automotive Transmission and Transaxle Repair	3
Total		6

TOTAL: 6 credits

Automotive Electrical Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_AAEE	47.0604	11

Semester One		
Course Code	Course Name	Credit Hours
ASE 1002	Introduction to the Automotive Shop	2
ASE 1020	Basic Automotive Electricity	2
ASE 1022	Automotive Elective Safety Systems	1
ASE 1023	Starting and Charging System	2
ASE 2021	Automotive and Diesel Body Electrical	4
Total		11

TOTAL: 11 credits

Automotive Brakes Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_AB1	47.0604	8

Semester One		
Course Code	Course Name	Credit Hours
ASE 1002	Introduction to the Automotive Shop	2
ASE 1010	Automotive Brake Service I	2
ASE 1011	Automotive Brake Service II	2
ASE 2010	Automotive Power and ABS Brake Systems	2
		8

TOTAL: 8 credits

Automotive Engine Performance Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_AT4	47.0604	12

Semester One		
Course Code	Course Name	Credit Hours
ASE 1002	Introduction to the Automotive Shop	2
ASE 2035	Driveability & Diagnosis	2
ASE 1034	Automotive Fuel and Emission Systems I	2
ASE 2031	Automotive Computers and Ignition Systems	2
ASE 2033	Automotive Fuel and Emission Systems II	4
Total		12

TOTAL: 12 credits

Automotive Engine Repair Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_AB4	47.0604	8

Semester One		
Course Code	Course Name	Credit Hours
ASE 1002	Introduction to the Automotive Shop	2
ASE 1030	General Engine Diagnosis	2
ASE 1060	Automotive Engine Repair	2
ASE 1062	Automotive Engine Service and Repair	2
Total		8

TOTAL: 8 credits

Automotive HVAC Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_AB	47.0604	7

Semester One		
Course Code	Course Name	Credit Hours
ASE 1002	Introduction to the Automotive Shop	2
ASE 2064	Introduction to Automotive Heating and Air Conditioning	1
ASE 2065	Heating and Air Conditioning Systems	4
		7

TOTAL: 7 credits

Automotive Suspension and Steering Technology Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_AB8	47.0604	8

Semester One		
Course Code	Course Name	Credit Hours
ASE 1002	Introduction to the Automotive Shop	2
ASE 1040	Suspension and Steering I	2
ASE 1041	Suspension and Steering II	2
ASE 2040	Suspension and Steering III	2
Total		8

TOTAL: 8 credits

Barbering Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TAC	CER_COB	12.0401	50
Semester One			
Course Code	Course Name	Credit Hours	
BAR 1041	Intermediate Permanent Waves/Chemical Relaxers	3	
COS 1050	Laws, Rules, and Regulations	1	
COS 1060	Introduction to Infection Control and Prevention	2	
COS 1061	Intermediate I: Infection Control and Prevention	1	
COS 2050	Business Management /Personal Skills/Ethics	1	
COS 2060	Intermediate II: Infection Control and Prevention	2	
COS 2061	Advanced Infection Control and Prevention	1	
COS 2088	Practicum	3	
EST 1010	Introduction to Skin Care	3	
Total			17
Semester Two			
Course Code	Course Name	Credit Hours	
BAR 1007	Introduction to Shaving, Honing, & Stropping	1	
BAR 1008	Intermediate Shaving, Honing & Stropping	1	
BAR 2007	Advanced Shaving, Honing, & Stropping	1	
COS 1003	Introduction to Hair and Scalp	1	
COS 1020	Introduction to Hair Cutting	2	
COS 1021	Intermediate I: Hair Cutting	2	
COS 1030	Introduction to Hair Styling	2	
COS 1031	Intermediate I: Hair Styling	2	
COS 1040	Introduction to Chemical Texture	1	
COS 1041	Intermediate I: Chemical Texture	1	
COS 2003	Intermediate I: Hair and Scalp	1	
COS 2020	Intermediate II: Hair Cutting	2	
Total			17
Semester Three			
Course Code	Course Name	Credit Hours	
BAR 2041	Advanced Permanent Waves/Chemical Relaxers	2	
COS 1010	Introduction to Hair Coloring	2	
COS 1011	Intermediate I: Haircoloring	2	
COS 2010	Intermediate II: Haircoloring	2	
COS 2011	Advanced Hair Coloring	2	
COS 2021	Advanced Hair Cutting	2	
COS 2030	Intermediate II: Hair Styling	2	
COS 2031	Advanced Hair Styling	1	
COS 2040	Intermediate II: Chemical Texture	1	
Total			16

Basic Law Enforcement Associate of Applied Science

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TAC	AAS_4LBR	43.0107	62

Semester One		
Course Code	Course Name	Credit Hours
LEA 1001	Basic Police Academy I <i>Note: Fall Only Valley (not offered in Trinidad)</i>	6
LEA 1005	Basic Law <i>Note: Fall Only Valley (not offered in Trinidad)</i>	8
LEA 1006	Arrest Control Techniques <i>Note: Fall Only Valley (not offered in Trinidad)</i>	3
Total		17

Semester Two		
Course Code	Course Name	Credit Hours
LEA 1002	Basic Police Academy II <i>Note: Spring Only Valley (not offered in Trinidad)</i>	12
LEA 1007	Law Enforcement Driving <i>Note: Spring Only Valley (not offered in Trinidad)</i>	3
LEA 1008	Firearms <i>Note: Spring Only Valley (not offered in Trinidad)</i>	3
Total		18

Semester Three		
Course Code	Course Name	Credit Hours
ENG 1015 ENG 1021 or ENG 1031	Technical English and Communication Select one: <ul style="list-style-type: none"> • English Composition I: GT-CO1 • Technical Writing I: GT-CO1 	3
MAT 1140 MAT 1240 MAT 1260 or MAT 1340	Career Math Select one: <ul style="list-style-type: none"> • Mathematics for Liberal Arts: GT-MA1 • Introduction to Statistics: GT-MA1 • College Algebra: GT-MA1 	3
History	HIS 1210 US History to Reconstruction: GT- HI1 Select one: <ul style="list-style-type: none"> • HIS 1220 US History since the Civil War:GT-HI1 • HIS 1110 The World: Antiquity-1500: GT-HI1 • HIS 1120 The World: 1500-Present: GT-HI1 • HIS 1310 Western Civ: Antiquity-1650: GT-HI1 	3

	<ul style="list-style-type: none"> HIS 1320 Western Civ: 1650-Present: GT-HI1 	
Electives	<p>CRJ 2030 Criminology</p> <p>Select one:</p> <ul style="list-style-type: none"> CRJ 2057 Victimology CRJ 1027 Crime Scene Investigation CRJ 1045 Correctional Process CRJ 1025 Policing Systems CRJ 1010 Introduction to Criminal Justice: GT-SS3 	3
Electives	<p>CRJ 2057 Victimology</p> <p>Select one:</p> <ul style="list-style-type: none"> CRJ 1027 Crime Scene Investigation CRJ 1045 Correctional Process CRJ 2030 Criminology CRJ 1025 Policing Systems CRJ 1010 Introduction to Criminal Justice: GT-SS3 	3
Total		15

Basic Law Enforcement Academy Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TAC	CER_4LJR	43.0107	35

Semester One		
Course Code	Course Name	Credit Hours
LEA 1001	Basic Police Academy I	6
LEA 1005	Basic Law	8
LEA 1006	Arrest Control Techniques	3
Total		17

Semester Two		
Course Code	Course Name	Credit Hours
LEA 1002	Basic Police Academy II	12
LEA 1007	Law Enforcement Driving	3
LEA 1008	Firearms	3
Total		18

TOTAL: 35 credits

Biology Transfer Associate of Science

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	AS_AS (DBIO)	26.0101	60

Semester One		
Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1340	College Algebra or Higher GT Pathways approved MA1 course	4
BIO 1111	General College Biology I with Lab: GT-SC1	5
CHE 1111	General College Chemistry I with Lab: GT-SC1	5
Total		17

Semester Two		
Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
BIO 1112	General College Biology II with Lab: GT-SC1	5
CHE 1112	General College Chemistry II with Lab: GT-SC1	5
Total		13

Semester Three		
Course Code	Course Name	Credit Hours
PHY 1111	Physics Algebra-Based I/ with Lab	5
GT-AH1/AH2/AH3/AH4	Select one (see GT Pathways for approved options):	3
	• ART 1111 Art History Ancient to Medieval GT-AH1	
	• MUS 1021 Music History Medieval-Classical: GT-AH1	
	• THE 1005 Theatre Appreciation: GT-AH1	
GT-SS1/SS2/SS3	Select one (see GT Pathways for approved options):	3
	• PSC 1011 American Govt: GT-SS1	
	• COM 1250 Interpersonal Communication: GT-SS3	
	• PSY 1001 General Psychology: GT-SS3	
	• ECO 2001 Principles of Macroeconomics: GT-SS1	
	• SOC 1001 Introduction to Sociology I : GT-SS3	
GT-HI1	Select one (see GT Pathways for approved options):	3
	• HIS 1310 Western Civilization:Antiquity-1650: GT-HI1	
	• HIS 1320 Western Civilization: 1650-Present: GT-HI1	
	• HIS 1110 The World: Antiquity-1500: GT-HI1	
	• HIS 1120 The World: 1500-Present: GT-HI1	
	• HIS 1210 US History to Reconstruction: GT- HI1	
Total		14

Semester Four		
Course Code	Course Name	Credit Hours
PHY 1112	Physics Algebra-Based II/ with Lab	5
GT-AH1/AH2/AH3/AH4	Select one (see GT Pathways for approved options):	3
	• ART 1110 Art Appreciation: GT-AH1	
	• LIT 1015 Introduction to Literature I: GT-AH2	
	• MUS 1022 Music Hist Romantic-Present: GT-AH1	
	• MUS 1025 History of Jazz: GT-AH1	
• PHI 1011 Intro to Philosophy: GT-AH3		
GT-SS1/SS2/SS3	Select one (see GT Pathways for approved options):	3
	• COM 1250 Interpersonal Communication: GT-SS3	
	• GEO 1005 World Regional Geography: GT-SS2	
	• PSY 2440 Human Growth & Dev: GT-SS#	
	• ECO 2002 Principles of Microeconomics: GT-SS1	
	• PSY 1002 General Psychology II : GT-SS3	
	• SOC 1002 Introductory to Sociology II: GT-SS3	
Elective	Select one (see GT Pathways for approved options):	5
	• BIO 1004 Biology: A Human Approach: SC1	
	• MAT 1440 Pre-Calculus: MA1	
	• MAT 2410 Calculus I: GT-MA1	
	• BIO 2104 Microbiology w/lab: SC1	
	• BIO 2102 Human Anatomy and Physiology II with Lab: GT-SC1	
	• BIO 2120 General Zoology w/lab: GT-SC1	
	• PHY 2111 Physics Calculus-Based I with Lab: GT-SC1	
	• ENV 1111 Environmental Science with Lab: GT-SC1	
• PHY 2112 Physics Calculus-Based II with Lab:GT- SC1		
Total		16

TOTAL: 60 credits

**It is the student's responsibility to work with a transfer advisor to determine courses required for their transfer path.*

Transfer Institutions

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado Boulder
- University of Colorado Colorado Springs
- University of Colorado Denver
- University of Northern Colorado
- Western State Colorado University

For the most current information on this transfer articulation agreement, please go to the following website:

<https://cdhe.colorado.gov/students/attending-college/credit-transfer/transfer-degrees>

MUS 1023	Survey of World Music: AH1	3
	Diversity, Equity, & Inclusion — Choose one:	
ETH 2000	Intro to Ethnic Studies: SS3	3
HIS 2105	Women in US History: HI1	3
HIS 2115	American Indian History: HI1	3
LIT 2005	Race, Ethnicity, Culture: AH2	3
SOC 2018	Sociology of Diversity: SS3	3
BUS 4010	Applied Business Research & Data Analytics	3
	Capstone or Internship — Choose one:	
BUS 4089	Capstone	3
BUS 4081	Internship	3
MAN 4040	Strategic Management	3
	120 Credits required, which includes the AA or AAS Business — Choose one:	
Total		15

Program Notes

- Students are required to meet with a Dean to set up subject-specific advising; develop a student plan; and review their general education requirement/transfer credits.
- All Program students must have completed a 60+ AA or AAS Business Degree, or a closely related field.
- A minimum of 30 graded credits must be completed at Trinidad State College

Total credits required for graduation: 120 (includes completion of an AA or AAS Business degree prior to admission).

Biology Transfer Associate of Science

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	AS_AS (DBIO)	26.0101	60

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1340	College Algebra or Higher GT Pathways approved MA1 course	4
BIO 1111	General College Biology I with Lab: GT-SC1	5
CHE 1111	General College Chemistry I with Lab: GT-SC1	5
Total		17

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
BIO 1112	General College Biology II with Lab: GT-SC1	5
CHE 1112	General College Chemistry II with Lab: GT-SC1	5
Total		13

Semester Three

Course Code	Course Name	Credit Hours
PHY 1111	Physics Algebra-Based I/ with Lab	5
GT-AH1/AH2/AH3/AH4	Select one (see GT Pathways for approved options):	3
	• ART 1111 Art History Ancient to Medieval GT-AH1	
	• MUS 1021 Music History Medieval-Classical: GT-AH1	
	• MUS 1025 History of Jazz: GT-AH1	
GT-SS1/SS2/SS3	Select one (see GT Pathways for approved options):	3
	• PSC 1011 American Govt: GT-SS1	
	• COM 1250 Interpersonal Communication: GT-SS3	
	• PSY 1001 General Psychology: GT-SS3	
	• ECO 2001 Principles of Macroeconomics: GT-SS1	
	• SOC 1001 Introduction to Sociology I : GT-SS3	
GT-HI1	Select one (see GT Pathways for approved options):	3
	• HIS 1310 Western Civilization:Antiquity-1650: GT-HI1	
	• HIS 1320 Western Civilization: 1650-Present: GT-HI1	
	• HIS 1110 The World: Antiquity-1500: GT-HI1	
	• HIS 1120 The World: 1500-Present: GT-HI1	
	• HIS 1210 US History to Reconstruction: GT- HI1	
Total		14

Semester Four		
Course Code	Course Name	Credit Hours
PHY 1112	Physics Algebra-Based II/ with Lab	5
GT-AH1/AH2/AH3/AH4	Select one (see GT Pathways for approved options):	3
	• ART 1110 Art Appreciation: GT-AH1	
	• LIT 1015 Introduction to Literature I: GT-AH2	
	• MUS 1022 Music Hist Romantic-Present: GT-AH1	
	• MUS 1025 History of Jazz: GT-AH1	
GT-SS1/SS2/SS3	Select one (see GT Pathways for approved options):	3
	• COM 1250 Interpersonal Communication: GT-SS3	
	• GEO 1005 World Regional Geography: GT-SS2	
	• PSY 2440 Human Growth & Dev: GT-SS#	
	• ECO 2002 Principles of Microeconomics: GT-SS1	
	• PSY 1002 General Psychology II : GT-SS3	
	• SOC 1002 Introductory to Sociology II: GT-SS3	
Elective	Select one (see GT Pathways for approved options):	5
	• BIO 1004 Biology: A Human Approach: SC1	
	• MAT 1440 Pre-Calculus: MA1	
	• MAT 2410 Calculus I: GT-MA1	
	• BIO 2104 Microbiology w/lab: SC1	
	• BIO 2102 Human Anatomy and Physiology II with Lab: GT-SC1	
	• BIO 2120 General Zoology w/lab: GT-SC1	
	• PHY 2111 Physics Calculus-Based I with Lab: GT-SC1	
	• ENV 1111 Environmental Science with Lab: GT-SC1	
• PHY 2112 Physics Calculus-Based II with Lab:GT- SC1		
Total		16

TOTAL: 60 credits

**It is the student's responsibility to work with a transfer advisor to determine courses required for their transfer path.*

Transfer Institutions

- Adams State University
- Colorado Mesa University
- Colorado State University-Fort Collins
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado Boulder
- University of Colorado Colorado Springs
- University of Colorado Denver
- University of Northern Colorado
- Western State Colorado University

For the most current information on this transfer articulation agreement, please go to the following website:

<https://cdhe.colorado.gov/students/attending-college/credit-transfer/transfer-degrees>

Behavioral Health Assistant II Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_BHA2	51.1599	16

Semester One

Course Code	Course Name	Credit Hours
PTE 1010	Int Behav Health Care & Well	3
SWK 1100	Social Welfare/ Comm Agencies	3
BEH 1001	MHCI: Prepared-ness & Empathy	3
BEH 1030	Beh Hlth Case Man & Clin Doc	1
BEH 2030	Applied Ther Com Skills	3
Social & Behavioral Science	PSY 1001, PSY 1002, SOC 1001 or SOC 2018	3
Total		16

TOTAL: 16 credits

Behavioral Health Plus Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	CER_BHPM	51.1599	6

Semester One		
Course Code	Course Name	Credit Hours
PTE 1010	Int Behav Health Care & Well	3
BEH 1001	MHCI: Prepared-ness & Empathy	3
Total		6

TOTAL: 6 credits

Bachelor of Applied Science Business Administration

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	BAS_BAS	52.0201	120

Semester One

Course Code	Course Name	Credit Hours
	Additional ENG Requirement — Choose one:	
ENG 1031	Technical Writing I: CO1	3
ENG 1022	CO2 (if not previously taken)	3
ENG 2001	CO3	3
	ACC 1011 or FIN 2010 — Choose one:	
ACC 1011	Intro to Financial Accounting	3
FIN 2010	Principles of Finance	3
MAN 3030	Contemporary Management	3
MAN 3050	Innovation & Change Management	3
BUS 3020	Business Law and Ethics	3
Total		15

Semester Two

Course Code	Course Name	Credit Hours
	Additional So/Beh Science Requirement — Choose one:	
ECO 1001	Econ of Social Issues: SS2	3
ECO 2001	Macroeconomics: SS1	
ECO 2002	Microeconomics: SS1	
ECO 2045	Environmental Economics: SS1	
FIN 3020	Applied Finance	3
MAR 3040	Practical Marketing	3
MAN 3060	Operations Management	3
BUS 3040	Business Ethics & Sustainability	3
Total		15

Semester Three

Course Code	Course Name	Credit Hours
	Communication Requirement — Choose one:	
COM 1250	Interpersonal Communication: SS3	3
COM 2200	Group Communication: SS3	3
COM 2250	Organizational Communication	3
COM 2300	Intercultural Communication: SS3	3
MAN 4030	Organizational Leadership	3
MAN 4060	Human Resources & Supervisory Management	3
BUS 3060	Management Technology & Information Systems Processes	3
MAR 4010	Digital Marketing & Analytics	3
Total		15

Semester Four		
Course Code	Course Name	Credit Hours
Additional Arts & Humanities Requirement — Choose one:		3
COM 1300	Comm and Popular Culture: AH1	
PHI 1013	Logic: AH3	
HUM 1015	World Mythology: AH2	
MUS 1023	Survey of World Music: AH1	
Diversity, Equity, & Inclusion — Choose one:		3
ETH 2000	Intro to Ethnic Studies: SS3	
HIS 2105	Women in US History: HI1	
HIS 2115	American Indian History: HI1	
LIT 2005	Race, Ethnicity, Culture: AH2	
SOC 2018	Sociology of Diversity: SS3	3
BUS 4010	Applied Business Research & Data Analytics	
Capstone or Internship — Choose one:		3
BUS 4089	Capstone	
BUS 4081	Internship	3
MAN 4040	Strategic Management	
	120 Credits required, which includes the AA or AAS Business — Choose one:	
Total		15

Program Notes

- Students are required to meet with a Dean to set up subject-specific advising; develop a student plan; and review their general education requirement/transfer credits.
- All Program students must have completed a 60+ AA or AAS Business Degree, or a closely related field.
- A minimum of 30 graded credits must be completed at Trinidad State College

Total credits required for graduation: 120 (includes completion of an AA or AAS Business degree prior to admission).

Business Transfer Major Associate of Arts

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TMC, TAC	AA_AA (DBUS)	52.0101	60

Semester One		
Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1340, 1320, or 1400 **	College Algebra: GT-MA1	
	Finite Math: GT-MA1	4
	Survey of Calculus: GT-MA1	
ECO 2001	Principles of Macroeconomics: GT-SS1	3
BUS 1015	Introduction to Business	3
BUS 2017	Business Communication & Report Writing	3
Total		16

Semester Two		
Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
AH1, AH2, AH3, AH4	ART 1110 Art Appreciation: GT-AH1	3
	HUM 1021 Humanities: Early Civilization: GT-AH2	
	LIT 1015 Introduction to Literature I: GT-AH2	
	MUS 1020 Music Appreciation: GT-AH1	
	SPA 2011 Spanish Language III: GT-AH4	
ECO 2002	Principles of Microeconomics: GT-SS1	3
BUS 2016	Legal Environment of Business	3
COM 1150	Public Speaking	3
Total		15

Semester Three		
Course Code	Course Name	Credit Hours
SC1	AGY 2140 Introductory Soil Science: GT-SC1	4
	AST 1110 Planetary Astronomy wit Lab: GT- SC1	
	BIO 1005 Science of Biology with Lab: GT-SC1	
	BIO 1111 General College Biology I with Lab: GT-SC1	
	CHE 1111 General College Chemistry I with Lab: GT-SC1	
	BIO 1004 Biology: A Human Approach: GT-SC1	
PHI 2005	Business Ethics: GT-AH3	3
ACC 1021	Principles of Accounting I	4
BUS 2026	Business Statistics	3
Total		14

Semester Four		
Course Code	Course Name	Credit Hours
SC1, SC2	SCI 1105 Science in Society: GT-SC2	3
	ENV 1010 Natural Disasters: GT-SC2	
	BIO 1112 General College Biology II with Lab: GT-SC1	
	BIO 2104 Microbiology w/lab: SC1	
	ENV 1111 Environmental Science: GT-SC1	
HI1	HIS 1310 Western Civilization:Antiquity-1650: GT-HI1	3
	HIS 1320 Western Civilization: 1650-Present: GT-HI1	
	HIS 1110 The World: Antiquity-1500: GT-HI1	
	HIS 1120 The World: 1500-Present: GT-HI1	
	HIS 1210 US History to Reconstruction: GT- HI1	
	HIS 1220 US History since the Civil War:GT-HI1	
Elective	ART 1111 Art History Ancient to Medieval GT-AH1	3
	HUM 1021 Humanities: Early Civilization: GT-AH2	
	LIT 1015 Introduction to Literature I: GT-AH2	
	MUS 1020 Music Appreciation: GT-AH1	
	PHI 1012 Ethics: GT-AH3	
	SPA 2011 Spanish Language III: GT-AH4	
ACC 1022	Principles of Accounting II	4
PSY 1001 or	PSY 1001 General Psychology: GT-SS3	3
PSY 1002	PSY 1002 General Psychology: GT-SS3	
Total		16

TOTAL: 60 credits

** Check to see which Math Class is needed for your intended institution

Statewide Transfer Articulation Agreement for a Bachelor's Degree from these Colorado Public Four-Year Institutions:

- Adams State University
- Colorado Mesa University
- Colorado Mountain College (as four-year institution)
- Colorado State University-Fort Collins
- Colorado State University-Global Campus
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado Boulder
- University of Colorado Colorado Springs
- University of Colorado Denver
- University of Northern Colorado
- Western Colorado University

For the most current information on this transfer articulation agreement, please go to the following website:

<https://cdhe.colorado.gov/sites/highered/files/documents/Revised%20BUSINESS%20STAA%20SPRING%202023.pdf>

Business Management Associate of Applied Science

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TAC	AAS_BUSS	52.0201	60

Semester One

Course Code	Course Name	Credit Hours
ENG 1015 / ENG 1021 / ENG 1020	Technical English and Communication	3
	<ul style="list-style-type: none"> • English Composition I: GT-CO1 • Technical Writing I: GT-CO1 	
MAT 1140 / MAT 1240 / MAT 1260 / MAT 1340	Career Math	3
	<ul style="list-style-type: none"> • Mathematics for Liberal Arts: GT-MA1 • Introduction to Statistics: GT-MA1 • College Algebra: GT-MA1 	
BUS 1015	Introduction to Business	3
CIS 1018	Intro to PC Applications	3
MAN 1002	Ethics and Values	1
MAN 1017	Time Management	1
	Total	14

Semester Two

Course Code	Course Name	Credit Hours
BUS 1002	Entrepreneurial Operations	3
BUS 2017	Business Communications & Report Writing	3
CIS 1055	Complete Spreadsheets: (Software package)	3
MAR 1060	Customer Services	3
MAT 1160	Financial Mathematics	3
	Total	15

Semester Three

Course Code	Course Name	Credit Hours
ACC 1021	Accounting Principles I	4
BUS 2016	Legal Environment of Business	3
MAN 2026	Principles of Management	3
MAR 2016	Principles of Marketing	3
SS1, SS2, SS3	ECO 2001 Principles of Macroeconomics: GT-SS1	3
	<ul style="list-style-type: none"> • ECO 2002 Principles of Microeconomics: GT-SS1 • PSY 1001 General Psychology I: GT-SS3 • PSY 1002 General Psychology II : GT-SS3 • SOC 1001 Introduction to Sociology I : GT-SS3 • SOC 1002 Introductory to Sociology II: GT-SS3 	
	Total	16

Semester Four		
Course Code	Course Name	Credit Hours
ACC 2045	Computerized Accounting w/Pro Package	3
MAN 2000	Human Resource Management I	3
SS1, SS2, SS3	ECO 2001 Principles of Macroeconomics: GT-SS1	3
	• ECO 2002 Principles of Microeconomics: GT-SS1	
	• PSY 1001 General Psychology I: GT-SS3	
	• PSY 1002 General Psychology II : GT-SS3	
	• SOC 1001 Introduction to Sociology I : GT-SS3	
	• SOC 1002 Introductory to Sociology II: GT-SS3	
COM 1150 / COM 1250	Public Speaking	3
	• Interpersonal Communication: GT-SS3	
Elective	ACC 1022 Accounting Principles II	3
	• ACC 1032 Tax Help Colorado	
	• ACC 1033 Tax Help Colorado Practicum	
	• ACC 2026 Cost Accounting	
	• BUS 2026 Business Statistics	
	• CIS 1055 Complete Spreadsheets	
	Total	15

TOTAL: 60 credits

Accounting Certificate

CAMPUS	PROGRAM CODE	CIP CODE	TOTAL CREDITS
TBD	TBD	TBD	24

Semester One

Course Code	Course Name	Credit Hours
ACC 1015	Payroll Accounting	3
ACC 1021	Accounting Principles I	4
BUS 1015	Intro to Business	3
CIS 1055	Complete Spreadsheets (software package)	3
Semester Total		13

Semester Two

Course Code	Course Name	Credit Hours
ACC 1022	Accounting Principles II	4
MAN 1002	Ethics & Values	1
ACC 1035	Spreadsheet Applications for Accounting	3
ACC 2045	Computerized Accounting with a Professional Package	3
Semester Total		11

TOTAL: 24 credits

Business Management Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	52.0201
Program Banner Code:	CER_4C2B	Total Credits Required:	35
Program Notes:	Career-focused certificate. Course offerings may vary by campus/term; work with an advisor to confirm sequencing.		

Semester One

Course Code	Course Name	Credit Hours
BUS 1002	Entrepreneurial Operations	3
BUS 1015	Introduction to Business	3
BUS 2017	Business Communications & Report Writing	3
CIS 1018	Intro to PC Applications	3
CIS 1055	Complete Spreadsheets (Software package)	3
MAR 2016	Principles of Marketing	3
Semester Total:		18

Semester Two

Course Code	Course Name	Credit Hours
BUS 2016	Legal Environment of Business	3
MAN 1002	Ethics and Values	1
MAN 1017	Time Management	1
MAN 2000	Human Resource Management I	3
MAN 2026	Principles of Management	3
MAR 1060	Customer Services	3
MAT 1160	Financial Mathematics	3
Semester Total:		17

Total Credits: 35

Entrepreneurial Operations Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	52.0703
Program Banner Code:	CER_CSBM	Total Credits Required:	17
Program Notes:	Career-focused certificate. Course offerings may vary by campus/term; work with an advisor to confirm sequencing.		

Semester One

Course Code	Course Name	Credit Hours
BUS 1015	Introduction to Business	3
BUS 2016	Legal Environment of Business	3
Semester Total:		6

Semester Two

Course Code	Course Name	Credit Hours
BUS 1002	Entrepreneurial Operations	3
BUS 2017	Business Communications & Report Writing	3
BUS 2089	Business Capstone	2
MAT 1160	Financial Mathematics	3
Semester Total:		11

Total Credits: 17

Office Professional Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	
Program Banner Code:		Total Credits Required:	27
Program Notes:	Career-focused certificate; confirm sequencing with an advisor.		

Semester One

Course Code	Course Name	Credit Hours
ACC 1001	Fundamentals of Accounting	3
BTE 1002	Keyboarding Apps I	2
BUS 1015	Introduction to Business	3
Semester Total:		8

Semester Two

Course Code	Course Name	Credit Hours
TBD	Courses per program outline (TBD)	7
Semester Total:		7

Semester Three

Course Code	Course Name	Credit Hours
BTE 2025	Office Management	3
BUS 2017	Business Communications & Report Writing	3
CIS 1035	Complete Word Processing (software package)	3
CIS 1055	Complete Spreadsheets: (Software package)	3
Semester Total:		12

Total Credits: 27

Construction Jobsite Skills Certificate

Campus:	Trinidad Main Campus (TMC)	CIP Code:	46.000
Program Banner Code:	CER_CJS	Total Credits Required:	8
Program Notes:	Career-focused certificate. Course offerings may vary by campus/term; work with an advisor to confirm sequencing.		

Semester One

Course Code	Course Name	Credit Hours
CON 1057	NCCER Core	5
CAR 1070	Clinical: Const. Lab I	3
Semester Total:	Semester Total:	8
Total Credits: 8		

Cosmetology Certificate

Campus:	Trinidad Campus (TRINIDAD)	CIP Code:	12.0401
Program Banner Code:	CER_COS2	Total Credits Required:	54
Program Notes:	Cohort-based certificate with sequenced coursework. Confirm prerequisites and term-specific scheduling with a Trinidad State College advisor.		

Semester One (Fall)

Course Code	Course Name	Credit Hours
COS 1003	Introduction to Hair and Scalp	1
COS 1010	Introduction to Hair Coloring	2
COS 1011	Intermediate I: Hair Coloring	2
COS 1020	Introduction to Hair Cutting	2
COS 1030	Introduction to Hair Styling	2
COS 1040	Introduction to Chemical Texture	1
COS 1050	Laws, Rules, and Regulations	1
EST 1010	Introduction to Skin Care	3
NAT 1010	Introduction to Nail Care	3
NAT 1011	Intermediate I: Nail Care	2
NAT 2010	Advanced Nail Care	2
Semester Total:		21

Semester Two (Spring)

Course Code	Course Name	Credit Hours
COS 1021	Intermediate I: Hair Cutting	2
COS 1031	Intermediate I: Hair Styling	2
COS 1041	Intermediate I: Chemical Texture	1
COS 2003	Intermediate I: Hair and Scalp	1
COS 2010	Intermediate II: Hair Coloring	2
COS 2020	Intermediate II: Hair Cutting	2
COS 2030	Intermediate II: Hair Styling	2
COS 2031	Advanced Hair Styling	1
COS 2040	Intermediate II: Chemical Texture	1
EST 1011	Intermediate Skin Care	2
EST 2012	Hair Removal	3
NAT 2011	Application of Nail Enhancements	5
Semester Total:		24

Semester Three (Summer)

Course Code	Course Name	Credit Hours
COS 2011	Advanced Hair Coloring	2
COS 2021	Advanced Hair Cutting	2
COS 2041	Advanced Chemical Texture	1
COS 2050	Business Management / Personal Skills / Ethics	1

EST 2010	Advanced Skin Care	2
EST 2011	Make-up for Skin Care Professionals	1
	Semester Total:	9

TOTAL CREDITS: 54

Cosmetology Certificate

Campus:	Valley Campus (VAC)	CIP Code:	12.0401
Program Banner Code:	CER_COS2	Total Credits Required:	54
Program Notes:	Career-focused certificate. Course sequencing may vary by cohort/term; work with an advisor to confirm scheduling.		

Semester One

Course Code	Course Name	Credit Hours
COS 1050	Laws, Rules, and Regulations	1
COS 2050	Business Management / Personal Skills/Ethics	1
NAT 1010	Introduction to Nail Care	3
NAT 1011	Intermediate I Nail Care	2
NAT 2010	Advanced Nail Care	2
NAT 2011	Application of Nail Enhancements	5
Semester Total:		14

Semester Two

Course Code	Course Name	Credit Hours
COS 1003	Introduction to Hair and Scalp	1
COS 1010	Introduction to Hair Coloring	2
COS 1011	Intermediate I: Haircoloring	2
COS 1020	Introduction to Hair Cutting	2
COS 1021	Intermediate I: Hair Cutting	2
COS 1030	Introduction to Hair Styling	2
COS 1031	Intermediate I: Hair Styling	2
COS 1040	Introduction to Chemical Texture	1
COS 1041	Intermediate I: Chemical Texture	1
COS 2003	Intermediate I: Hair and Scalp	1
COS 2010	Intermediate II: Haircoloring	2
COS 2020	Intermediate II: Hair Cutting	2
Semester Total:		20

Semester Three

Course Code	Course Name	Credit Hours
COS 2011	Advanced Hair Coloring	2
COS 2021	Advanced Hair Cutting	2
COS 2030	Intermediate II: Hair Styling	2
COS 2031	Advanced Hair Styling	1
COS 2040	Intermediate II: Chemical Texture	1
COS 2041	Advanced Chemical Texture	1
EST 1010	Introduction to Skin Care	3
EST 1011	Intermediate Skin Care	2
EST 2010	Advanced Skin Care	2

EST 2011	Make-up for Skin Care Professionals	1
EST 2012	Hair Removal	3
	Semester Total:	20
TOTAL CREDITS:		54

Esthetician Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	12.0401
Program Banner Code:	CER_CEST	Total Credits Required:	20

Semester One

Course Code	Course Name	Credit Hours
COS 1050	Laws, Rules, and Regulations	1
COS 1060	Introduction to Disinfection, Sanitation, & Safety	2
COS 2050	Business Management / Personal Skills / Ethics	1
EST 1010	Introduction to Skin Care	3
Semester Total:		7

Semester Two

Course Code	Course Name	Credit Hours
EST 1011	Intermediate Skin Care	2
Semester Total:		2

Semester Three

Course Code	Course Name	Credit Hours
COS 2060	Intermediate II: Infection Control and Prevention	2
COS 2062	Advanced II: Disinfection, Sanitation & Safety	3
EST 2010	Advanced Skin Care	2
EST 2011	Make-up for Skin Care Professionals	1
EST 2012	Hair Removal	3
Semester Total:		11

Total Credits: 20

Criminal Justice Transfer Major - Associate of Arts

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	43.0100
Program Banner Code:	AA_AA	Total Credits Required:	60
Concentration:	DCJU	Transfer Pathway:	Statewide Transfer Articulation Agreement

Note: Confirm course selection and transfer requirements with a TSC advisor. Math and electives vary by pathway (STAA). One science course must include a lab.

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I (GT-CO1)	3
MATH (Select One)	Math per STAA for pathway	3
SOC 1001	Introduction to Sociology I (GT-SS1)	3
CRJ 1010	Introduction to Criminal Justice (GT-SS3)	3
CRJ 1025	Policing Systems	3
Semester Total:		15

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II (GT-CO2)	3
COM 1150/1250	Public Speaking or Interpersonal Communication (GT-SS3)	3
SC1 (Select One)	GT-SC1 Lab Science (4*)	4*
HI1 (Select One)	GT-HI1 History (3)	3
CRJ 1045	Correctional Process	3
Semester Total:		15

Semester Three

Course Code	Course Name	Credit Hours
SC1/SC2 (Select One)	Science elective (3-4*)	3-4*
AH1/AH2 (Select One)	Arts & Humanities elective (3)	3
CRJ 1027	Crime Scene Investigation	3
CRJ Elective (Select One)	CRJ 1035, CRJ 2030, or CRJ 2057	3
Specific Elective (Select One)	Approved elective (3)	3
Semester Total:		15*

Semester Four

Course Code	Course Name	Credit Hours
Electives (15 credits)	Complete remaining GT Pathways and CRJ/electives per STAA	15

Total Credits: 60

Computer Information Systems – Cybersecurity (AAS)

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	11.1003
Program Banner Code:	TBD	Total Credits Required:	60
Program Notes:	Optional: Students may take a pathway elective early (CNG 1024, CIS 2040, or CNG 1042) if desired; consult advisor. Semester Four pathway emphasis is required (16 credits).		

Note: Confirm prerequisites, pathway emphasis, and course availability with a Trinidad State College advisor each term.

Semester	Course Code	Course Name	Credits
Semester One			
	ENG 1021 or ENG 1031	English Composition I (GT-CO1) or Technical Writing	3
	MAT 1150 / 1260 / 1340	Technical Math or Intro to Statistics or College Algebra	3
	CIS 1015	Introduction to CIS	3
	CNG 1020	A+ Certification Prep	4
Semester Total:			13
Semester Two			
	CIS 1018	Introduction to PC Applications	3
	CSC 1020	Problem Solving with Python	3
	CNG 1024	Networking I: Network+ (Certification Prep)	3
	CNG 1033	Firewalls/Network Security	3
	CNG 1036	Guide to IT Disaster Recovery	3
Semester Total:			15
Semester Three			
	CIS 2023	Linux	3
	DAT 1001	Introduction to Data Science	3
	CNG 2012	Configuring MS Windows Server	4
	CNG 2024	MS Windows Wireless Network	3
	CNG 1032	Network Security Fundamentals: Security+ (Certification Prep)	3
Semester Total:			16

Semester Four: Choose ONE Pathway Emphasis (16 credits)		
Pathway	Courses (code/name/credits)	Credits
Cybersecurity	CNG 2056 Vulnerability Assessment I (3)	16
	CNG 2057 Cyber Analyst (3)	
	CNG 2058 Digital Forensics (4)	
	CNG 2059 Enterprise Security (4)	
	CNG 1080/CNG 2089 Internship/Capstone (2)	
Database Admin	CIS 2040 Database Design & Development (3)	16
	CIS 2046 Oracle Database Admin 1 (3)	
	DAT 2002 Visualizing Data (3)	
	CNG 1031 Info Assurance (3)	
	DAT 2025 Intro to Machine Learning (3)	
Cloud Admin	CNG 1080/CNG 2089 Internship/Capstone (1)	16
	CNG 1042 Intro to Cloud Computing (3)	
	CNG 2040 Virtual Environment Admin (3)	
	CNG 2042 Cloud Computing (3)	
	CNG 2043 Cloud Security & Cyber Law (3)	
	CNG 1080/CNG 2089 Internship/Capstone (4)	
Semester Total:		16
TOTAL CREDITS:		60

Computer Information Systems Cybersecurity Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	11.1003
Program Banner Code:	CER_1CYS	Total Credits Required:	28
Program Notes:	Career-focused certificate. Some courses may be offered in shorter (7.5-week) formats; prerequisites apply. Confirm sequencing with an advisor.		

Semester One

Course Code	Course Name	Credit Hours
CSC 1020	Problem Solving with Java	3
CNG 1020	A+ Certification Prep	4
CNG 1024	Networking I: Network + (Test Prep)	3
CNG 1032	Network Security Fundamentals: Sec. + (Test Prep)	3
Semester Total:		13

Semester Two

Course Code	Course Name	Credit Hours
CNG 1033	Firewalls/Network Security	3
CNG 1036	Guide to IT Disaster Recovery	3
CIS 2023	Linux	3
CNG 2024	MS Windows Wireless Network	3
CNG 2056	Vulnerability Assessment I	3
Semester Total:		15

TOTAL CREDITS: 28

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Cloud Administration Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	11.0901
Program Banner Code:	CER_4CA	Total Credits Required:	19
Program Notes:	Career-focused certificate. Course offerings may vary by campus/term; work with an advisor to confirm sequencing.		

Semester One

Course Code	Course Name	Credit Hours
CNG 1024	Networking I: Network+ (Test Prep)	3
CNG 1042	Intro to Cloud Computing (PCC - Google Cloud Boost Lab)	3
CNG 1032	Network Security Fundamentals: Security+ (Test Prep)	3
CNG 2012	Configuring MS Windows Server	4
CNG 2040	Virtual Environment Administrator	3
CNG 2042	Cloud Computing	3
Semester Total:		19

TOTAL CREDITS: 19

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Database Administration Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	11.0802
Program Banner Code:	CER_4CDS	Total Credits Required:	19
Program Notes:	Career-focused certificate. Course sequence may vary by campus/term; work with an advisor to confirm prerequisites and scheduling.		

Semester One

Course Code	Course Name	Credit Hours
CIS 2040	Database Design and Development	3
MAT 1260	Introduction to Statistics: GT-MA1	3
CIS 2046	Oracle Database Admin I	4
DAT 2002	Visualizing Data	3
CNG 1031	Principles of Information Assurance	3
DAT 2025	Intro to Machine Learning	3
Semester Total:		19
TOTAL CREDITS: 19		

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

CompTIA Certification Preparation

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	
Program Banner Code:		Total Credits Required:	16
Program Notes:	Career-focused certificate emphasizing CompTIA exam readiness (A+, Network+, Security+). Work with an advisor to confirm prerequisites and scheduling.		

Semester One

Course Code	Course Name	Credit Hours
CIS 1015	Introduction to CIS	3
CNG 1020	A+ Certification Prep	4
CNG 1024	Networking I: Network+ (Certification Prep)	3
CNG 1032	Network Security Fundamentals: Security+ (Certification Prep)	3
CIS 1018	Introduction to PC Applications	3
Semester Total:	Semester Total:	16

TOTAL CREDITS: 16

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Dental Assisting Certificate

Campus:	Trinidad Alamosa Campus (TAC)	CIP Code:	51.0601
Program Banner Code:	CER_DEA1	Total Credits Required:	18
Program Notes:	Career-focused certificate. Course offerings and clinical requirements may vary by term; work with a program advisor to confirm sequencing.		

Semester One

Course Code	Course Name	Credit Hours
DEA 1001	Dental Terminology	1
DEA 1011	Introduction to Dental Practices	1
DEA 1023	Dental Materials I	3
DEA 1015	Infection Control	3
Semester Total:		8

Semester Two

Course Code	Course Name	Credit Hours
DEA 1021	Principles of Clinical Practices	3
DEA 1024	Dental Radiography	3
DEA 1016	Medical Emergencies in the Dental Office	2
DEA 1081	Clinical Internship	2
Semester Total:		10

TOTAL CREDITS: 18

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, clinical requirements, and scheduling with a Trinidad State College advisor each term.

Early Childhood Teacher Education Transfer Major - Associate of Arts

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	13.1210
Program Banner Code:	AA_AA	Concentration:	DECT
Total Credits Required:	60	Transfer Pathway:	Statewide Transfer Agreement (AA); work with a transfer advisor.

Program Notes: Electives vary by receiving institution. Consult a transfer advisor to ensure your selections meet the statewide agreement and university requirements.

Note: This degree plan is a planning tool. Always confirm course selection, sequencing, and transfer requirements with a Trinidad State College advisor and your intended transfer institution each term.

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1240	Mathematics for the Liberal Arts: GT-MA1	4
PSY 1001	General Psychology: GT-SS3	3
ECE 1011	Introduction to Early Childhood Education	3
ECE 1031	Guidance Strategies for Young Children	3
Semester Total:		16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
GEO 1005	World Regional Geography: GT-SS2	3
HI (Select One)	History GT Pathways Course (GT-HI1): HIS 1210 OR HIS 1220	3
ECE 1045	Introduction to Early Childhood Education Techniques	3
AH1 (Select One)	Arts & Humanities GT Pathways Course (GT-AH1): ART 1110 OR MUS 1020 OR THE 1005	3
Semester Total:		15

Semester Three

Course Code	Course Name	Credit Hours
SCI 1055	Integrated Science I - Physics and Chemistry with Lab: GT-SC1	4
LIT 1015 or LIT 2055	Introduction to Literature I: GT-AH2 OR Children's Literature	3
ECE 2381	ECE Child Growth and Development	3
Elective*	ECE elective* (3 credits) - select one from the ECE Elective Options list below.	3
Semester Total:		13

Semester Four		
Course Code	Course Name	Credit Hours
SCI 1056	Integrated Science II - Earth and Space with Lab: GT-SC1	4
ECE 2621	ECE Curriculum Development: Methods and Techniques	3
ECE 2101	Working with Parents, Families and Communities	3
Elective	Select one approved elective (3 credits) - see Approved Elective Options list below.	3
Elective*	ECE elective* (3 credits) - select one from the ECE Elective Options list below.	3
TOTAL:		Semester Total: 16
60 credits		

ECE Elective Options (choose one for each Elective*):

- ECE 1111 Infant and Toddler Theory and Practice
- ECE 1125 Introduction to Infant/Toddler Lab Techniques
- ECE 2051 Nutrition, Health and Safety
- ECE 2401 Administration of Early Childhood Care and Education Programs
- ECE 2411 Administration: Human Relations for Early Childhood Education
- ECE 2601 The Exceptional Child

Approved Elective Options (Semester Four Elective):

- ECE 2641 Creativity and the Young Child
- MAT 1260 Introduction to Statistics: GT-MA1
- PSY 1002 General Psychology II: GT-SS3
- BIO 1004 Biology: A Human Approach: GT-SC1
- PSY 2440 Human Growth and Development: GT-SS3

* This degree has specific requirements for grades on certain courses. See the Colorado Department of Higher Education transfer degrees page for the most current information:

<https://cdhe.colorado.gov/students/attending-college/credit-transfer/transfer-degrees>

** Check with the receiving 4-year institution for specific elective courses needed. It is the student's responsibility to work with a transfer advisor to determine which electives are required for their transfer path.

Statewide Transfer Articulation Agreement for a Bachelor's Degree from these Colorado Public Four-Year Institutions: Adams State University; Colorado Mesa University; Colorado State University-Fort Collins; Colorado State University-Pueblo; Fort Lewis College; Metropolitan State University of Denver; University of Colorado Colorado Springs; University of Colorado Denver; University of Northern Colorado.

Early Childhood Education Associate of Applied Science

Campus:	TMC, TAC	CIP Code:	13.1210
Program Banner Code:		Total Credits Required:	60

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1140/1240/1260/1340	Math (Select One): Career Math OR Liberal Arts Math OR Statistics OR College Algebra	3
ECE 1011	Introduction to Early Childhood Education	3
ECE 1045	Introduction to Early Childhood Education Techniques	3
ECE 1111	Infant and Toddler Theory and Practice	3
Total		15

Semester Two

Course Code	Course Name	Credit Hours
ECE 1031	Guidance Strategies for Young Children	3
ECE 1125	Intro to Infant/Toddler Lab Techniques	3
ECE 2051	ECE Nutrition, Health and Safety	3
ECE 2621	ECE Curriculum Development: Methods & Techniques	3
ECE 2631	Language & Cognition for the Young	3
Total		15

Semester Three

Course Code	Course Name	Credit Hours
GT Pathways (Select One)	Choose one approved GT course (AH/SS/SC)	3
PSY 1001 or PSY 1002	General Psychology I or II: GT-SS3	3
ECE 2641	Creativity and the Young Child	3
PSY 2441	Child Development: GT-SS3	3
ECE 2401	Admin of Early Childhood Care & Education Programs	3
Total		15

Semester Four

Course Code	Course Name	Credit Hours
CIS 1018	Intro to PC Applications	3
ECE 2411	Administration: Human Relations for Early Childhood Education	3
ECE 2601	Exceptional Child	3
ECE 2088	Practicum: Early Childhood Education	3
COM 1150/1250	Communication (Select One): Public Speaking OR Interpersonal Communication	3
Total (Program Total: 60 credits)		15

Early Childhood Director Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	13.1210
Program Banner Code:	TBD	Total Credits Required:	30
Program Notes:	Career-focused certificate. Course offerings vary by campus/term; work with an advisor to confirm sequencing.		

Semester One

Course Code	Course Name	Credit Hours
ECE 1011	Introduction to Early Childhood Professions	3
ECE 1045	Introduction to Early Childhood Education Lab Techniques	3
ECE 1111	Infant and Toddler Theory and Practice	3
ECE 2401	Administration of Early Childhood Care and Education Programs	3
PSY 2441	Child Development (GT-SS3)	3
Semester Total		15

Semester Two

Course Code	Course Name	Credit Hours
ECE 1031	Guidance Strategies for Children	3
ECE 2051	ECE Nutrition, Health, and Safety	3
ECE 2621	ECE Curriculum Development: Methods and Techniques	3
ECE 2411	Administration: Human Relations for Early Childhood Education	3
ECE 2601	Exceptional Child	3
Semester Total		15

TOTAL CREDITS: 30

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Early Childhood Teacher Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	13.1210
Program Banner Code:	CER_EDZT	Total Credits Required:	15
Program Notes:	Career-focused certificate. Course offerings may vary by campus/term; work with an advisor to confirm sequencing.		

Semester One

Course Code	Course Name	Credit Hours
ECE 1011	Introduction to Early Childhood Education	3
ECE 1031	Guidance Strategies for Young Children	3
Semester Total		6

Semester Two

Course Code	Course Name	Credit Hours
ECE 1045	Introduction to Early Childhood Education Techniques	3
ECE 2621	ECE Curriculum Development: Methods and Techniques	3
PSY 2441	Child Development: GT: SS3	3
Semester Total		9

TOTAL CREDITS: 15

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Infant/Toddler Supervisor Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	13.1210
Program Banner Code:	CER_ED4	Total Credits Required:	21
Program Notes:	Career-focused certificate. Course offerings may vary by campus/term; work with an advisor to confirm sequencing.		

Semester One

Course Code	Course Name	Credit Hours
ECE 1011	Introduction to Early Childhood Education	3
ECE 1045	Introduction to Early Childhood Education Techniques	3
ECE 1111	Infant and Toddler Theory and Practice	3
PSY 2441	Child Development (GT-SS3)	3
Semester Total:		12

Semester Two

Course Code	Course Name	Credit Hours
ECE 1031	Guidance Strategies for Young Children	3
ECE 1125	Intro to Infant/Toddler Lab Techniques	3
ECE 2621	ECE Curriculum Development: Methods and Techniques	3
Semester Total:		9

TOTAL CREDITS: 21

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

The Partnership for Rural Educator Preparation (T-PREP)

University of Colorado Denver and Trinidad State College

Appendix A: TSC AAS in ECE to CU Denver EDHD BA Course Plan

Trinidad State College		TSJC/University of Colorado Denver	
Year 1 (30 credits)	Year 2 (30 credits)	Year 3 (40 credits)	Year 4 (31 credits)
<p>Semester 1 (15 credits) ENG 1021 English Comp I (3) Math Core 120 or 135 (3) (substitute MAT 1340 for students already in pipeline) Clinical Block ECE 1011 (3) Introduction to Early Childhood Professions ECE 1031 (3) Guidance Strategies for Young Children ECE 1111 (3) Infant and Toddler Theory and Practice</p> <p>Semester 2 (15 credits) Clinical Block ECE 1045 (3) Introduction to Early Childhood Education Lab Techniques ECE 1125 (3) Intro to Infant/Toddler Lab Techniques ECE 2051 (3) ECE Nutrition, Health and Safety ECE 2621 (3) ECE Curriculum Development: Methods and Techniques ECE 2631 (3) Lang & Cognition for the Young</p>	<p>Semester 1 (15 credits) EDU 2281 (3) PSY 1001 or PSY 1002 (3) ECE 2641 (3) Creativity and the Young Child PSY 2380 Child Development GT-SS3 (3) ECE 2401 (3) Adm of Early Childhood Care & Educ Programs</p> <p>Semester 2 (15 credits) Clinical Block ECE 2411 (3) Administration: Human Relations for Early Childhood Education ECE 2601 (3) Exceptional Child ECE 2088 (3) Practicum: Early Childhood Education ECE 2089 (3) Capstone ECE</p> <p>Arts/Humanities Core – Choose any GT-AH course for transfer.</p>	<p>Summer #1 – Semester 1 ENG 1022 Core Composition II (3) HIS 1110 or 112, HUM 1021, PHI 1140, or PSC 1050 (Core Int Persp) (3)</p> <p>Fall – Semester 2 Literacy Learning Clinical Block EDHD 2930 Learning & Dev. Field Exp. (3) LCRT 3720 Writ Development and Teaching (3) CLDE 2000 CLOE Foundations (3) ECED 4060 Working with Families, Prof. & Comm (3) Core Math or Science (no lab)</p> <p>Spring – Semester 3 EDFN 4010 Soc Fdns & Cult Div in Urb Edu (3) GT-SC1 Core Science with Lab (4) EDU 2340 MC Ed (Core Social Science) (3) Core Humanities (GT-AH or GT-HI) (3)</p> <p>Summer #2 – Semester 4 MTED 3040 Math for Elem Teachers (3) Core Cult Div – HDFR 3020 BI & Intro Child (3)</p>	<p>Fall – Semester 1 UEDU 4931 Internship & Learning Community I (2) UEDU 4932 Internship & Learning Community II (2) UEDU 4040 Planning for Learning (3) LCRT 4000 Elem. Lit. Instr & Assessment I (3) MTED 4002 Elementary Math Teaching I (3) SCED 4004 Elem Science Teaching (3)</p> <p>Spring – Semester 2 UEDU 4933 Internship & Learning Community III (6) UEDU 4050 Capstone (3) ECED 4200 Assessment for ECE Classrooms (3) ECED 4850 Dual Language Learners (3)</p>

Economics Transfer Major • Associate of Arts

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	45.0601
Program Banner Code:	AA_AA (Concentration: DECO)	Total Credits Required:	60
Program Notes:	Transfer-focused AA degree plan aligned to GT Pathways.		

Semester One Semester

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
HI1 (additional GT courses available)	HIS 1310 Western Civilization:Antiquity-1650: GT-HI1 HIS 1320 Western Civilization: 1650-Present: GT-HI1 HIS 1110 The World: Antiquity-1500: GT-HI1 HIS 1120 The World: 1500-Present: GT-HI1 HIS 1210 US History to Reconstruction: GT- HI1 HIS 1220 US History since the Civil War:GT-HI1	3
ECO 2001	Principles of Macroeconomics: GT-SS1	3
So/Beh Req.	COM 1250 Interpersonal Communication: GT-SS3 PSC1011 American Government: GT-SS1 PSY 1001 General Psychology I: GT-SS3 PSY 1002 General Psychology II : GT-SS3 SOC 2031 Sociology-Deviant Behavior: SS3 SOC 1001 Introduction to Sociology I : GT-SS3	3
MAT 1260	Introduction to Statistics: GT-MA1	3
Semester Total:		15

Semester Two Semester

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
Elective	AGY 2140 Introductory Soil Science: GT-SC1 BIO 2104 Microbiology w/lab: SC1 BIO 1004 Biology: A Human Approach: SC1 BIO 2121 Botany with Lab: GT- SC1 ENV 1111 Environmental Science with Lab: GT-SC1 MAT 1440 Pre-Calculus: GT-MA1	4
Principles of Microeconomics: GT-SS1		3
Arts/Hum Req.	ART 1110 Art Appreciation: GT-AH1 MUS 1020 Music Appreciation: GT-AH1 MUS 1025 History of Jazz: GT-AH1 PHI 1011 Intro to Philosophy: GT-AH3 PHI 1012 Ethics: GT-AH3 SPA 2011 Spanish Language III: GT-AH4	3
Semester Total:		13

Semester Three Semester

Course Code	Course Name	Credit Hours
MAT 2410	Calculus I: GT-MA1	5
SC1	AGY 2140 Introductory Soil Science: GT-SC1 AST 1110 Planetary Astronomy wit Lab: GT- SC1 BIO 1005 Science of Biology with Lab: GT-SC1	4

	BIO 2104 Microbiology w/lab: SC1	
	ENV 1111 Environmental Sci: SC1	
	BIO1004 Biology: A Human Approach: SC1	
Arts/Hum Req	ART 1112 Art History Renaissance to 1900: GT-AH1	3
	LIT 1015 Introduction to Literature I: GT-AH2	
	MUS 1025 History of Jazz: GT-AH1	
	SPA 2011 Spanish Language III: GT-AH4	
	THE 1005 Theatre Appreciation: GT-AH1	
	PHI 2005 Business Ethics: AH3	3
	PHI 1012 Ethics: AH3	
	Semester Total:	15

Semester Four Semester

Course Code	Course Name	Credit Hours
SC1	AGY 2140 Introductory Soil Science: GT-SC1	4
	AST 1110 Planetary Astronomy wit Lab: GT- SC1	
	BIO 1005 Science of Biology with Lab: GT-SC1	
	ENV 1111 Environmental Sci w/lab: SC1	
	BIO 2104 Microbiology w/lab: SC1	
	BIO 1004 Biology: A Human Approach: SC1	
So/Beh Req.	COM 1250 Interpersonal Comm: GT-SS3	3
	PSC 1011 American Govt: GT-SS1	
	PSY 1001 General Psychology I: GT-SS3	
	PSY 1002 General Psychology II : GT-SS3	
	SOC 2031 Sociology-Deviant Behavior: SS3	
	SOC 1001 Introduction to Sociology I : GT-SS3	
Elective	ART 1111 Art History Ancient to Medieval GT-AH1	3
	AGE 1102 Agriculture Economics: GT-SS1	
	MUS 1020 Music Appreciation: GT-AH1	
	MUS 1022 Music History Early Romantic Period to the Present: GT-AH1	
	SCI 1105 Science in Society: GT-SC2	
	THE 1005 Theatre Appreciation: GT-AH1	
Elective	AGY 2140 Introductory Soil Science: GT-SC1	4
	BIO 2120 General Zoology with Lab: GT-SC1	
	BIO 2121 Botany with Lab: GT- SC1	
	BIO 2104 Microbiology with Lab: GT-SC1	
	BIO 1004 Biology: A Human Approach: GT-SC1	
	MAT 1340 College Algebra: GT-MA1	
Elective	ART 1110 Art Appreciation: GT-AH1	3
	HUM 1023 Humanities: Modern World: GT-AH2	
	LIT 1015 Introduction to Literature I: GT-AH2	
	MUS 1022 Music History Early Romantic Period to the Present: GT-AH1	
	THE 1005 Theatre Appreciation: GT-AH1	
	Semester Total:	17

TOTAL CREDITS: 60

Elementary Teacher Education Transfer Major • Associate of Arts

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	13.1202
Program Banner Code:	AA_AA (Concentration: DEMT)	Total Credits Required:	60
Program Notes:	Transfer-focused AA degree plan aligned to GT Pathways and the Colorado Statewide Transfer Articulation Agreement		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT- CO1	3
MAT 1220	Integrated Math I: GT-MA1 REQUIRED	3
HIS 1210 or HIS 1220	U.S. History to Reconstruction: GT-HI1 U.S History Since the Civil War: GT-HI1	3
GEO 1005 or GEO 1006	World Regional Geography: GT-SS2 Human Geography: GT-SS2	3
Public Speaking		3
Semester Total:		15

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
MAT 1230	Integrated Math II: GT-MA1 REQUIRED	3
PSY 2441	Child Development: GT-SS3	3
LIT 2055	Children's Literature	3
Elective	** Check with receiving 4-year institution for specific elective courses needed	3
Semester Total:		15

Semester Three

Course Code	Course Name	Credit Hours
SCI 1055	Integrated Science I - Physics and Chemistry with Lab: GT-SC1 REQUIRED	4
PSC 1011	American Government: GT-SS1	3
EDU 2211	Introduction to Education	3
EDU 2341	Multicultural Education	3
ART 1110	Art Appreciation: GT-AH1	3
MUS 1020	Music Appreciation: GT-AH1	3
Addl. Arts/Hum	DAN 1025 Dance Appreciation: GT-AH1 THE 1005 Theatre Appreciation: GT-AH1	3
Semester Total:		16

Semester Four

Course Code	Course Name	Credit Hours
SCI 1056	Integrated Science II - Earth and Life Science with Lab: GT-SC1	4
ARTS & HUM REQUIREMENT AH2	LIT 1015 Introduction to Literature I: GT-AH2	3
	LIT 2001 World Literature to 1600: GT-AH2	
	HUM 1022 Humanities: Med.-Mod: AH2	
	HUM 1021 Humanities: Early Civ: AH2	
HUM 1015 World Mythology: AH2		
EDU 2611	EDU 2611 Teaching, Learning, and Techonology	3
Elective **	EDU 2088 Field Exp, or any other 1 credit hour class	1
Elective	** Check with receiving 4-year institution for specific elective courses needed	3
Semester Total:		14
TOTAL CREDITS: 60		

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Statewide Transfer Articulation Agreement for a Bachelor's Degree from these Colorado Public Four-Year Institutions:

- Adams State University
- Colorado Mesa University
- Colorado Mountain College
- Colorado State University-Pueblo
- Fort Lewis College
- Metropolitan State University of Denver
- University of Colorado Boulder
- University of Colorado Colorado Springs
- University of Colorado Denver
- University of Northern Colorado
- Western Colorado University

The Partnership for Rural Educator Preparation (T-PREP)
University of Colorado Denver and Trinidad State College
Appendix A: TSC AAS in ECE to CU Denver EDHD BA Course Plan

Trinidad State College		TSJC/University of Colorado Denver	
Year 1 (30 credits)	Year 2 (30 credits)	Year 3 (40 credits)	Year 4 (31 credits)
<p>Semester 1 (15 credits) ENG 1021 English Comp I (3) Math Core 120 or 135 (3) (substitute MAT 1340 for students already in pipeline)</p> <p>Clinical Block ECE 1011 (3) Introduction to Early Childhood Professions ECE 1031 (3) Guidance Strategies for Young Children ECE 1111 (3) Infant and Toddler Theory and Practice</p> <p>Semester 2 (15 credits)</p> <p>Clinical Block ECE 1045 (3) Introduction to Early Childhood Education Lab Techniques ECE 1125 (3) Intro to Infant/Toddler Lab Techniques ECE 2051 (3) ECE Nutrition, Health and Safety ECE 2621 (3) ECE Curriculum Development: Methods and Techniques ECE 2631 (3) Lang & Cogn for the Young</p>	<p>Semester 1 (15 credits) EDU 2281 (3) PSY 1001 or PSY 1002 (3) ECE 2641 (3) Creativity and the Young Child PSY 2380 Child Devlmt GT-SS3 (3) ECE 2401 (3) Adm of Early Chldhd Care & Educ Programs</p> <p>Semester 2 (15 credits)</p> <p>Clinical Block ECE 2411 (3) Administration: Human Relations for Early Childhood Education ECE 2601 (3) Exceptional Child ECE 2088 (3) Practicum: Early Childhood Education ECE 2089 (3) Capstone ECE</p> <p>Arts/Humanities Core – Choose any GT-AH course for transfer.</p>	<p>Summer #1 – Semester 1 ENG 1022 Core Composition II (3) HIS 1110 or 112, HUM 1021, PHI 1140, or PSC 1050 (Core Int Persp) (3)</p> <p>Fall – Semester 2 Literacy Learning Clinical Block EDHD 2930 Lrng & Dev. Field Exp. (3) LCRT 3720 Writ Devlmt and Teaching (3) CLDE 2000 CLOE Foundations (3) ECED 4060 Working with Families, Prof. & Comm (3) Core Math or Science (no lab)</p> <p>Spring – Semester 3 EDFN 4010 Soc Fdns & Cult Div in Urb Edu (3) GT-SC1 Core Science with Lab (4) EDU 2340 MC Ed (Core Social Science) (3) Core Humanities (GT-AH or GT-HI) (3)</p> <p>Summer #2 – Semester 4 MTED 3040 Math for Elem Tchrs (3) Core Cult Div – HDFR 3020 BI & Intro Child (3)</p>	<p>Fall – Semester 1 UEDU 4931 Internship & Learning Community I (2) UEDU 4932 Internship & Learning Community II (2) UEDU 4040 Planning for Learning (3) LCRT 4000 Elem. Lit. Instr & Assessment I (3) MTED 4002 Elementary Math Teaching I (3) SCED 4004 Elem Science Teaching (3)</p> <p>Spring – Semester 2 UEDU 4933 Internship & Learning Community III (6) UEDU 4050 Capstone (3) ECED 4200 Assessment for ECE Classrooms (3) ECED 4850 Dual Language Learners (3)</p>

Emergency Medical Services • Associate of Applied Science

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.0904
Program Banner Code:	TBD	Total Credits Required:	60
Program Notes:	Program Elective (Science) options: BIO 1006 (4) OR BIO 2102 (4) OR BIO 2116 (3) OR BIO 2104 (4). General Education Elective (GT-SS3) options: COM 1150 OR COM 1250 OR PSY 1001 OR PSY 2222 OR PSY 2440 OR PSY 2441.		

Semester One

Course Code	Course Name	Credit Hours
ENG 1015 / ENG 1021 / ENG 1031	Technical English & Communication OR English Composition I (GT-CO1) OR Technical Writing I (GT-CO1)	3
EMS 1021	EMT Fundamentals	3
EMS 1022	EMT Medical Emergencies	4
EMS 1023	EMT Trauma Emergencies	2
EMS 1024	EMT Special Considerations	2
EMS 1070	EMT Basic Clinical	1
Semester Total:		15

Semester Two

Course Code	Course Name	Credit Hours
EMS 1127	Advanced EMT Special Considerations	2
EMS 1129	Emergency Medical Technician Pharmacology	1
EMS 1125	Advanced EMT Fundamentals	2
EMS 1133	Advanced EMT Medical Emergencies	2
EMS 1135	Advanced EMT Trauma Emergencies	2
EMS 1071	Advanced EMT Clinical Internship	2
HPR 1050	Basic EKG Interpretation	2
Science elective (Select One — see Program Notes)		4
Semester Total:		17

Semester Three

Course Code	Course Name	Credit Hours
MAT 1140 / MAT 1240 / MAT 1340	Career Math OR Mathematics for Liberal Arts (GT-MA1) OR College Algebra (GT-MA1)	3
BIO 2101	Human Anatomy & Physiology I with Lab (GT-SC2)	4
General Ed Elective	GT-SS3 elective (Select One — see Program Notes)	3
EMS 1132	EMT Intravenous/Intr-aosseous Therapy	2
General Ed Elective	GT-SS3 elective (Select One — see Program Notes)	3
Semester Total:		15

Semester Four

Course Code	Course Name	Credit Hours
EMS 1075*	Expanded Scope I	4
EMS 2075*	Expanded Scope II	4
HPR 2011	Advanced Cardiac Life Support (ACLS)	1
Program Elective	Science elective (Select One — see Program Notes)	4
Semester Total:		13

TOTAL CREDITS: 60

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Advanced Emergency Medical Technician Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.0904
Program Banner Code:	CER_AEM2	Total Credits Required:	13
Program Notes:	Certificate plan for AEMT coursework. Students should work with an advisor to confirm eligibility, sequence, and any required prerequisites/clinical requirements.		

Semester One

Course Code	Course Name	Credit Hours
EMS 1127	Advanced Emergency Medical Technician Special Considerations	2
EMS 1129	Advanced Emergency Medical Technician Pharmacology	1
EMS 1125	Advanced Emergency Medical Technician Fundamentals	2
EMS 1132	EMS Intravenous/Intraosseous Therapy	2
EMS 1133	Advanced Emergency Medical Technician Medical Emergencies	2
EMS 1135	Advanced Emergency Medical Technician Trauma Emergencies	2
AEMT Clinical Internship		2
Semester Total:		13
TOTAL CREDITS: 13		

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Emergency Medical Technician Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.0904
Program Banner Code:	CER_EMTB	Total Credits Required:	12
Program Notes:	Certificate plan for EMT coursework. Students should work with an advisor to confirm eligibility, sequence, and any required clinical requirements.		

Semester One

Course Code	Course Name	Credit Hours
EMS 1021	EMT Fundamentals	3
EMS 1022	EMT Medical Emergencies	4
EMS 1023	EMT Trauma Emergencies	2
EMS 1024	EMT Special Considerations	2
EMS 1070	EMT Clinical	1
		12

TOTAL CREDITS: 12

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

English Transfer Major • Associate of Arts

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	23.0101
Program Banner Code:	AA_AA	Total Credits Required:	60
Program Notes:	Transfer-focused AA degree plan aligned to GT Pathways*Some 4-year institutions prefer specific math selections—confirm with a transfer advisor.		

Semester One

Course Code	Course Name	Credit Hours
COM 1150 or COM 1250	Public Speaking OR Interpersonal Communication (GT-SS3)	3
ENG 1021	English Composition I (GT-CO1)	3
MAT 1240	Mathematics for Liberal Arts (GT-MA1)	4
AH (Select One)	Arts & Humanities GT Pathways course (GT-AH1/AH2/AH3/AH4)	3
LIT 1015	Introduction to Literature I (GT-AH2)	3
		16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II (GT-CO2)	3
AH (Select One)	Arts & Humanities GT Pathways course (GT-AH1/AH2/AH3/AH4)	3
HI (Select One)	History GT Pathways course (GT-HI1)	3
LIT 2011	American Literature to Civil War (GT-AH2)	3
LIT 2059	Survey of African American Literature (GT-AH2)	3
		15

Semester Three

Course Code	Course Name	Credit Hours
LIT 2005 or LIT 2021	Race, Ethnicity & Culture in U.S. Literature OR British Literature to 1770 (GT-AH2)	3
SC (Select One)	Science GT Pathways course with lab (GT-SC1) *	4
SS (Select One)	Social & Behavioral Sciences GT Pathways course (GT-SS1/SS2/SS3)	3
SS (Select One)	Social & Behavioral Sciences GT Pathways course (GT-SS1/SS2/SS3)	3
		13

Semester Four

Course Code	Course Name	Credit Hours
ENG 2021	Creative Writing I (recommended elective)	3
AH (Select One)	Arts & Humanities GT Pathways course (GT-AH1/AH2/AH3/AH4)	3
LIT 2012	American Literature After the Civil War (GT-AH2)	3
SC2 (Select One)	Science GT Pathways elective (GT-SC2) **	4
Elective	Any GT transfer course (work with a transfer advisor)	4
		16

TOTAL CREDITS: 60

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

**Statewide Transfer Articulation Agreement for a Bachelor's Degree from these Colorado Public
Four-Year Institutions:**

**Adams State University
Colorado Mesa University
Colorado State University-Fort Collins
Colorado State University-Pueblo
Fort Lewis College
Metropolitan State University of Denver
University of Colorado Boulder
University of Colorado Colorado Springs
University of Colorado Denver
University of Northern Colorado
Western State Colorado University**

[For the most current information on this transfer articulation agreement, please go to the following website:](#)

<https://cdhe.colorado.gov/students/attending-college/credit-transfer/transfer-degrees#:~:text=These%20agreer>

Esthetician Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	12.0401
Program Banner Code:	CER_CEST	Total Credits Required:	20
Program Notes:	Some courses may be scheduled in summer terms based on cohort and lab availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
COS 1050	Laws, Rules, and Regulations	1
COS 1060	Introduction to Disinfection, Sanitation, & Safety	2
COS 2050	Business Management / Personal Skills / Ethics	1
EST 1010	Introduction to Skin Care	3
Semester Total:		7

Semester Two

Course Code	Course Name	Credit Hours
EST 1011	Intermediate Skin Care	2
Semester Total:		2

Semester Three

Course Code	Course Name	Credit Hours
COS 2060	Intermediate II: Infection Control and Prevention	2
COS 2062	Advanced II: Disinfection, Sanitation & Safety	3
EST 2010	Advanced Skin Care	2
EST 2011	Make-up for Skin Care Professionals	1
EST 2012	Hair Removal	3
Semester Total:		11

TOTAL CREDITS: 20

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Nail Technician Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	12.0401
Program Banner Code:	CER_4NAT	Total Credits Required:	20
Program Notes:	Some courses may be scheduled in summer terms based on cohort and lab availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
COS 1050	Laws, Rules, and Regulations	1
COS 1060	Introduction to Infection Control and Prevention	2
COS 1061	Intermediate I: Infection Control and Prevention	1
NAT 1010	Introduction to Nail Care	3
NAT 1011	Intermediate I Nail Care	2
		9

Semester Two

Course Code	Course Name	Credit Hours
COS 2050	Business Management / Personal Skills / Ethics	1
COS 2060	Intermediate II: Infection Control and Prevention	2
COS 2061	Advanced Infection Control and Prevention	1
NAT 2010	Advanced Nail Care	2
NAT 2011	Application of Nail Enhancements	5
		11

TOTAL CREDITS: 20

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

TRANSFER AGREEMENT

TRINIDAD STATE COLLEGE

AND

COLORADO STATE UNIVERSITY PUEBLO

AA degree to
BS in Exercise Science, Physical Education, Recreation: Recreation Concentration

May 8, 2023



Bachelor of Science in Exercise Science, Physical Education, and Recreation (Recreation Concentration)

Transfer Agreement - Trinidad State College Student Transferring AA to:

Colorado State University Pueblo

Effective Starting 2023

This document serves as a transfer agreement to identify the courses a student at Trinidad State College (TSC) must complete as part of an Associate of Arts (AA) and will be able to complete a **Bachelor of Science in Exercise Science, Physical Education, and Recreation (EXPER) with a Recreation Concentration**. The courses and limitations below describe the minimum requirements to which the participating institutions have agreed.

Associate of Arts Degree Requirements

I. General Education Courses

Category	Credit Hours	Trinidad State College Course Number and Title	CSU Pueblo Course (credits)
Written Communication	6	ENG 1021: English Composition I (GT-CO1) and ENG 1022: English Composition II (GT- CO2)	ENG 101, 3 credits ENG 102, 3 credits
Mathematics	4	MAT 1200: Math for Liberal Arts or any MATH (GT-MA1)	MATH 109, 3 credits
Arts & Humanities	9	Two gtPathways Arts & Humanities courses from two different areas (GT-AH1, GT-AH2, GT-AH3, or GT-AH4); and COM 1150: Public Speaking	6 credits and CID 103, 3 credits
Social & Behavioral Sciences	6	One gtPathways Social & Behavioral Science course (GT-SS1, GT-SS2, or GT-SS3) and PSY 2440: Human Development (GT-SS3)	SS, 3 credits PSYC 151, 3 credits
History	3	One gtPathways History course (GT-HI1)	3 credits
Natural & Physical Sciences	8	ENV 1010: Environmental Science/Lab (GT-SC1) One gtPathways Science with Lab (GT-SC1)	BIOL 121/L, 4 credits 4 credits
Credits	36	Total Gen Ed Credits	35

II. Additional Required Courses

Credit Hours	Trinidad State College Course Number and Title	CSU Pueblo Course (credits)
2	One of the following: HPE 1000: Intro to Physical Education & Sport HPE 1001: Intro to Coaching	EPER 101, 2 credits
3	CIS 1180: Intro to PC Applications	CIS 100, 103, 104, 3 credits
3	One of the following: HPE 2000: Perspectives in PE and Sport REC 1001: Recreation Principals & Practice HPE 2031: Care and Prevention of Athletic Injury	EPER 233, 2 credits EPER 240, 3 credits AT 260, 3 credits

3	HWE 1050: Human Nutrition	BIOL 112, 3 credits
1	PED 1010: Conditioning Lab or any PED course	EPER 126L, 1 credit
1	PED 1001: Weight Training I	EPER 110L, 1 credit
2	One of the following: PED 1002: Weight Training II HPE 2001: Sports Law	EPER elective, 2 credits
3	REC 1020: Intro to Sports Management or PSY 2333: Health Psych	EPER elective: 3 credits
3	REC 2100: Principles of Outdoor Recreation	EPER 270: 3 credits
3	REC 2210: Recreational Skills	EPER 345, 2 credits
24	total	23
60	TOTAL REQUIRED COURSE CREDITS	

LIMITATIONS

1. **Completion of Associate's Degree:** This transfer guide identifies the courses a student needs to complete (with a C- or higher) to earn an AA degree at TSC in order to be able to finish the designated baccalaureate degree in no more than 60 credits. Per [Colorado Commission on Higher Education CCHE Policy L](#), students who complete an AA or AS degree at a Colorado community/junior college and who are admitted to a Colorado public baccalaureate institution are guaranteed the following: the full transfer and application of a minimum of 60 credits toward the baccalaureate degree requirements at the Colorado institution of higher education; completion of the lower-division component of the receiving institution's general education core curriculum; and junior standing. Course credit may be applied to major, elective or other requirements at the receiving institution's discretion. If more than 60 college-level credits are taken or the student gets lower than a C- in one or more courses at the community/junior college, then some loss of transfer credit may occur, and students may not be able to complete this baccalaureate degree in 120 credits.
2. **Transfer Before Completing the Associate's Degree:** If the student intends to transfer prior to completing the AA degree, this transfer guide should still be used to identify the courses that can most effectively prepare them for efficiently completing the designated major at the baccalaureate institution to which they are transferring. While not completing the required associate's degree eliminates the guarantees described here, gtPathways general education courses identified herein are guaranteed to transfer and apply to the receiving institution's gtPathways lower division general education requirements. Students are strongly encouraged to finish course sequences (such as BIO 2102 and 2102) before transferring.

For additional information on CCHE transfer policies and gtPathways guaranteed transfer of general education credit, visit <http://highereducation.colorado.gov/Academics/Transfers/Students.html>. To file a transfer-related complaint with the Colorado Department of Higher Education, visit <http://highereducation.colorado.gov/Academics/Complaints/default.html>

III. Remaining coursework to fulfill BS in EXPER Recreation

The chart shown below illustrates the remaining requirements to complete the BS in EXPER Recreation after transferring to CSU Pueblo. 64 semester credits are the maximum amount of transfer credit allowed from two-year institutions. Therefore, the credits shown below **MUST** be completed at CSU Pueblo.

Additional Major Core Course Requirements		
Course Prefix (CSUP)	Course Name	Credits
EPER 240	Rec Program Design	3
EPER 249	Challenge Course Leadership	2
EPER 250	Commercial Rec and Tourism	3
EPER 280	Foundations of Therapeutic Rec	3
EPER 322	Wilderness First Aid	2
EPER 350	Leadership and Ethics	3
EPER 360	Outdoor Education	3
EPER 375	Research and Evaluation in Rec	3
EPER 389	Practicum	3
EPER 461	Managing Programs in EXPER	3
EPER 484	Outdoor Resource Management	3
EPER 485	Rec Facility Design and Management	3
EPER 493	Seminar	2
EPER 498	Internship	12
Specialization area	12 credits (at least 3 upper division)	12
Total Transfer Credit Applied Toward BS Degree		60
Total Additional Credit Required for BS Degree		60
Total BS Degree Requirements		120

COLORADO STATE UNIVERSITY:

TRINIDAD STATE COLLEGE:

Carol Foust, Associate Dean | Date

, **Dean | Date**

Chad Kinney,
Interim Provost and Vice President | Date

Provost and Vice President | Date

Timothy Mottet, President | Date

, **President | Date**

TRANSFER AGREEMENT

TRINIDAD STATE COLLEGE

AND

COLORADO STATE UNIVERSITY PUEBLO

**AA degree to
BS in Exercise Science, Physical Education, Recreation: General Exercise Science**

May 8, 2023



**Bachelor of Science in Exercise Science, Physical
Education, and Recreation
{General Exercise Science Concentration}**



**Transfer Agreement - Trinidad State College Student Transferring AA to:
Colorado State University Pueblo
Effective Starting 2023**

This document serves as a transfer agreement to identify the courses a student at Trinidad State College (TSC) must complete as part of an Associate of Arts (AA) and will be able to complete a **Bachelor of Science in Exercise Science, Physical Education, and Recreation (EXPER) with a General Exercise Science Concentration**. The courses and limitations below describe the minimum requirements to which the participating institutions have agreed.

Associate of Arts Degree Requirements

I. General Education Courses

Category	Credit Hours	Trinidad State College Course Number and Title	CSU Pueblo Course (credits)
Written Communication	6	ENG 1021: English Composition I (GT-CO1) and ENG 1022: English Composition II (GT- CO2)	ENG 101, 3 credits ENG 102, 3 credits
Mathematics	4	MAT 1340: College Algebra (GT-MA1)	MATH 120, 3 credits
Arts & Humanities	9	Two gtPathways Arts & Humanities courses from two different areas (GT-AH1 , GT-AH2 , GT-A L , or GT-AH4); and COM 1150: Public Speaking	6 credits and CID 103, 3 credits
Social & Behavioral Sciences	6	One gtPathways Social & Behavioral Science course (GT-SS1 , GT-SS2 , or GT-SS3) and PSY 2440: Human Development (GT-SS3)	SS, 3 credits PSYC 151, 3 credits
History	3	One gtPathways History course (GT-HI1)	3 credits
Natural & Physical Sciences	8	BIO 2101: Anatomy & Physiology I/Lab (GT-sc1 , BIO 2102: Anatomy & Physiology II/Lab (GT-SC1'	BIOL 223/L, 4 credits BIOL 224/L, 4 credits
Credits	36	Total Gen Ed Credits	35

II. Additional Required Courses

Credit Hours	Trinidad State College Course Number and Title	CSU Pueblo Course (credits)
3	CIS 1180: Intro to PC Applications	CIS 100, 103, 104, 3 credits
2	One of the following: HPE 1000: Intro to Physical Education & Sport HPE 1001: Intro to Coaching	EPER 101, 2 credits
3	HPE 2000: Perspectives in PE and Sport	EPER 233, 2 credits
2	HPE 2001: Sports Law	EPER elective, 2 credits

3	HPE 2031: Care and Prevention of Athletic Injury	AT 260: 3 credits
3	HPR 1170: Anatomical Kinesiology	EPER 364, 3 credits

3	HWE 1050: Human Nutrition	BIOL 112, 3 credits
2	HWE 1061: Fitness & Wellness	EPER elective, 2 credits
1	PED 1010: Conditioning Lab	EPER 126L, 1 credit
1	PED 1002: Weight Training I	EPER 110L, 1 credit
1	Any additional PED or REC course	EPER elective, 1 credit
24	total	23
60	TOTAL REQUIRED COURSE CREDITS	

LIMITATIONS

1. **Completion of Associate's Degree:** This transfer guide identifies the courses a student needs to complete (with a C or higher) to earn an AA degree at TSC in order to be able to finish the designated baccalaureate degree in no more than 60 credits. Per [Colorado Commission on Higher Education CCHE Policy 11](#), students who complete an AA or AS degree at a Colorado community/junior college and who are admitted to a Colorado public baccalaureate institution are guaranteed the following: the full transfer and application of a minimum of 60 credits toward the baccalaureate degree requirements at the Colorado institution of higher education; completion of the lower-division component of the receiving institution's general education core curriculum; and junior standing. Course credit may be applied to major, elective or other requirements at the receiving institution's discretion. If more than 60 college-level credits are taken or the student gets lower than a C- in one or more courses at the community/junior college, then some loss of transfer credit may occur, and students may not be able to complete this baccalaureate degree in 120 credits.
2. **Transfer Before Completing the Associate's Degree:** If the student intends to transfer prior to completing the AA degree, this transfer guide should still be used to identify the courses that can most effectively prepare them for efficiently completing the designated major at the baccalaureate institution to which they are transferring. While not completing the required associate's degree eliminates the guarantees described here, gtPathways general education courses identified herein are guaranteed to transfer and apply to the receiving institution's gtPathways lower division general education requirements. Students are strongly encouraged to finish course sequences (such as BIO 2102 and 2102) before transferring.

For additional information on CCHE transfer policies and gtPathways guaranteed transfer of general education credit, visit <http://hi.hered.colorado.ov/Academics/Transfers/Students.html>. To file a transfer-related complaint with the Colorado Department of Higher Education, visit <http://hi.hered.colorado.ov/Academics/Complaints/default.html>

III. Remaining coursework to fulfill BS in EXPER General Exercise Science

The chart shown below illustrates the remaining requirements to complete the BS in EXPER General Exercise Science after transferring to CSU Pueblo. 64 semester credits are the maximum amount of transfer credit allowed from two-year institutions. Therefore, the credits shown below **MUST** be completed at CSU Pueblo.

Additional Major Core Course Requirements		
Course Prefix (CSUP)	Course Name	Credits
AT232	First Aid	2
EPER162/162L	Personal Health and Lab	4
EPER 201	Drugs and Healthy Lifestyles	3
EPER 222	Behavioral Facilitation	3
EPER 343	Applied Statistics	3
EPER 344/344L	Exercise Physiology/Lab	4
EPER 436	Exercise Assessment	3
EPER 461	Managing Programs in EXPER	3
EPER 493	Seminar	2
EPER 498	Internship	6
EPER Elective	EPER Electives upper division	19
Electives	Open Electives	8
Total Transfer Credit Applied Toward BS Degree		60
Total Additional Credit Required for BS Degree		60
Total BS Degree Requirements		120

COLORADO STATE UNIVERSITY:

TRINIDAD STATE COLLEGE:

Carol Foust, Associate Dean | Date

, Dean | Date

**Chad Kinney,
Interim Provost and Vice President | Date**

Provost and Vice President | Date

Timothy Mottet, President | Date

, President | Date

Gunsmithing • Associate of Applied Science

Campus:	Trinidad Main Campus (TMC)	CIP Code:	47.0402
Program Banner Code:	Program Banner Code: TBD	Total Credits Required:	73
Program Notes:	Required General Education (15 credits): • MAT 0107 or higher (3) • ENG 0115 or ENG 0121 (3) • Additional Gen Ed electives (9) from: Science, Social & Behavioral Sciences, Business, Accounting, or Speech Required Gunsmithing Electives (3 credits): select approved GUS elective courses (marked * in catalog).		

Semester One

Course Code	Course Name	Credit Hours
GUS 0100	Orientation & Firearms Safety	0.5
GUS 0102	Introduction to Firearms	2
GUS 0110	Firearms Bench Metal	5
GUS 0112	Firearms Machine Shop I	5
WEL 0135	TIG Welding for Gunsmiths	2
General Education	Gen Ed requirement (see Program Notes)	3
Semester Total:		17.5

Semester Two

Course Code	Course Name	Credit Hours
GUS 0135	Firearms Conversion	5
GUS 0136	Firearms Metal Finishing	2
GUS 0139	Stock Duplication	2
GUS 0127	Firearms Machine Shop II	4
BUS 0121	Basic Workplace Skills	1
General Education	Gen Ed requirement (see Program Notes)	6
Semester Total:		20

Semester Three

Course Code	Course Name	Credit Hours
GUS 0119	Stockmaking I	5
GUS 0205	Firearms Machine Shop III	4
GUS 0147	Firearms Repair I	5
General Education	Gen Ed requirement (see Program Notes)	3
		Semester Total: 17

Semester Four

Course Code	Course Name	Credit Hours
GUS 0245	Stockmaking II	5
GUS 0247	Firearms Repair II	7
GUS 0265	Comprehensive Skills Evaluation	0.5
General Education	Gen Ed requirement (see Program Notes)	3
		Semester Total: 15.5

Required Elective Courses

Course Code	Course Name	Credit Hours
GUS Elective*	Approved Gunsmithing elective (see Program Notes)	3
		Semester Total: 3

TOTAL CREDITS: 73

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Gunsmithing Certificate

Campus:	Trinidad Main Campus (TMC)	CIP Code:	47.0402
Program Banner Code:	CER_GSM	Total Credits Required:	58
Program Notes:	<p>Prerequisites (summary):</p> <ul style="list-style-type: none"> • GUS 1010 & GUS 1012 require GUS 1000 • GUS 1027 requires GUS 1012 • GUS 1035 requires GUS 1010 • GUS 1019 requires GUS 1039 • GUS 2005 requires GUS 1027 • GUS 2045 requires GUS 1019 • GUS 2047 requires GUS 1047 • GUS 2065 requires completion of GUS 2045 and GUS 2047 <p>Elective Requirement: Select approved GUS elective course(s) totaling 3 credits.</p> <p>Options (prereqs where noted):</p> <ul style="list-style-type: none"> • GUS 1053 Ballistics and Handloading (credits vary) • GUS 1062 Gunstock Checkering (3) • GUS 2008 Alternative Metal Finishes (credits vary) • GUS 2040 Shotgunsmithing (Pre: GUS 1010) • GUS 2050 Competitive AR-15 Rifle (Pre: GUS 1012) • GUS 2051 Bolt Action Accuracy Blueprinting (Pre: GUS 1027) • GUS 2068 Custom Pistolsmithing (Pre: GUS 1010) • GUS 2069 Custom Revolversmithing (Pre: GUS 1010) 		

Semester One

Course Code	Course Name	Credit Hours
GUS 1000	Orientation & Firearms Safety	0.5
GUS 1002	Introduction to Firearms	2
GUS 1010	Firearms Bench Metal (Pre: GUS 1000)	5
GUS 1012	Firearms Machine Shop I (Pre: GUS 1000)	5
WEL 1035	TIG Welding for Gunsmiths	2
Semester Total:		14.5

Semester Two

Course Code	Course Name	Credit Hours
BUS 1021	Basic Workplace Skills	1
GUS 1027	Firearms Machine Shop II (Pre: GUS 1012)	4
GUS 1035	Firearms Conversions (Pre: GUS 1010)	5
GUS 1036	Firearms Metal Finishing	2
GUS 1039	Stock Duplication	2
Semester Total:		14

Semester Three

Course Code	Course Name	Credit Hours
GUS 1019	Stockmaking I (Pre: GUS 1039)	5
GUS 1047	Firearms Repair I	5
GUS 2005	Firearms Machine Shop III (Pre: GUS 1027)	4
Semester Total:		14

Semester Four

Course Code	Course Name	Credit Hours
GUS 2045	Stockmaking II (Pre: GUS 1019)	5
GUS 2047	Firearms Repair II (Pre: GUS 1047)	7
GUS 2065	Comprehensive Skills Evaluation (Pre: GUS 2045 & GUS 2047)	0.5
GUS Elective(s)	Select approved elective(s) totaling 3 credits (see Program Notes)	3
Semester Total:		15.5

TOTAL CREDITS: 58

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Gunsmithing Technician Certificate

Campus:	Trinidad Main Campus (TMC)	CIP Code:	47.0402
Program Banner Code:	CER_GSM2	Total Credits Required:	16
Program Notes:	Electives: GUN- and GUS-prefix electives as approved by the Dean of Instruction (6 credits).		

Summer Semester

Course Code	Course Name	Credit Hours
GUN 1004	Bluing and Metal Finishes	2
GUN 1016	Basic Precision Welding	2
GUN 1020	Basic Machine Shop	2
GUN 1021	Advanced Machine Shop	2
GUN 1102	Gunsmithing Hand Tools	2
Electives	GUN- and GUS-prefix electives (approved)	6
Semester Total:		16

TOTAL CREDITS: 16

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Custom Pistolsmithing (1911) Certificate

Campus:	Trinidad Main Campus (TMC)	CIP Code:	47.0402
Program Banner Code:	CER_CGUP	Total Credits Required:	26
Program Notes:	Cohort scheduling may vary. Students should work with an advisor to confirm sequencing and prerequisites.		

Program Requirements

Course Code	Course Name	Credit Hours
GUS 1000	Orientation & Firearms Safety	0.5
GUS 1010	Firearms Bench Metal	5
GUS 1012	Firearms Machine Shop I	5
GUS 1036	Firearms Metal Finishes	2
GUS 2008	Alternative Metal Finishes	2
GUS 2068	Custom Pistolsmithing	3
Practicum: Premium 1911 Modifications		4
GUS 2075	Special Topics: Premier 1911 or Premier 2011	4
GUS 2089	Capstone	0.5
Semester Total:		26

TOTAL CREDITS: 26

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

NRA Firearms Safety Instructor Certificate

Campus:	Trinidad Main Campus (TMC)	CIP Code:	47.0402
Program Banner Code:	CER_NRAS	Total Credits Required:	18
Program Notes:	Plan includes coursework across Semesters 1 and 2 (delivered as scheduled). Students should work with an advisor to confirm offering sequence and any training prerequisites.		

Semesters 1 and 2

Course Code	Course Name	Credit Hours
COM 1150	Public Speaking	3
GUR 1001	NRA Home Firearm Safety Course	0.5
GUR 1006	NRA Basic Pistol Shooting	0.5
GUR 1007	NRA Basic Shotgun Shooting	1
GUR 1008	NRA Muzzleloading Pistol Shooting	1
GUR 1009	NRA Muzzleloading Rifle Shooting	1
	NRA Basic Rifle Shooting	1
GUR 1011	NRA Muzzleloading Shotgun Shooting	1
GUR 1012	NRA Personal Protection Course	1
GUR 1020	NRA Range Safety Officer Course	0.5
GUR 2000	NRA Basic Instruction Training	0.5
GUR 2001	NRA Home Firearms Safety Instructor	0.5
GUR 2006	NRA Basic Pistol Shooting Instructor	1
GUR 2007	NRA Basic Shotgun Shooting Instructor	1
GUR 2008	NRA Muzzleloading Instructor	1
GUR 2010	NRA Basic Rifle Shooting Instructor	1
GUR 2012	NRA Personal Protection Instructor	1
GUR 2020	NRA Chief Range Safety Officer	0.5
GUR 2050	Instructional Leadership	1
Semester Total:		18

TOTAL CREDITS: 18

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

NRA Summer Classes Schedule

Campus:	Trinidad Main Campus (TMC)	CIP Code:	
Program Banner Code:	NRA Summer Classes	Total Credits Required:	
Notes:	Schedule only. Dates and locations subject to change.		

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Summer Schedule

Date	Class	Instructor	Location
May 26–30	Welding for Gunsmiths	Robert Sanchez	Banta Welding Lab
June 2–6	Bluing	Bob Campbell	Mullen 106
June 2–6	Single Action Revolver Tuning	Ryan Newport	Mullen 306
June 9–13	Alternative Finishes	Bob Campbell	Mullen 106
July 7–11	Introduction to Gunsmithing	Ryan Newport	Mullen 306
July 7–11	Barreling Precision Rifles	Logan Schmit	Mullen 211
July 7–11	Benchmetal Hand Tools & Metallurgy	Fred Weisenborn	Mullen 106
July 14–18	Basic Machine Shop	Logan Schmit	Mullen 211
July 21–25	Advanced Machine Shop	Logan Schmit	Mullen 211

Hairstylist Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	12.0401
Program Banner Code:	Program Banner Code: TBD	Total Credits Required:	40
Program Notes:	Some courses may be scheduled in summer terms based on cohort and lab availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
COS 1003	Introduction to Hair and Scalp	1
COS 1020	Introduction to Hair Cutting	2
COS 1030	Introduction to Hair Styling	2
COS 1040	Introduction to Chemical Texture	1
COS 1050	Laws, Rules, and Regulations	1
COS 1060	Introduction to Infection Control and Prevention	2
COS 1061	Intermediate I: Infection Control and Prevention	1
Semester Total:		10

Semester Two

Course Code	Course Name	Credit Hours
COS 1010	Introduction to Hair Coloring	2
COS 1011	Intermediate Haircoloring	2
COS 1021	Intermediate Haircutting (Pre: COS 1020)	2
COS 1031	Intermediate Hair Styling (Pre: COS 1030)	2
COS 1041	Intermediate Chemical Texture (Pre: COS 1040)	1
COS 2003	Intermediate Hair and Scalp (Pre: COS 1003)	1
COS 2020	Intermediate II: Hair Cutting (Pre: COS 1020)	2
COS 2030	Intermediate II: Hair Styling (Pre: COS 1030)	2
COS 2031	Advanced Hair Styling (Pre: COS 1030)	1
COS 2040	Intermediate II: Chemical Texture (Pre: COS 1040)	1
Semester Total:		16

Semester Three

Course Code	Course Name	Credit Hours
COS 2010	Intermediate II: Haircoloring (Pre: COS 1010)	2
COS 2011	Advanced Hair Coloring (Pre: COS 1011)	2
COS 2021	Advanced Hair Cutting (Pre: COS 2020)	2
COS 2041	Advanced Chemical Texture (Pre: COS 1041)	1
COS 2050	Business Management / Personal Skills / Ethics	1
COS 2060	Intermediate II: Infection Control and Prevention	2
COS 2061	Advanced Infection Control and Prevention	1
COS 2062	Advanced II: Disinfection, Sanitation, & Safety	3
Semester Total:		14

TRANSFER AGREEMENT

TRINIDAD STATE COLLEGE

AND

COLORADO STATE UNIVERSITY PUEBLO

**AA degree to
BS in Health Sciences: Pre-Athletic Training**

May 8, 2023



**Bachelor of Science in Health Sciences
(Pre-Athletic Training Concentration)**

**Transfer Agreement - Trinidad State College Student Transferring AA to:
Colorado State University Pueblo
Effective Starting 2023**

This document serves as a transfer agreement to identify the courses a student at Trinidad State College (TSC) must complete as part of an Associate of Arts (AA) to be guaranteed to be able to complete a **Bachelor of Science in Health Sciences (HS) with a Pre-Athletic Training Concentration**. The courses and limitations below describe the minimum requirements to which the participating institutions have agreed.

Associate of Arts Degree Requirements

I. General Education Courses

Category	Credit Hours	Trinidad State College Course Number and Title	CSU Pueblo Course (credits)
Written Communication	6	ENG 1021: English Composition I (GT-CO1) and ENG 1022: English Composition II (GT-CO2)	ENG 101, 3 credits ENG 102, 3 credits
Mathematics	4	MAT 1340: College Algebra (GT-MA1)	MATH 120, 3 credits
Arts & Humanities	9	Two gtPathways Arts & Humanities courses from two different areas (GT-AH1, GT-AH2, GT-AH3, or GT-AH4); and COM 1150: Public Speaking	6 credits and CID 103, 3 credits
Social & Behavioral Sciences	6	One gtPathways Social & Behavioral Science course (GT-SS1, GT-SS2 or GT-SS3) and PSY 2440: Human Development (GT-SS3)	SS, 3 credits PSYC 151, 3 credits
History	3	One gtPathways History course (GT-HI1)	3 credits
Natural & Physical Sciences	8	BIO 2101: Anatomy & Physiology I/Lab (GT-SC1) BIO 2102: Anatomy & Physiology II/Lab (GT-SC1)	BIOL 223/L, 4 credits BIOL 224/L, 4 credits
Credits	36	Total Gen Ed Credits	35

II. Additional Required Courses

Credit Hours	Trinidad State College Course Number and Title	CSU Pueblo Course (credits)
3	HPE 2031: Care and Prevention of Athletic Injuries	AT 260, 3 credits
3	HWE 1050: Human Nutrition	BIOL 112, 3 credits
3	MAT 1260: Introduction to Statistics	EPER 343, 3 credits
5	CHE 1011: Intro to Chemistry I with lab or CHE 1111: Gen College Chemistry I with Lab (GT-SC1)	CHEM 111/L, 4 credits
5	BIO 1111: Gen College Biology I with lab	BIOL 182/L, 4 credits
5	PHY 1111: Physics Algebra-Based I/Lab: SC1	PHYS 201/L, 4 credits
26	Total	23 Credits
60	TOTAL REQUIRED COURSE CREDITS	

LIMITATIONS

1. **Completion of Associate's Degree:** This transfer guide identifies the courses a student needs to complete (with a C- or higher) to earn an AA degree at TSC in order to be able to finish the designated baccalaureate degree in no more than 60 credits. Per [Colorado Commission on Higher Education CCHE Policy 11](#), students who complete an AA or AS degree at a Colorado community/junior college and who are admitted to a Colorado public baccalaureate institution are guaranteed the following: the full transfer and application of a minimum of 60 credits toward the baccalaureate degree requirements at the Colorado institution of higher education; completion of the lower-division component of the receiving institution's general education core curriculum; and junior standing. Course credit may be applied to major, elective or other requirements at the receiving institution's discretion. If more than 60 college-level credits are taken or the student gets lower than a C- in one or more courses at the community/junior college, then some loss of transfer credit may occur, and students may not be able to complete this baccalaureate degree in 120 credits.
2. **Transfer Before Completing the Associate's Degree:** If the student intends to transfer prior to completing the AA degree, this transfer guide should still be used to identify the courses that can most effectively prepare them for efficiently completing the designated major at the baccalaureate institution to which they are transferring. While not completing the required associate's degree eliminates the guarantees described here, gtPathways general education courses identified herein are guaranteed to transfer and apply to the receiving institution's gtPathways lower division general education requirements. Students are strongly encouraged to finish course sequences (such as BIO 2101 and 2102) before transferring.

For additional information on CCHE transfer policies and gtPathways guaranteed transfer of general education credit, visit <http://hi.hered.colorado.ov/Academics/Transfers/Students.html>. To file a transfer-related complaint with the Colorado Department of Higher Education, visit <http://hi.hered.colorado.ov/Academics/Complaints/default.html>

III. Remaining coursework to fulfill BS in Health Sciences Pre-Athletic Training or 3+2 AT

The chart shown below illustrates the remaining requirements to complete the BS in Health Sciences after transferring to CSU Pueblo. 64 semester credits are the maximum amount of transfer credit allowed from two-year institutions. Therefore, the credits shown below **MUST** be completed at CSU Pueblo.

Additional Major Core Course Requirements		
Course Prefix (CSUP)	Course Name	Credits
AT232	First Aid/ CPR (or Prior Learning Assessment)	2*
AT234	Emergency Care	2
AT 301	Physical Assessment	3
AT323	Functional Exercise Training	2
BIOL 220	Medical Terminology	2
HS 101	Introduction to Health Professions	2
EPER 162/162L	Personal Health/Lab	4
EPER 201	Drugs and Healthy Lifestyles	3
EPER 222	Behavioral Facilitation	3
EPER 320	NSCA Test Prep	3
EPER 344/344L	Exercise Physiology/Lab	4
EPER 364	Kinesiology	3
EPER 432	Applied Sports Psychology	3
EPER 436	Exercise Assessment	3
EPER 440	Biomechanics	3
EPER 461	Managing Events and Programs	3
HS493	Seminar	2
HS498	Internship	12
NSG 207	Nursing Pathophysiology	3
Total Transfer Credit Applied Toward BS Degree		60*
Total Additional Credit Required for BS Degree		60-62*
Total BS Degree Requirements		120-122
*transfer or PLA credit may be applied for First Aid/CPR requirement		

OR if student desires 3+2 program to complete BS in Health Sciences and MS in Athletic training:

- The students will take the following classes in their Junior year.
 - AT 232 (PLA), AT 234, AT 301, AT 323, BIOL 220, CIS 104, HS 101, EPER 162/L, EPER 222, EPER 320, EPER 344/L, EPER 364, EPER 432
- Add the MS in AT courses.
 - AT 501, AT 502, AT 503, AT 504, AT 510, AT 511, AT 513, AT 514, AT 533, AT 520, AT 521, AT 522, AT 530, AT 531, AT 532, AT 534, AT 540, AT 542, AT 545, AT 550, AT 551, AT 592
- See advisor for more details. Contact Dr. Roger Clark at roaer.clark@csupueblo.edu for more information.

COLORADO STATE UNIVERSITY:

TRINIDAD STATE COLLEGE:

Carol Foust, Associate Dean | Date

Dean | Date

**Chad Kinney,
Interim Provost and Vice President | Date**

Provost and Vice President | Date

Timothy Mottet, President | Date

, President | Date

Health Sciences (Pre-Athletic Training) – Transfer Pathway (AA → CSU Pueblo BS)

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	39.0201
Program Banner Code:	AAHS	Total Credits Required:	60
Program Notes:	This plan supports transfer preparation for a Bachelor of Science at Colorado State University Pueblo (Athletic Training pathway).		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I (GT-CO1)	3
MAT 1240	Mathematics for Liberal Arts (GT-MA1)	4
HIS 1310	Western Civilization: Antiquity–1650 (GT-HI1)	3
COM 1150 / COM 1250	Communication (choose one): • COM 1150 Public Speaking (GT-SS3) • COM 1250 Interpersonal Communication (GT-SS3)	3
GT-AH Elective	Arts & Humanities (choose one – 3 credits): • ART 1110 Art Appreciation (GT-AH1) • ART 1111 Art History: Ancient to Medieval (GT-AH1) • MUS 1020 Music Appreciation (GT-AH1) • PHI 1011 Introduction to Philosophy (GT-AH3) • PHI 1012 Ethics (GT-AH3) • THE 1005 Theatre Appreciation (GT-AH1)	3

Semester Total: 16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II (GT-CO1)	3
GT-SC1 Lab	Science (choose one – lab-based) (4 credits*): • AST 1110 Planetary Astronomy w/Lab (GT-SC1) • AST 1120 Stellar Astronomy w/Lab (GT-SC1) • BIO 1005 Science of Biology w/Lab (GT-SC1) • BIO 1004 Biology: A Human Approach (GT-SC1) • BIO 1111 General College Biology I w/Lab (GT-SC1) • BIO 2104 Microbiology w/Lab (GT-SC1) • ENV 1111 Environmental Science w/Lab (GT-SC1) • GEO 1011 Physical Geography: Landforms w/Lab (GT-SC1) *Verify credit hours with advisor/receiving institution.	4*
GT-SS Elective	Social Sciences (choose one – 3 credits): • ANT 1001 Cultural Anthropology (GT-SS3) • ECO 2002 Principles of Microeconomics (GT-SS1) • PSY 1002 General Psychology II (GT-SS3) • SOC 1002 Introduction to Sociology II (GT-SS3) • SOC 2005 Sociology of Family Dynamics (GT-SS3)	3
HIS 1320	Western Civilization: 1650–Present (GT-HI1)	3
GT-AH Elective	Arts & Humanities (choose one – 3 credits): • ART 1112 Art History: Renaissance to 1900 (GT-AH1) • MUS 1021 Music History: Medieval thru Classical (GT-AH1) • MUS 1025 History of Jazz (GT-AH1) • LIT 2002 World Literature After 1600 (GT-AH2)	3

- PHI 1013 Logic (GT-AH3)
- THE 2012 Development of Theatre: Restoration to Modern (GT-AH1)

Semester Total: 16

Semester Three

Course Code	Course Name	Credit Hours
GT-SC Elective	Science (choose one – 3 credits*): <ul style="list-style-type: none"> • ENV 1010 Natural Disasters (GT-SC2) • BIO 1004 Biology: A Human Approach (GT-SC1) • SCI 1105 Science in Society (GT-SC2) *Verify course/credits with advisor/receiving institution.	3*
HIS 1110	The World: Antiquity–1500 (GT-HI1)	3
HIS 1210	U.S. History to Reconstruction (GT-HI1)	3
GT-AH Elective	Arts & Humanities (choose one – 3 credits*): <ul style="list-style-type: none"> • ART 1110 Art Appreciation (GT-AH1) • HUM 1021 Humanities: Early Civilization (GT-AH2) • HUM 1022 Humanities: Medieval–Modern (GT-AH2) • HUM 1023 Humanities: Modern World (GT-AH2) • LIT 1015 Introduction to Literature (GT-AH2) *Verify with transfer institution.	3*

Semester Total: 12

Semester Four

Course Code	Course Name	Credit Hours
GT-SS Elective	Social Sciences (choose one – 3 credits): <ul style="list-style-type: none"> • PSC 1011 American Government (GT-SS1) • COM 1250 Interpersonal Communication (GT-SS3) • ECO 2001 Principles of Macroeconomics (GT-SS1) • PSY 1001 General Psychology I (GT-SS3) • SOC 1001 Introduction to Sociology I (GT-SS3) 	3
HIS 1120	The World: 1500–Present (GT-HI1)	3
HIS 1220	U.S. History Since the Civil War (GT-HI1)	3
Electives	Select electives totaling 7 credits (check CSU Pueblo Athletic Training pre-reqs). Suggested options include: <ul style="list-style-type: none"> • SPA 2011 Spanish Language III (GT-AH4) • THE 2011 Development of Theatre: Greek–Renaissance (GT-AH1) • THE 2012 Development of Theatre: Restoration to Modern (GT-AH1) 	7

Semester Total: 16

TOTAL CREDITS:

60

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and transfer requirements with a Trinidad State College advisor and the receiving institution each term.

History Transfer Major - Associate of Arts

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	54.0101
Program Banner Code:	Program Banner Code: AA_AA Concentration: DHIS	Total Credits Required:	60
Program Notes:	This plan follows the statewide transfer framework for the Associate of Arts. Students should confirm course selection and sequencing with their advisor and intended transfer institution. For the most current transfer agreement information, visit: https://cdhe.colorado.gov/students/attending-college/credit-transfer/transfer-degrees		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1240	Mathematics for Liberal Arts: GT-MA1	4
HIS 1310	Western Civilization: Antiquity-1650: GT-HI1	3
COM 1150 or COM 1250	Public Speaking OR Interpersonal Communication: GT-SS3	3
AH Elective (Select One)	Arts & Humanities elective (GT-AH1/AH2/AH3/AH4) – select one: ART 1110 Art Appreciation: GT-AH1 ART 1111 Art History Ancient to Medieval: GT-AH1 MUS 1020 Music Appreciation: GT-AH1 PHI 1011 Introduction to Philosophy: GT-AH3 PHI 1012 Ethics: GT-AH3 THE 1005 Theatre Appreciation: GT-AH1	3
Semester Total:		16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
Science (Select One)	Science course (GT-SC1; lab-based) – select one: AST 1110 Planetary Astronomy with Lab: GT-SC1 AST 1120 Stellar Astronomy with Lab: GT-SC1 BIO 1005 Science of Biology with Lab: GT-SC1 BIO 1004 Biology: A Human Approach: GT-SC1 BIO 1111 General College Biology I with Lab: GT-SC1 BIO 2104 Microbiology with Lab: GT-SC1 ENV 1111 Environmental Science with Lab: GT-SC1 GEO 1011 Physical Geography: Landforms with Lab: GT-SC1	4
Social Science (Select One)	Social & Behavioral Sciences elective (GT-SS1/SS2/SS3) – select one: ANT 1001 Cultural Anthropology Lab: GT-SS3 ECO 2002 Principles of Microeconomics: GT-SS1 PSY 1002 General Psychology II: GT-SS3 SOC 1002 Introductory Sociology II: GT-SS3 SOC 2005 Sociology of Family Dynamics: GT-SS3	3

HIS 1320	Western Civilization: 1650-Present: GT-HI1	3
AH Elective (Select One)	Arts & Humanities elective (GT-AH1/AH2/AH3/AH4) – select one: ART 1112 Art History Renaissance to 1900: GT-AH1 MUS 1021 Music History Medieval thru Classical: GT-AH1 MUS 1025 History of Jazz: GT-AH1 LIT 2002 World Literature After 1600: GT-AH2 PHI 1013 Logic: GT-AH3 THE 2012 Development of Theatre Restoration to Modern: GT-AH1	3
Semester Total:		16

Semester Three

Course Code	Course Name	Credit Hours
Science (Select One)	Science course (GT-SC1 or GT-SC2) – select one: ENV 1010 Natural Disasters: GT-SC2 BIO 1004 Biology: A Human Approach: GT-SC1 SCI 1105 Science in Society: GT-SC2	3
HIS 1110	The World: Antiquity-1500: GT-HI1	3
HIS 1210	U.S. History to Reconstruction: GT-HI1	3
AH Elective (Select One)	Arts & Humanities elective (GT-AH) – select one (confirm with transfer institution): ART 1110 Art Appreciation: GT-AH1 HUM 1021 Humanities: Early Civilization: GT-AH2 HUM 1022 Humanities: Medieval-Modern: GT-AH2 HUM 1023 Humanities: Modern World: GT-AH2 LIT 1015 Introduction to Literature I: GT-AH2	3
Semester Total:		12

Semester Four

Course Code	Course Name	Credit Hours
Social Science (Select One)	Social & Behavioral Sciences elective (GT-SS1/SS2/SS3) – select one: PSC 1011 American Government: GT-SS1 COM 1250 Interpersonal Communication: GT-SS3 ECO 2001 Principles of Macroeconomics: GT-SS1 PSY 1001 General Psychology I: GT-SS3 SOC 1001 Introduction to Sociology I: GT-SS3	3
HIS 1120	The World: 1500-Present: GT-HI1	3
HIS 1220	U.S. History Since the Civil War: GT-HI1	3
Electives	Electives (7 credits total) – confirm with transfer institution: SPA 2011 Spanish Language III: GT-AH4 THE 2011 Development of Theatre Greek-Renaissance: GT-AH1 THE 2012 Development of Theatre Restoration to Modern: GT-AH1	7
Semester Total:		16

TOTAL CREDITS: 60

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Human Services Associate of Applied Science

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.1508
Program Banner Code:	AAS_4HSE	Total Credits Required:	61
Program Notes:	Students should work with an advisor to confirm prerequisites, course availability, and appropriate elective choices. GT-SS3 elective options include: PSY 1002, PSY 2221, PSY 2222, PSY 2331, SOC 1002, SOC 2005, SOC 2031.		

Semester One

Course Code	Course Name	Credit Hours
BUS 2017	Business Communications & Report Writing	3
MAT 1240	Mathematics for the Liberal Arts: GT-MA1	4
PSY 1001	General Psychology I: GT-SS3	3
HSE 1006	Survey of Human Services	3
HSE 1007	Interviewing Principles and Practices	3
Semester Total:		16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1015 / ENG 1021 / ENG 1031	Technical English and Communication (ENG 1015) OR English Composition I: GT-CO1 (ENG 1021) OR Technical Writing I: GT-CO1 (ENG 1031)	3
HSE 2005	Human Services for Groups	3
HSE 2006	Human Services for Families	3
HSE 2009	Crisis Theory and Intervention	3
SS Elective (GT-SS3)	Social/Behavioral Sciences elective: GT-SS3 (select from approved options)	3
Semester Total:		15

Semester Three

Course Code	Course Name	Credit Hours
COM 1150 / COM 1250	Public Speaking (COM 1150) OR Interpersonal Communication: GT-SS3 (COM 1250)	3
SOC 1001	Introduction to Sociology I: GT-SS3	3
HSE 1009	Social Issues in Human Services	3
HSE 2007	Community Organization	3
HSE 2026	Case Management for Human Services Practitioners	3
Semester Total:		15

Semester Four

Course Code	Course Name	Credit Hours
HSE 1088	Human Services Practicum I	3
HSE 2015	Introduction to Delinquency & Justice	3
HSE 1030	Introduction to Disabilities	3
SS Elective (GT-SS3)	Social/Behavioral Sciences elective: GT-SS3 (select from approved options)	3
SS Elective (GT-SS3)	Social/Behavioral Sciences elective: GT-SS3 (select from approved options)	3
Semester Total:		15

TOTAL CREDITS: 61

Note: This degree plan is a planning tool. Always confirm prerequisites, elective selections, and scheduling with a Trinidad State College advisor each term.

Human Services Level I Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.1508
Program Banner Code:	HSC1	Total Credits Required:	40
Program Notes:	Some courses may be scheduled in summer terms based on cohort and lab availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
HSE 106	Survey of Human Services	3
HSE 107	Interviewing Principles	3
HSE 205	Human Services for Groups	3
HSE 206	Human Services for Families	3
HSE 209	Crisis Theory and Intervention	3
ENG 131	Technical Writing I (or ENG 115)	3
Semester Total:		18

TOTAL CREDITS: 18

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and sequencing with a Trinidad State College advisor each term. Course credits are based on the Colorado Community College System Common Course Numbering System.

Human Services Level II Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.1508
Program Banner Code:	CER_42LS	Total Credits Required:	18
Program Notes:	Courses are scheduled based on cohort and availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester Three

Course Code	Course Name	Credit Hours
HSE 1009	Social Issues in Human Services	3
HSE 2007	Community Organization	3
HSE 2026	Case Management for Human Services Practitioners	3
Semester Total:		9

Semester Four

Course Code	Course Name	Credit Hours
HSE 1088	Human Services Practicum I	3
HSE 2015	Introduction to Delinquency & Justice	3
HSE 1030	Introduction to Disabilities	3
Semester Total:		9

TOTAL CREDITS: 18

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Law Enforcement Associate of Applied Science

Campus:	Trinidad Alamosa Campus (TAC)	CIP Code:	43.0107
Program Banner Code:	AAS_4LBR	Total Credits Required:	62
Program Notes:	Course availability may vary by campus and term. Students should work with an advisor to confirm prerequisites and sequencing, and to review academy/cohort requirements where applicable. Note: ENG/MAT/COM options above list Colorado CCNS course numbers. MAT GT-MA1 options are typically 4 credits—confirm credit totals with an advisor.		

Note: This degree plan is a planning tool. Always confirm course prerequisites, availability, and sequencing with a Trinidad State College advisor each term.

Semester One

Course Code	Course Name	Credit Hours
LEA 1001	Basic Police Academy I	6
LEA 1005	Basic Law	8
LEA 1006	Arrest Control Techniques	3
Semester Total:		17

Semester Two

Course Code	Course Name	Credit Hours
LEA 1002	Basic Police Academy II (Pre: LEA 1001)	12
LEA 1007	Law Enforcement Driving	3
LEA 1008	Firearms	3
Semester Total:		18

Semester Three

Course Code	Course Name	Credit Hours
ENG 1021 or ENG 1310	Technical English and Communication (Select One) <ul style="list-style-type: none"> • ENG 1021 English Composition I: GT-CO1 • ENG 1310 Technical Writing I: GT-CO1 	3
MAT 1240 / MAT 1350 / MAT 1340	Career Math (Select One) <ul style="list-style-type: none"> • MAT 1240 Mathematics for Liberal Arts: GT-MA1 • MAT 1350 Introduction to Statistics: GT-MA1 • MAT 1340 College Algebra: GT-MA1 	3
HIS (Select One)	<ul style="list-style-type: none"> • HIS 1210 US History to Reconstruction: GT- HI1 • HIS 1220 US History since the Civil War:GT-HI1 • HIS 1110 The World: Antiquity-1500: GT-HI1 • HIS 1120 The World: 1500-Present: GT-HI1 • HIS 1310 Western Civ: Antiquity-1650: GT-HI1 • HIS 1320 Western Civ: 1650-Present: GT-HI1 	3
Elective (Select One)	<ul style="list-style-type: none"> • CRJ 2030 Criminology • CRJ 2057 Victimology • CRJ 1027 Crime Scene Investigation • CRJ 1045 Correctional Process • CRJ 1025 Policing Systems • CRJ 1010 Introduction to Criminal Justice: GT-SS3 	3

Elective (Select One)	<ul style="list-style-type: none"> • CRJ 2057 Victimology • CRJ 1027 Crime Scene Investigation • CRJ 1045 Correctional Process • CRJ 2030 Criminology • CRJ 1025 Policing Systems • CRJ 1010 Introduction to Criminal Justice: GT-SS3 	3
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Semester Total: 15

Semester Four

Course Code	Course Name	Credit Hours
COM 1150 or COM 1250	Communication (Select One) <ul style="list-style-type: none"> • COM 1150 Public Speaking: GT-SS3 • COM 1250 Interpersonal Communication: GT-SS3 	3
Elective (Select One)	<ul style="list-style-type: none"> • CRJ 2057 Victimology • CRJ 1027 Crime Scene Investigation • CRJ 1045 Correctional Process • CRJ 1025 Policing Systems • CRJ 1010 Introduction to Criminal Justice: GT-SS3 • CRJ 2030 Criminology 	3
Elective (Select One)	<ul style="list-style-type: none"> • CRJ 1027 Crime Scene Investigation • CRJ 1045 Correctional Process • CRJ 1025 Policing Systems • CRJ 2057 Victimology • CRJ 1010 Introduction to Criminal Justice: GT-SS3 • CRJ 2030 Criminology 	3
Social/Behavioral Science (Select One)	<ul style="list-style-type: none"> • PSY 1001 Intro to Psychology I: GT-SS3 • PSY 1002 Intro to Psychology II: GT-SS3 • SOC 1001 Introduction to Sociology I: GT-SS3 • PHI 1012 Ethics: GT-AH3 • SOC 1002 Introduction to Sociology II : GT-SS3 	3

Semester Total: 12

TOTAL CREDITS: 62

Law Enforcement Academy Certificate

Campus:	Trinidad Alamosa Campus (TAC)	CIP Code:	43.0107
Program Banner Code:	Program Banner Code: CER_4LJR	Total Credits Required:	35
Program Notes:	Program delivered in a cohort format. Course availability may vary by term. Work with an advisor to confirm prerequisites and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
LEA 1001	Basic Police Academy I	6
LEA 1005	Basic Law	8
LEA 1006	Arrest Control Techniques	3
Semester Total:		17

Semester Two

Course Code	Course Name	Credit Hours
LEA 1002	Basic Police Academy II	12
LEA 1007	Law Enforcement Driving	3
LEA 1008	Firearms	3
Semester Total:		18

TOTAL CREDITS: 35

Electrical Technology Fundamentals Certificate

Campus:	Off Campus	CIP Code:	46.0303
Program Banner Code:	CER ETF	Total Credits Required:	17
Program Notes:	Courses may be scheduled based on cohort and lab availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
EIC 1102	Safety & Industry Certifications	4
EIC 1210	Power Theory & High Voltage Apparatus	3
EIC 1002	Electrical Principles & Applied Calculations	3
EIC 1230	Underground Power Systems	7
Semester Total:		17

TOTAL CREDITS:	17
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Note: This degree plan is a planning tool. Always confirm course prerequisites, sequencing, and scheduling with a Trinidad State College advisor each term.

Rocky Mountain Line Technician Certificate

Campus:	Off Campus	CIP Code:	46.0303
Program Banner Code:	CER_RML1	Total Credits Required:	26
Program Notes:	Some courses may be scheduled in intensive blocks based on cohort, field/lab availability, and instructor scheduling. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
EIC 1102	Safety & Industry Certifications	4
EIC 1210	Power Theory & High Voltage Apparatus	3
EIC 1002	Electrical Principles & Applied Calculations	3
EIC 1230	Underground Power Systems	7
EIC 1231	Overhead Power Systems	9
Semester Total:		26

TOTAL CREDITS: 26

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Power Construction Supervision AAS

Campus:	Off Campus	CIP Code:	46.0303
Program Banner Code:	AAS_PWRS	Total Credits Required:	60
Program Notes:	Includes 45 credits for verified Department of Labor-approved apprenticeship completion (documentation to Registrar; Dean of Instruction pre-approval required). Confirm prerequisites and sequencing with an advisor.		

Semester One

Course Code	Course Name	Credit Hours
	DOL-approved apprenticeship completion (documentation to Registrar; Dean pre-approval required).	45
Semester Total:		45

Semester Two

Course Code	Course Name	Credit Hours
BUS 1015	Introduction to Business	3
COM 1150 or COM 1250	Public Speaking	3
	Interpersonal Communication: GT-SS3	
ENG 1015 or ENG 1021 or ENG 1020	Technical English and Communication	
	English Composition I: GT-CO1	3
	Technical Writing I: GT-CO1	
MAT 1140	Career Math: GT MA1	3
PSY 1001	General Psychology I: GT-SS3	3
Semester Total:		15

TOTAL CREDITS: 60

Associate of Science in Mathematics – Transfer Major

Campus:	Trinidad Main Campus (TMC)	CIP Code:	27.0101
Program Banner Code:	AS_AS • Concentration: DMAT	Total Credits Required:	60
Program Notes:	Transfer Major: Associate of Science in Mathematics. Students should work with an advisor to confirm prerequisites and sequencing. Some courses may be scheduled in summer terms based on cohort and lab availability.		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 2410	Calculus I: GT-MA1	5
CSC 1060	Computer Science I: (Language)	4
SS Elective (GT-SS)	Select one: <ul style="list-style-type: none"> • ANT 1001 Cultural Anthropology Lab: GT-SS3 • ECO 2001 Principles of Macroeconomics: GT-SS1 • ECO 2002 Principles of Microeconomics: GT-SS1 • PSC 2020 Introduction to Political Science: GT-SS1 • SOC 1001 Introduction to Sociology: GT-SS3 • PSC 1011 American Government: GT-SS1 • GEO 1005 World Regional Geography: GT-SS2 	3
Semester Total:		15

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
MAT 2420	Calculus II: GT-MA1	5
AH Elective (GT-AH)	Select one: <ul style="list-style-type: none"> • ART 1110 Art Appreciation: GT-AH1 • HUM 1021 Humanities: Early Civilization: GT-AH2 • MUS 1020 Music Appreciation: GT-AH1 • PHI 1012 Ethics: GT-AH3 • PHI 1013 Logic: GT-AH3 • THE 1005 Theatre Appreciation: GT-AH1 	3
COM 1150 / COM 1250	Public Speaking Interpersonal Communication: GT-SS3	3
Semester Total:		14

Semester Three

Course Code	Course Name	Credit Hours
MAT 2430 / MAT 2431	Calculus III: GT-MA1 Calculus III w/Engineering Applications: GT-MA1*	4-5
PHY 2111	Physics: Calculus-Based I with Lab: GT-SC1	5

AH Elective (GT-AH)	Select one: <ul style="list-style-type: none"> • ART 1111 Art History Ancient to Medieval GT-AH1 • HUM 1022 Humanities: Medieval-Modern: GT-AH2 • HUM 1023 Humanities: Modern World: GT-AH2 • MUS 1025 History of Jazz: GT-AH1 • PHI 1014 Comparative Religions: GT-AH3 • THE 2012 Development of Theatre Restoration to Modern: GT-AH1 	3
SS Elective (GT-SS)	Select one: <ul style="list-style-type: none"> • COM 1250 Interpersonal Communication: GT-SS3 • CRJ 1010 Introduction to Criminal Justice: GT-SS3 • PSY 1001 General Psychology I: GT-SS3 • PSY 1002 General Psychology II : GT-SS3 • SOC 1001 Introduction to Sociology I : GT-SS3 • SOC 1002 Introductory to Sociology II: GT-SS3 	3

Semester Total: 16

Semester Four

Course Code	Course Name	Credit Hours
History (GT-HI1)	Select one: <ul style="list-style-type: none"> • HIS 1310 Western Civilization:Antiquity-1650: GT-HI1 • HIS 1320 Western Civilization: 1650-Present: GT-HI1 • HIS 1110 The World: Antiquity-1500: GT-HI1 • HIS 1120 The World: 1500-Present: GT-HI1 • HIS 1210 US History to Reconstruction: GT- HI1 • HIS 1220 US History since the Civil War:GT-HI1 	3
PHY 2112	Physics: Calculus-Based II with Lab: GT-SC1	5
AH Elective (GT-AH)	Select one: <ul style="list-style-type: none"> • ART 1112 Art History Renaissance to 1900: GT-AH1 • LIT 2012 American Literature After Civil War: GT-AH2 • MUS 1025 History of Jazz: GT-AH1 • PHI 1011 Intro to Philosophy: GT-AH3 • PHI 1013 Logic: GT-AH3 • THE 1005 Theatre Appreciation: GT-AH1 	3
Elective	Select one: <ul style="list-style-type: none"> • MAT 1440 Pre-Calculus: GT-MA1 • BIO 1111 General College Biology I with Lab: GT-SC1 • BIO 1112 General College Biology II with Lab: GT-SC1 • CHE 1011 Introduction to Chemistry I with Lab: GT-SC1 • CHE 1012 Introduction to Chemistry II with Lab: GT-SC1 • CHE 1111 General College Chemistry I with Lab: GT-SC1 	4-5

Semester Total: 15

TOTAL CREDITS: 60

Note: This degree plan is a planning tool. Always confirm course requirements, prerequisites, and scheduling with a Trinidad State College advisor each term.

Transfer Note: Consult the Colorado Department of Higher Education Transfer Degrees resources and your receiving institution for the most current articulation information

Medical Assistant Professional Associate of Applied Science

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.0711
Program Banner Code:	AAS_4PAM	Total Credits Required:	60
Program Notes:	Program electives must total 8 credits. Students should work with an advisor to confirm prerequisites, clinical requirements, and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
ENG 1015 / ENG 1021 / ENG 1031	Technical English and Communication or English Composition I (GT-CO1) or Technical Writing I (GT-CO1)	3
COM 1150 / COM 1250	Public Speaking or Interpersonal Communication	3
MAT 1140 / MAT 1240 / MAT 1340	Career Math or Higher	3
GT Pathways Elective	Select one (3 credits): <ul style="list-style-type: none"> • ART 1110 Art Appreciation (GT-AH1) • HUM 1021 Humanities: Early Civilization (GT-AH2) • SOC 1001 Intro Sociology I (GT-SS3) • SOC 1002 Intro Sociology II (GT-SS3) • PSY 1001 General Psychology I (GT-SS3) • BIO 2101 A&P I w/Lab (GT-SC1) • NUA 1001 Nurse Aide Health Care Skills • PSY 2222 Psych of Death & Dying (GT-SS3) 	3
Program Elective	Choose 3 credits: <ul style="list-style-type: none"> • PSY 2552 Abnormal Psychology (GT-SS3) • SOC 1001 Intro Sociology I (GT-SS3) • BIO 2104 Microbiology w/Lab (GT-SC1) • HWE 1050 Human Nutrition 	3
Semester Total:		15

Semester Two

Course Code	Course Name	Credit Hours
BIO 1006	Basic Anatomy and Physiology	4
CIS 1018	Complete PC Applications	3
HPR 1039	Medical Terminology	2

GT Pathways Elective	Select one (3 credits): <ul style="list-style-type: none"> • ART 1110 Art Appreciation (GT-AH1) • HUM 1021 Humanities: Early Civilization (GT-AH2) • SOC 1001 Intro Sociology I (GT-SS3) • SOC 1002 Intro Sociology II (GT-SS3) • PSY 1001 General Psychology I (GT-SS3) • BIO 2101 A&P I w/Lab (GT-SC1) • PSY 2441 Child Development (GT-SS3) • PSY 2222 Psych of Death & Dying (GT-SS3) 	3
Program Elective	Choose 3–4 credits: <ul style="list-style-type: none"> • HPR 1017 Anatomical Kinesiology • SOC 1002 Intro Sociology II (GT-SS3) • BIO 2102 A&P II w/Lab (GT-SC1) • BIO 2104 Microbiology w/Lab (GT-SC1) • PSY 2552 Abnormal Psychology (GT-SS3) 	3-4

Semester Total: 15

Semester Three

Course Code	Course Name	Credit Hours
HPR 1036	Human Diseases	4
MAP 1010	Medical Office Administration	4
MAP 1020	Medical Office Financial Management	4
MAP 2040	Medical Assisting Clinical Skills	4
Semester Total:		16

Semester Four

Course Code	Course Name	Credit Hours
MAP 2038	Medical Assistant Laboratory	4
MAP 1050	Pharmacology for Medical Assistants	3
MAP 2069	Review for Medical Assistant National Exam	1
MAP 1083	Medical Assistant Internship	4
Program Elective	Choose 3–4 credits: <ul style="list-style-type: none"> • NUA 1001 Nurse Aide Health Care Skills • PSY 2222 Psych of Death & Dying (GT-SS3) • PSY 2552 Abnormal Psychology (GT-SS3) • SOC 1002 Intro Sociology II (GT-SS3) • BIO 2102 A&P II w/Lab (GT-SC1) • BIO 2104 Microbiology w/Lab (GT-SC1) • HWE 1050 Human Nutrition 	3-4
Semester Total:		15

TOTAL CREDITS: 60

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Medical Assistant Professional Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.0711
Program Banner Code:	CER_MDA1	Total Credits Required:	37
Program Notes:	Confirm sequencing with an advisor.		

Semester One

Course Code	Course Name	Credit Hours
BIO 1006	Basic Anatomy and Physiology	4
CIS 1018	Complete PC Applications	3
HPR 1039	Medical Terminology	2
MAP 1010	Medical Office Administration	4
MAP 1020	Medical Office Financial Management	4
MAP 2040	Medical Assisting Clinical Skills	4
Semester Total:		21

Semester Two

Course Code	Course Name	Credit Hours
HPR 1036	Human Diseases	4
MAP 2038	Medical Assistant Laboratory	4
MAP 1050	Pharmacology for Medical Assistants	3
MAP 2069	Review for Medical Assistant National Exam	1
Semester Total:		12

Semester Three

Course Code	Course Name	Credit Hours
MAP 1083	Medical Assistant Internship	4
Semester Total:		4

TOTAL CREDITS: 37

Nail Technician Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	12.0401
Program Banner Code:	Program Banner Code: CER_4NAT	Total Credits Required:	20
Program Notes:	Some courses may be scheduled in summer terms based on cohort and lab availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Course Code	Course Name	Credit Hours
COS 1050	Laws, Rules, and Regulations	1
COS 1060	Introduction to Infection Control and Prevention	2
COS 1061	Intermediate I: Infection Control and Prevention	1
NAT 1010	Introduction to Nail Care	3
NAT 1011	Intermediate I Nail Care	2
Semester Total:		9

Semester Two

Course Code	Course Name	Credit Hours
COS 2050	Business Management / Personal Skills / Ethics (Summer)	1
COS 2060	Intermediate II: Infection Control and Prevention	2
COS 2061	Advanced Infection Control and Prevention	1
NAT 2010	Advanced Nail Care	2
NAT 2011	Application of Nail Enhancements	5
Semester Total:		11

TOTAL CREDITS: 20

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Nurse Aide Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.3902
Program Banner Code:	CER_4NR3	Total Credits Required:	5
Program Notes:	Must pay for background check, drug screen, immunization, in addition to the cost of the class		

Semester One

Course Code	Course Name	Credit Hours
NUA 1001	Nurse Aide Health Care Skills	4
NUA 1070	Nurse Aide Clinical	1
Semester Total:		5

TOTAL CREDITS: 5

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Nursing Associate of Applied Science (AAS)

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.3801
Program Banner Code:	AAS_NR1	Total Credits Required:	64.5
Program Notes:	Semester One courses (11 credits) are required prior to admission. BIO 2116 Pathophysiology may be replaced by approved coursework with a NUR prefix. Semester Five elective: PSY 1001 or SOC 1001 (GT-SS3).		

Semester One (AGS Prerequisites)

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
BIO 2101	Human Anatomy and Physiology I with Lab: GT-SC1	4
PSY 2440	Human Growth and Development: GT-SS3	3
HPR 1010	Dietary Nutrition	1
Semester Total:		11

Semester Two

Course Code	Course Name	Credit Hours
BIO 2102	Human Anatomy and Physiology II with Lab: GT-SC1	4
NUR 1009	Fundamentals of Nursing	6
NUR 1012	Basics of Pharmacology	2
Semester Total:		12

Semester Three

Course Code	Course Name	Credit Hours
BIO 2116	Human Pathophysiology*	4
NUR 1006	Medical Surgical Nursing Concepts	7
NUR 1050	Maternal-Child Nursing	6
Semester Total:		17

Semester Four

Course Code	Course Name	Credit Hours
NUR 2006	Advanced Concepts of Medical-Surgical Nursing I	6.5
NUR 2011	Psychiatric-Mental Health Nursing	4
NUR 2012	Pharmacology II	2
Semester Total:		12.5

Semester Five

Course Code	Course Name	Credit Hours
NUR 2016	Advanced Concepts of Medical Surgical Nursing II	5
NUR 2030	Transition to Professional Nursing Practice	4
Elective	Select One: PSY 1001 General Psychology I (GT-SS3) OR SOC 1001 Introduction to Sociology I (GT-SS3)	3
Semester Total:		12

TOTAL CREDITS:	64.5
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Note: This degree plan is a planning tool. Semester One courses are required prior to admission to the Nursing AAS program. Always confirm admission requirements, prerequisites, and course scheduling with a Trinidad State College advisor each term. *Or approved coursework with NUR prefix.

Practical Nurse to Associate of Applied Science Degree Option

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.3801
Program Banner Code:	AAS_NRII	Total Credits Required:	27.5
Program Notes:	This option is conditional based upon students transferring Level I credits and prerequisites from a regionally accredited institution with appropriate coursework. Students should work with an advisor to confirm prerequisites, sequencing, and term availability.		

Semester One

Course Code	Course Name	Credit Hours
NUR 2002	Transition from LPN to ADN (Spring only)	3
Semester Total:		3

Semester Two

Course Code	Course Name	Credit Hours
NUR 2006	Advanced Concepts of Medical Surgical Nursing I	6.5
NUR 2011	Nursing Care of Psychiatric Clients	4
NUR 2012	Pharmacology II	2
Semester Total:		12.5

Semester Three

Course Code	Course Name	Credit Hours
NUR 2016	Advanced Concepts of Medical Surgical Nursing II	5
NUR 2030	Transition to Professional Nursing Practice	4
Elective	Select one: PSY 1001 General Psychology I (GT-SS3) OR SOC 1001 Introduction to Sociology I (GT-SS3)	3

TOTAL CREDITS: 27.5

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Practical Nurse (PN) Certificate – Exit Option

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.3901
Program Banner Code:	CER_4NR1	Total Credits Required:	40
Program Notes:	11 credits required prior to program admittance.		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I (GT-CO1)	3
BIO 2101	Human A&P I w/Lab (GT-SC1)	4
PSY 2440	Human Growth & Development (GT-SS3)	3
HPR 1010	Dietary Nutrition	1
Semester Total:		11

Semester Two

Course Code	Course Name	Credit Hours
BIO 2102	Human A&P II w/Lab (GT-SC1)	4
NUR 1009	Fundamentals of Nursing	6
NUR 1012	Basics of Pharmacology	2
Semester Total:		12

Semester Three

Course Code	Course Name	Credit Hours
NUR 1006	Med-Surg Nursing Concepts	7
NUR 1050	Maternal-Child Nursing	6
Semester Total:		13

Semester Four

Course Code	Course Name	Credit Hours
NUR 1069**	Transition to Practical Nursing	3
Semester Total:		3

TOTAL CREDITS: 40

Bachelor of Science in Nursing

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.3801
Program Banner Code:	Program Banner Code: T_BS_BS BBSN	Total Credits Required:	120
Program Notes:	General Education: 47 credits; Associate of Nursing coursework: 42.5 credits; BSN core: 30.5 credits. Total BSN degree requirements: 120 credits.		

General Education

Course Code	Course Name	Credit Hours
AH1, AH2, AH3, AH4 (additional GT courses available)	ART 1110 Art Appreciation: GT-AH1	3
BIO 2101	BIO 2101 Human Anatomy and Physiology I with Lab: GT-SC1	4
BIO 2102	BIO 2102 Human Anatomy and Physiology II with Lab: GT-SC1	4
BIO 2116	BIO 2116 Human Pathophysiology	4
ENG 1021	ENG 1021 English Composition I: GT-CO1	3
ENG 1022	ENG 1022 English Composition II: GT-CO2	3
HI1 (additional GT courses available)	HIS 1310 Western Civilization: Antiquity-1650: GT-HII	3
HWE 1050	HWE 1050 Human Nutrition	3
MAT 1260	MAT 1260 Introduction to Statistics: GT-MA1	3
AH1, AH2, AH3, AH4 (additional GT courses available)	PSY 1001 General Psychology I: SS3	3
PSY 2440	PSY 2440 Human Growth and Development: GT-SS3	3
SS1, SS2, SS3 (additional Gt courses available)	SOC 1001 Introduction to Sociology I: SS3	3
Electives	Higher level Science courses preferred	8
Semester Total:		47

Level I & II Nursing Courses (Associate of Nursing)

Course Code	Course Name	Credit Hours
NUR 1006	Medical Surgical Nursing Concepts	7
NUR 1009	Fundamentals of Nursing	6
NUR 1012	Basic Concepts of Pharmacology	2
NUR 1050	Maternal-Child Nursing	6
NUR 2006	Advanced Concepts of Medical-Surgical Nursing I	6.5
NUR 2011	Psychiatric-Mental Health Nursing	4
NUR 2012	Pharmacology II	2
NUR 2016	Advanced Concepts of Medical Surgical Nursing II	5
NUR 2030	Transition to Professional Nursing Practice	4
Semester Total:		42.5

BSN Core Coursework - Semester One

Course Code	Course Name	Credit Hours
NUR 3001	Integration into Baccalaureate Nursing Practice	3
NUR 3002	Trends in Nursing Practice	3
Semester Total:		6

BSN Core Coursework - Semester Two

Course Code	Course Name	Credit Hours
NUR 3003	Nursing Research/Evidence Based Practice	3
BSN Nursing Elective	NUR 3004 Informatics/Healthcare Technology	
BSN Nursing Elective	NUR 3005 Emergency Preparedness	6
BSN Nursing Elective	NUR 3006 Gerontology	
BSN Nursing Elective	NUR 3007 Behavioral Health	
Semester Total:		9

BSN Core Coursework - Semester Three

Course Code	Course Name	Credit Hours
NUR 4008	Legal and Ethical Issues Related to Professional Nursing Practice	3
NUR 4009	Leadership in the Nursing Profession	3.5
Semester Total:		6.5

BSN Core Coursework - Semester Four

Course Code	Course Name	Credit Hours
NUR 4010	Community Health Nursing/Practicum	6
NUR 4011	Senior Seminar	3
Semester Total:		9

TOTAL CREDITS: 120

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Paramedic Associate of Applied Science Degree

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.0904
Program Banner Code:	AAS_PAME	Total Credits Required:	62
Program Notes:	Some courses may be scheduled in summer terms based on cohort and clinical availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Requirement	Course Code	Course Name	Credit Hours
English (Choose One)	ENG 1015	Technical English and Communication	
	ENG 1021	English Composition I: GT-CO1	3
	ENG 1020	Technical Writing I: GT-CO1	
Mathematics (Choose One)	MAT 1140	Career Math	
	MAT 1240	Mathematics for Liberal Arts: GT-MA1	3
	MAT 1260 or MAT 1340	Introduction to Statistics: GT-MA1 College Algebra: GT-MA1	
Biology (Choose One)	BIO 1006	Basic Anatomy and Physiology	
	BIO 2101	Human Anatomy and Physiology I with Lab: GT-SC1	4
	BIO 2102	Human Anatomy and Physiology II with Lab: GT-SC1	
Elective (Choose One)	COM 1150	Public Speaking	
	COM 1250	Interpersonal Communication: GT-SS3	
	PSY 1001	General Psychology I: GT-SS3	3
	PSY 2440	Human Growth and Development: GT-SS3	
	PSY 2222	Psychology of Death and Dying: GT-SS3	
Semester Total:			13

Semester Two

	Course Code	Course Name	Credit Hours
	EMS 2025	Fundamentals of Paramedic Practice	3
	EMS 2026	Fundamentals of Paramedic Practice - Lab	2
	EMS 2029	Paramedic Pharmacology	3
	EMS 2030	Paramedic Pharmacology Lab	2
	EMS 2033	Paramedic Medical Emergencies	4
	EMS 2034	Paramedic Medical Emergencies Lab	1
Biology (Choose One)	BIO 1006	Basic Anatomy and Physiology	
	BIO 2101	Human Anatomy and Physiology I with Lab: GT-SC1	4
	BIO 2102	Human Anatomy and Physiology II with Lab: GT-SC1	
Semester Total:			19

Semester Three

Course Code	Course Name	Credit Hours
EMS 2031	Paramedic Cardiology	5
EMS 2032	Paramedic Cardiology Lab	1
EMS 2035	Paramedic Trauma Emergencies	4
EMS 2036	Trauma Emergencies Lab	1
EMS 2027	Paramedic Special Considerations	3
EMS 2028	Special Considerations Lab	2
Semester Total:		16

Semester Four

Course Code	Course Name	Credit Hours
EMS 2037	Paramedic Internship Preparatory	2
EMS 2080	Internship I: Paramedic	6
EMS 2081	Paramedic Internship II	6
Semester Total:		14

TOTAL CREDITS: 62

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Paramedic Certificate

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	51.0904
Program Banner Code:	CER_PAMD	Total Credits Required:	49
Program Notes:	Some courses may be scheduled in summer terms based on cohort and clinical availability. Students should work with an advisor to confirm prerequisites and sequencing.		

Semester One

Requirement	Course Code	Course Name	Credit Hours
Biology (Choose One) Required Prior to Admission	BIO 1006	Basic Anatomy and Physiology	
	BIO 2101	Human Anatomy and Physiology I with Lab: GT-SC1	4
	BIO 2102	Human Anatomy and Physiology II with Lab: GT-SC1	
	EMS 2025	Fundamentals of Paramedic Practice	3
	EMS 2026	Fundamentals of Paramedic Practice - Lab	2
	EMS 2029	Paramedic Pharmacology	3
	EMS 2030	Paramedic Pharmacology Lab	2
	EMS 2033	Paramedic Medical Emergencies	4
	EMS 2034	Paramedic Medical Emergencies Lab	1
	Semester Total:		

Semester Two

Course Code	Course Name	Credit Hours
EMS 2031	Paramedic Cardiology	5
EMS 2032	Paramedic Cardiology Lab	1
EMS 2035	Paramedic Trauma Emergencies	4
EMS 2036	Trauma Emergencies Lab	1
EMS 2027	Paramedic Special Considerations	3
EMS 2028	Special Considerations Lab	2
Semester Total:		16

Semester Three

Course Code	Course Name	Credit Hours
EMS 2037	Paramedic Internship Preparatory	2
EMS 2080	Internship I: Paramedic	6
EMS 2081	Paramedic Internship II	6
Semester Total:		14

TOTAL CREDITS:

49

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Physics Transfer Major - Associate of Science

Campus:	Trinidad Main Campus (TMC)	CIP Code:	40.0801
Program Banner Code:	AS_AS (Conc: DPHY)	Total Credits Required:	60
Program Notes:	Concentration: DPHY. Some courses marked with an asterisk (*) may be required by transfer institutions. If not required, students may take other appropriate coursework to reach 60 credits for the major. For the most current information on statewide transfer agreements, consult the CDHE Transfer Degrees resources.		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 2410	Calculus I: GT-MA1 (Pre/Co-Req: Algebra & pre Cal)	5
CHE 1111	General College Chemistry I with Lab: GT-SC1	5
PHY 2111	Physics: Calculus-Based I with Lab: GT-SC1	5
Semester Total:		18

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
MAT 2420	Calculus II: GT-MA1 (Pre/Co-Req: MAT 2410)	5
CSC 1060 or CHE 1112*	Computer Science I: (Language) OR General College Chemistry II with Lab: GT-SC1	4-5
PHY 2112	Physics: Calculus-Based II with Lab: GT-SC1	5
Semester Total:		17

Semester Three

Course Code	Course Name	Credit Hours
MAT 2430* or MAT 2431*	Calculus III: GT-MA1 OR Calculus III with Engineering Applications: GT-MA1 (Pre/Co-Req: MAT 2420)	4-5
Arts & Humanities Elective GT-AH (Select One)	ART 1111 Art History Ancient to Medieval GT-AH1	3
	HUM 1022 Humanities: Medieval-Modern: GT-AH2	
	HUM 1023 Humanities: Modern World: GT-AH2	
	LIT 1015 Introduction to Literature I: GT-AH2	
	LIT 2001 World Literature to 1600: GT-AH2	
	MUS 1020 Music Appreciation: GT-AH1	
	MUS 1021 Music History Medieval thru Classical: GT-AH1; MUS 1022 Music History Early Romantic Period to the Present: GT-AH1	
	MUS 1025 History of Jazz: GT-AH1	
	PHI 1011 Intro to Philosophy: GT-AH3	
	PHI 1012 Ethics: GT-AH3	
PHI 1013 Logic: GT-AH3		

**Social & Behavioral
Science-GT-SS
(Select One)**

ECO 2001 Principles of Macroeconomics: GT-SS1
 ECO 2002 Principles of Microeconomics: GT-SS1
 PSC 2020 Introduction to Political Science: GT-SS1
 PSC 1011 American Government: GT-SS1
 GEO 1005 World Regional Geography: GT-SS2
 PSY 1001 General Psychology I: GT-SS3

3

Semester Total:

13-14

Semester Four

Course Code	Course Name	Credit Hours
MAT 2560*	Differential Equations: GT-MA1	3
PHY 2113*	Physics III: Calculus-Based Modern Physics	3
History GT-HI (Select One)	HIS 1310 Western Civilization:Antiquity-1650: GT-HI1	
	HIS 1320 Western Civilization: 1650-Present: GT-HI1	
	HIS 1110 The World: Antiquity-1500: GT-HI1	
	HIS 1120 The World: 1500-Present: GT-HI1	3
	HIS 1210 US History to Reconstruction: GT- HI1	
	HIS 1220 US History since the Civil War:GT-HI1	
GT-AH (Select One)	Arts & Humanities elective (select one; confirm with transfer institution) Options include: Select one option; ART 1110 Art Appreciation: GT-AH1; HUM 1021 Humanities: Early Civilization: GT-AH2; SPA 2011 Spanish Language III: GT-AH4; SPA 2012 Spanish Language IV: GT-AH4; THE 1005 Theatre Appreciation: GT-AH1; THE 2012 Development of Theatre Restoration to Modern: GT-AH1	3
	Semester Total:	12
TOTAL CREDITS:		60

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

**COLORADO SCHOOL OF MINES****PRE-ENGINEERING TRANSFER AGREEMENT FOR COMMUNITY COLLEGE STUDENTS****Contact Information:**

<http://inside.mines.edu/Transfer-Student-Information>

registrar@mlnes.edu

303-273-3200

This agreement is designed for Colorado community college students planning to transfer to Colorado School of Mines for a bachelor's degree with a major in an engineering discipline. This agreement identifies community college courses that will apply to the baccalaureate degree.

If you plan to complete an engineering bachelor's degree, recognize that:

1. You should transfer into the bachelor's program after you take the required courses outlined below. Transfer hours beyond the credits below are not guaranteed to apply toward the engineering degree.
2. It is imperative that you contact an engineering advisor at the 4-year institution by the end of the first semester to clarify course work appropriate for your intended engineering major and to identify the community college courses and GPA necessary to meet the competitive admission requirements.
3. If your Colorado community college has an agreement with the 4-year institution, follow that agreement rather than this one.

Mathematics Skills: For community college students with strong math skills, it is usually better to transfer to Colorado School of Mines after completion of the Calculus courses below. Students who are not ready for Calculus I should consider working toward the associate degree while working with both 2-yr and 4-yr advisors on the selection of courses appropriate for transfer into an engineering program. Completion of the [GT Pathways general education curriculum](#) will enhance transferability should the student switch from an engineering track to a liberal arts track.

Transfer Recommendations: A bachelor's degree in engineering is a demanding and prescribed curriculum that may take 6-8 semesters of coursework independent of the credit hours transferred from the community college. Transfer students should carefully review admission standards and guidelines, which are online at <http://www.mines.edu/UndergraduateTransfer>. Always consult an academic advisor at your community college AND at Colorado School of Mines.

Students who wish to continue their education at the community college beyond the number of credits in the pre-engineering program below should explore with both 2-yr and 4-yr advisors how their graduation timeline, COF stipend, and financial aid will be affected. Courses not listed in this document are evaluated by the Mines Registrar's Office and faculty from the relevant academic department(s) on a course-by-course basis. Credit will be granted where the course is judged to be the equivalent of an analogous Mines course. Certain courses that are granted transfer credit may not be directly applicable for meeting Mines departmental degree requirements and may be transferred as free elective credit.

Guarantees and Limitations: Students who successfully complete (minimum C grade) the prescribed pre-engineering curriculum:

- are eligible to apply for admission at Colorado School of Mines
- are responsible for meeting all admission requirements at CSM
- are not guaranteed admission at Colorado School of Mines
- are guaranteed, once admitted, application of the transfer hours below to either lower division general education, course work required for the engineering major, or free elective credit up to a maximum of 9 credit hours.
- must consult with the 4-year institution's engineering program to utilize AP or 18 credits. CSM does not accept CLEP or DSST credits.

- must consult with Colorado School of Mines' Registrar's Office for course work credits not listed below, as courses are major specific and Colorado School of Mines may restrict the number of community college transfer credits that apply to the degree.

Please note that this curriculum neither fulfills the GT Pathways general education curriculum nor the associate degree requirements at the community college.

Required Courses Applicable to Engineering Majors			30-31
General Education Knowledge Area	Credit Hours	Community College (CCCS) Course No.	Course Title and gtPathways Category
Art & Humanities, History <i>Qr</i> Social & Behavioral Science	6		Up to 6 hours of 200-level GT-H11 , GT-AH1 , GT-AH2 , GT-AH3 <i>Qr</i> GT-5S1 , GT-SS2 , or GT-8S3 and 100-level courses World Language courses will fulfill mid-level humanities and social sciences requirements at Mines. Students should contact a Mines advisor and refer to the <i>Catalog</i> information at https://catalog.mines.edu to obtain information regarding course transfer.
Natural & Physical Sciences	5	PHY 211	Physics: Calculus-based I (GT-SC1)
	5	CHE 111	General College Chemistry I with Lab (GT-SC1)
Mathematics	5	MAT 201	Calculus I (GT-MA1)
Mathematics - Calculus 11*	5	MAT 202	Calculus II (GT-MA1)
Mathematics - Calculus III**	4	MAT 203	Calculus III (GT-MA1)
	5	<i>Qr</i> MAT 204 (PREFERRED)	Calculus III with Engineering Applications (GT-MA1)
Mathematics - Differential Equations	4	MAT261	Differential Equations with Engineering Applications (GT-MA1)
	4	<i>Qr</i> MAT265	Differential Equations (GT-MA1)
<p>*Students are strongly encouraged to complete the Calculus II and III sequence at the same institution. Due to the unique nature of the Calculus curriculum at the Colorado School of Mines, transfer credit for Calculus II and III will only be granted if both courses have been successfully completed prior to transfer and provided that the Calculus III course being transferred is equivalent in content to CSM's <i>MATH 213: Calculus for Scientists and Engineers</i> III. Should it be necessary, CSM has created short-form courses to bridge from the highest-level Calculus course being transferred to the CSM curriculum. These courses are designed to have a minimal impact on transfer students while ensuring that they have the same foundation as all CSM undergraduates.</p>			

Elective Courses**0-30**

Elective courses must be selected in consultation with the engineering advising office at Mines to verify they will transfer and apply to the student's chosen major requirements. Community college students are advised not to break up course sequences. For example, In majors that require both PHY 211 and PHY 212 or **MAT 201** and MAT 202 student should complete the sequences at the community college before transferring.

Laboratory Science	5	BIO111	General College Biology I with Lab (GT-SC1)
	5	BIO 112	General College Biology II with Lab (GT-SC1)
	5	CHE 112	General College Chemistry II with Lab (GT-SC1)*
	4	GEY 111	Physical Geology with Lab*
	5	PHY 212	Physics: Calculus-based II (GT-SC1)*
Computer Science	4	CSC 160	Computer Science I (Language)
	4	CSC 161	Computer Science II (Language)
Computer Aided Drafting (Free Elective only)	3	CAD 101	Computer Aided Drafting I
	3	CAD 102	Computer Aided Drafting II
	3	CAD 201	CAD/Custom
	3	CAD 202	Computer Aided Drafting/3D
Public Speaking	3	COM 115	Public Speaking (Free Elective Only)

*These courses count as required distributed science courses for some majors. Please consult the Mines *catalog* (<http://catalog.mines.edu/>) or an advisor at Mines for additional information.

If there is disagreement regarding the transferability of credits for coursework or a degree between a student and a receiving two-year or four-year Institution, students may file a complaint at <http://higher.ed.colorado.gov/Academics/Complaints/default.htm>

Colorado School of Mines Pre-Engineering Transfer Agreement
January 10, 2018

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Psychology Transfer Major - Associate of Science

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	42.0101
Program Banner Code:	AS_AS (Concentration: DSPY)	Total Credits Required:	60
Program Notes:	Statewide Transfer Articulation Agreement toward a Bachelor's degree at Colorado public four-year institutions. Check requirements of the intended transfer institution.		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1340	College Algebra: GT-MA1	4
PSY 1001	General Psychology I: GT-SS3	3
HI1	HIS 1310 Western Civilization:Antiquity-1650: GT-HI1	3
	HIS 1320 Western Civilization: 1650-Present: GT-HI1	
	HIS 1110 The World: Antiquity-1500: GT-HI1	
	HIS 1120 The World: 1500-Present: GT-HI1	
	HIS 1210 US History to Reconstruction: GT- HI1	
	HIS 1220 US History since the Civil War:GT-HI1	
SS1, SS2, SS3	ECO 2001 Principles of Macroeconomics: GT-SS1	3
	PSC 1011 American Government: GT-SS1	
	GEO 1005 World Regional Geography: GT-SS2	
	SOC 2005 Soc Of Family Dynamics: GT-SS3	
	SOC 2031 Sociology-Deviant Behavior: SS3	
	SOC 1001 Introduction to Sociology I : GT-SS3	
Semester Total:		16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
PSY 1002	General Psychology II: GT-SS3	3
SS1, SS2, SS3	ECO 2001 Principles of Macroeconomics: GT-SS1	3
	ECO 2002 Principles of Microeconomics: GT-SS1	
	SOC 1002 Intro to Sociology II: GT-SS3	
	PSC 1011 American Government: GT-SS1	
	ANT 1001 Cultural Anthropology: GT-SS3	
	GEO 1005 World Regional Geography: GT-SS2	
AH1, AH2	ART 1111 Art History Ancient to Medieval GT-AH1	3
	HUM 1022 Humanities: Medieval-Modern: GT-AH2	
	THE 1005 Theatre Appreciation: GT-AH1	
	LIT 1015 Introduction to Literature I: GT-AH2	
	LIT 2001 World Literature to 1600: GT-AH2	
	MUS 1020 Music Appreciation: GT-AH1	
AH3, AH4	PHI 1014 Philosophy of Religion: AH3	3
	PHI 1042 New Testament: AH3	
	SPA 2011:Spanish Lang III	
	PHI 2005 Business Ethics: AH3	
	PHI 1013 Logic: GT-AH3	
	THE 2012 Development of Theatre Restoration to Modern: GT-AH1	
Semester Total:		15

Semester Three

Course Code	Course Name	Credit Hours
BIO 1111	General College Biology I with Lab: GT-SC1	5
PSY 2221	PSY 2221 Social Psychology: GT-SS3	3
Elective	PSY 2222 Psychology of Death and Dying: GT-SS3	3
	PSY 2331 Positive Psychology-GT: SS3	
	PSY 2440 Human Growth and Development: GT-SS3	
	PSY 2441 Child Development: GT-SS3	
	PSY 2552 Abnormal Psychology: GT-SS3	
Elective	PSY 2222 Psychology of Death and Dying: GT-SS3	3*
	PSY 2331 Positive Psychology-GT: SS3	
	PSY 2440 Human Growth and Development: GT-SS3	
	PSY 2441 Child Development: GT-SS3	
	PSY 2552 Abnormal Psychology: GT-SS3	
	Semester Total:	14

Semester Four

Course Code	Course Name	Credit Hours
BIO 1112	General College Biology II w/lab	5
Elective	PSY 2222 Psychology of Death and Dying: GT-SS3	3*
	PSY 2331 Positive Psychology-GT: SS3	
	PSY 2440 Human Growth and Development: GT-SS3	
	PSY 2441 Child Development: GT-SS3	
	PSY 2552 Abnormal Psychology: GT-SS3	
COM 115 or 125	Public Speaking; Interpersonal Communication: GT-SS3	3
Elective	BIO 1005 Science of Biology with Lab: GT-SC1	4*
	BIO 2120 General Zoology w/lab: GT SC1	
	BIO 2121 Botany w/lab: GT SC1	
	PHY 1111: Physics Alg-Based I w/lab: GT SC1	
	CHE 1111 Gen College chem I with Lab: GT-SC1	
	CHE 1011 Introduction to Chemistry I with Lab: GT-SC1	
	Semester Total:	15

TOTAL CREDITS:	60
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Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Psychology Transfer Major - Associate of Arts

Campus:	Trinidad Main Campus (TMC) • Trinidad Alamosa Campus (TAC)	CIP Code:	42.0101
Program Banner Code:	AA_AA (Concentration: DAPY)	Total Credits Required:	60
Program Notes:	* MAT 135 is preferred by most 4-year receiving institutions in Colorado. It is the student's responsibility to work with a transfer advisor to determine which MAT course is required for their transfer path. Statewide Transfer Articulation Agreement toward a Bachelor's degree at Colorado public four-year institutions. Check the requirements of the intended transfer institution.		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
Mathematics (Choose One)	MAT 1340 College Algebra: GT-MA1 MAT 1260 Statistics: GT-MA1	3-4
PSY 1001	General Psychology I: GT-SS3	3
History (Choose One)	HIS 1310 Western Civilization:Antiquity-1650: GT-HI1 HIS 1320 Western Civilization: 1650-Present: GT-HI1 HIS 1110 The World: Antiquity-1500: GT-HI1 HIS 1120 The World: 1500-Present: GT-HI1 HIS 1210 US History to Reconstruction: GT- HI1 HIS 1220 US History since the Civil War: GT-HI1	3
Social Science (Choose One)	ECO 2001 Principles of Macroeconomics: GT-SS1 PSC2020 Introduction to Political Science: GT-SS1 GEO 1005 World Regional Geography: GT-SS2 PSC 1011 American Government: GT-SS1 PSY 2222 Psychology of Death and Dying: GT-SS3 SOC 1001 Introduction to Sociology I : GT-SS3	3

Semester Total: 15

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
PSY 1002	General Psychology II: GT-SS3	3
Social Science (Choose One)	ECO 2001 Principles of Macroeconomics: GT-SS1 ECO 2002 Principles of Microeconomics: GT-SS1 PSC 2020 Introduction to Political Science: GT-SS1 PSC 1011 American Government: GT-SS1 SOC 1002 Introduction to Sociology II: GT-SS3 GEO 1005 World Regional Geography: GT-SS2	3
Elective (Choose One)	ART 1111 Art History Ancient to Medieval GT-AH1 HUM 1022 Humanities: Medieval-Modern: GT-AH2 HUM 1023 Humanities: Modern World: GT-AH2 LIT 1015 Introduction to Literature I: GT-AH2 LIT 2001 World Literature to 1600: GT-AH2	3

Humanities (Choose One)	MUS 1020 Music Appreciation: GT-AH1	3
	SPA 2011 Spanish III: GT-AH4	
	PHI 2005 Business Ethics: GT-AH3	
	PHI 1014 Comparative Religions: GT-AH3	
	PHI 1011 Intro to Philosophy: GT-AH3	
	PHI 1012 Ethics: GT-AH3	
	PHI 1013 Logic: GT-AH3	

Semester Total: 15

Semester Three

Course Code	Course Name	Credit Hours
Biology (Choose One)	BIO 1004 Biology: A Human Approach: SC1	4*
	BIO 2104 Microbiology w/lab; BIO 1005 Science of Biology with Lab: GT-SC1	
	BIO 1111 General College Biology I with Lab: GT-SC1	
	BIO 1112 General College Biology II with Lab: GT-SC1	
	BIO 2101 Human A & P I w/lab	
Core Psychology (Choose One)	PSY 2222 Psychology of Death and Dying: GT-SS3	3
	PSY 2331 Positive Psychology-GT: SS3	
	PSY 2440 Human Growth and Development: GT-SS3	
	PSY 2441 Child Development: GT-SS3	
	PSY 2552 Abnormal Psychology: GT-SS3	
Elective (Choose One)	ART 1110 Art Appreciation: GT-AH1	3
	HUM 1021 Humanities: Early Civilization: GT-AH2	
	SPA 2011 Spanish Language III: GT-AH4	
	SPA 2012 Spanish Language IV: GT-AH4	
	THE 1005 Theatre Appreciation: GT-AH1	
Elective (Choose One)	THE 2012 Development of Theatre Restoration to Modern: GT-AH1	5*
	BIO 1005 Science of Biology with Lab: GT-SC1	
	BIO 1111 General College Biology I with Lab: GT-SC1	
	BIO 1112 General College Biology II with Lab: GT-SC1	
	CHE 1011 Introduction to Chemistry I with Lab: GT-SC1	

Semester Total: 15

Semester Four

Course Code	Course Name	Credit Hours
Lab Science (Choose One)	GEO 1011 Physical Geography: Landforms with Lab: GT-SC1	3*
	BIO 1004 Biology: A Human Approach: GT-SC1	
	SCI 1105 Science in Society: SC2; ENV 1010 Natural Disasters: SC2	
	ENV 1111 Environmental Science with Lab: GT-SC1	
	AST 1110 Planetary Astronomy with Lab: GT- SC1	
Core Psychology (Choose One)	PSY 2222 Psychology of Death and Dying: GT-SS3	3
	PSY 2331 Positive Psychology-GT: SS3	
	PSY 2440 Human Growth and Development: GT-SS3	
	PSY 2441 Child Development: GT-SS3	
	PSY 2552 Abnormal Psychology: GT-SS3	
Core Psychology (Choose One)	PSY 2222 Psychology of Death and Dying: GT-SS3	3
	PSY 2331 Positive Psychology-GT: SS3	
	PSY 2440 Human Growth and Development: GT-SS3	
	PSY 2441 Child Development: GT-SS3	
	PSY 2552 Abnormal Psychology: GT-SS3	
COM 115 or 125 (Choose One)	Public Speaking; Interpersonal Communication: GT-SS3	3
Elective	ANT 1001 Cultural Anthropology: GT-SS3	3

(Choose One) SPA 2011 Spanish Language III: GT-AH4
CRJ 1010 Intro to Criminal Justice: GT-SS3
MUS 1020 Music Appreciation: GT-AH1
SOC 1001 Introduction to Sociology I : GT-SS3
SOC 1002 Introduction to Sociology II: GT-SS3
SOC 2005 Sociology Of Family Dynamics: GT-SS3

Semester Total: 15

TOTAL CREDITS: 60

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Studio Art Transfer Major - Associate of Arts

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	50.0702
Program Banner Code:	AA_AA	Total Credits Required:	60
Program Notes:	Transfer plan aligned to Colorado's Statewide Transfer Articulation Agreement (STAA) for Studio Art. MAT 1240 is preferred by most Colorado 4-year receiving institutions; confirm with a transfer advisor. Elective options (advisor-guided): Sem 1 (3-4 cr): THE 1005; SOC 1001; PSY 1001; BIO 1005; ENV 1111. Sem 2 SC1 (4 cr): AST 1110; BIO 1005; BIO 1004; ENV 1111; BIO 1111. HI1 (3 cr): HIS 1310; HIS 1320; HIS 1110; HIS 1120; HIS 1210; HIS 1220. Sem 3 AH (3 cr; no AH1): HUM 1022; HUM 1023; LIT 1015; LIT 2001; PHI 1011; PHI 1013; ECO 2001; PSC 1011. SS (3 cr): GEO 1005; PSY 1001; PSY 2222; SOC 1001. SC1 (4 cr): AST 1110; BIO 1004; BIO 1005; ENV 1111; BIO 2104. Sem 4 AH (3 cr; no AH1): HUM 1021; LIT 2002; LIT 2011; LIT 2012; PHI 1012. SC2 (3 cr): ENV 1010; SCI 1105. SS (3 cr): ECO 2001; ECO 2002; SOC 1001; PSC 1011; PSC 2020; PSY 1002. TBA Studio Art class is determined with a transfer advisor based on receiving-institution requirements.		

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I (GT-CO1)	3
MAT 1240	Mathematics for Liberal Arts (GT-MA1)	4
ART 1111	Art History: Ancient to Medieval (GT-AH1)	3
ART 1201	Drawing I	3
GT Pathways elective (select one from approved list)		3-4
Semester Total:		16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II (GT-CO1)	3
SC1	GT Pathways Science w/ Lab elective (GT-SC1) - select one	4
HI1	GT Pathways History elective (GT-HI1) - select one	3
ART 1112	Art History: Renaissance to Modern (GT-AH1)	3
ART 1202 or ART 1203	Drawing II or Figure I	3
Semester Total:		16

Semester Three

Course Code	Course Name	Credit Hours
AH2/AH3/AH4	GT Pathways Arts & Humanities elective (no AH1) - select one	3
SS1/SS2/SS3	GT Pathways Social Science elective - select one	3
ART 1002	Visual Concepts: 2-D Design	3
Elective	GT Pathways Science w/ Lab elective (GT-SC1) - select one	4
Semester Total:		13

Semester Four

Course Code	Course Name	Credit Hours
AH2/AH3/AH4	GT Pathways Arts & Humanities elective (no AH1) - select one	3
SC2/SC3	GT Pathways Science elective (GT-SC2) - select one	3
SS1/SS2/SS3	GT Pathways Social Science elective - select one	3
ART 1003	Visual Concepts: 3-D Design	3
TBA	Studio Art Class (determined with Transfer Advisor)	3
Semester Total:		15

TOTAL CREDITS: 60

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.



WANT CLASSES IN THE GREAT OUTDOORS?

Trinidad Campus

Contact Donna Haddow, Continuing Education Coordinator at 719-846-5724 or

QQDDJl.J:lfilld_ow.@Iriaid.fili.sta dJ.L

As Colorado's first community college, Trinidad State has led the way in innovative programs targeting skills that are in workplace demand. This program follows in that tradition. There is a tremendous interest in trails of all kinds around the world, which has resulted in a strong demand for knowledgeable professionals in the trail building industry.

The program schedules short-term, trails-related workshops offered in a continuing education platform (not for college credit). Students will be provided certificates of completion and CEU's for professional development for each course taken. This model allows Trinidad State to bring in trail trainers from around the world for short-term learning opportunities.

The Partnership for Rural Educator Preparation (T-PREP)

University of Colorado Denver & Trinidad State College

T-PREP is a unique and flexible program that provides tomorrow's teachers who are living and/or working in rural communities with a way to earn a four-year degree and teaching license without leaving home.

The Partnership for Rural Educator Preparation (T-PREP) University of Colorado Denver and Trinidad State College Appendix A: TSC AAS in ECE to CU Denver EDHD BA Course Plan

Trinidad State College		TSJC/University of Colorado Denver	
Year 1 (30 credits)	Year 2 (30 credits)	Year 3 (40 credits)	Year 4 (31 credits)
<p>Semester 1 (15 credits) ENG 1021 English Comp I (3) Math Core 120 or 135 (3) (substitute MAT 1340 for students already in pipeline)</p> <p>Clinical Block ECE 1011 (3) Introduction to Early Childhood Professions ECE 1031 (3) Guidance Strategies for Young Children ECE 1111 (3) Infant and Toddler Theory and Practice</p> <p>Semester 2 (15 credits)</p> <p>Clinical Block ECE 1045 (3) Introduction to Early Childhood Education Lab Techniques ECE 1125 (3) Intro to Infant/Toddler Lab Techniques ECE 2051 (3) ECE Nutrition, Health and Safety ECE 2621 (3) ECE Curriculum Development: Methods and Techniques ECE 2631 (3) Lang & Cogn for the Young</p>	<p>Semester 1 (15 credits) EDU 2281 (3) PSY 1001 or PSY 1002 (3) ECE 2641 (3) Creativity and the Young Child PSY 2380 Child Devlmt GT-SS3 (3) ECE 2401 (3) Adm of Early Chldhd Care & Educ Programs</p> <p>Semester 2 (15 credits)</p> <p>Clinical Block ECE 2411 (3) Administration: Human Relations for Early Childhood Education ECE 2601 (3) Exceptional Child ECE 2088 (3) Practicum: Early Childhood Education ECE 2089 (3) Capstone ECE</p> <p>Arts/Humanities Core – Choose any GT-AH course for transfer.</p>	<p>Summer #1 – Semester 1 ENG 1022 Core Composition II (3) HIS 1110 or 112, HUM 1021, PHI 1140, or PSC 1050 (Core Int Persp) (3)</p> <p>Fall – Semester 2 Literacy Learning Clinical Block EDHD 2930 Lrng & Dev. Field Exp. (3) LCRT 3720 Writ Devlmt and Teaching (3) CLDE 2000 CLOE Foundations (3) ECED 4060 Working with Families, Prof. & Comm (3) Core Math or Science (no lab)</p> <p>Spring – Semester 3 EDFN 4010 Soc Fdns & Cult Div in Urb Edu (3) GT-SC1 Core Science with Lab (4) EDU 2340 MC Ed (Core Social Science) (3) Core Humanities (GT-AH or GT-HI) (3)</p> <p>Summer #2 – Semester 4 MTED 3040 Math for Elem Tchrs (3) Core Cult Div – HDFR 3020 BI & Intro Child (3)</p>	<p>Fall – Semester 1 UEDU 4931 Internship & Learning Community I (2) UEDU 4932 Internship & Learning Community II (2) UEDU 4040 Planning for Learning (3) LCRT 4000 Elem. Lit. Instr & Assessment I (3) MTED 4002 Elementary Math Teaching I (3) SCED 4004 Elem Science Teaching (3)</p> <p>Spring – Semester 2 UEDU 4933 Internship & Learning Community III (6) UEDU 4050 Capstone (3) ECED 4200 Assessment for ECE Classrooms (3) ECED 4850 Dual Language Learners (3)</p>

CU Denver is ranked as a top education school by U.S. News & World Report and is known as a leader in teacher residency programs. Trinidad State has prepared students for bachelor degree programs with success for more than 90 years.

- Start taking classes on the Alamosa or Trinidad campuses of Trinidad State College (TSC) to earn your associate's degree.
- Complete the rest of your classes as a CU Denver student in face-to-face classes taught by CU Denver faculty on the TSC campus or online.
- Save money by opting into BA to MA (BAMA). In BAMA, three classes you take during your senior year double count towards both your bachelor's and your master's degrees and are billed at the undergraduate tuition rate.
- Expand your options as an elementary education teacher by taking two extra classes and adding a Culturally and Linguistically Diverse endorsement to your elementary education teaching license.

See **Early Childhood Education** and **Elementary Education** for course pathways.

TRINIDAD STATE COLLEGE	Academic Catalog • Degree Plan
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Technical Theatre Associate of Applied Science (AAS)

Campus:	Trinidad Main Campus (TMC)	CIP Code:	50.0502
Program Banner Code:	AAS_TETH	Total Credits Required:	61
Program Notes:	Confirm sequencing and scheduling with an advisor.		

Course Code	Course Name	Credit Hours
Semester One		
ENG 1021	English Composition I: GT-CO1	3
MAT 1240	Mathematics for Liberal Arts: GT-MA1	4
THE 1005	Theatre Appreciation: AH1	3
THE 1016	Technical Theatre	3
THE 1029	Intro-Entertainment Industry	3
Semester Total:		16
Semester Two		
THE 1004	Basic Costume and Apparel Construction	3
THE 1008	Theater Script Analysis: AH1	3
THE 1031	Theatre Production I	3
THE 1052	Production Stage Management I	3
Semester Total:		12
Semester Three		
PSY 1001	General Psychology I: GT-SS3	3
THE 1032	Theatre Production II	3
THE 2011 or THE 2012	THE 2011 Development of Theatre Greek–Renaissance: GT-AH1 THE 2012 Development of Theatre Restoration to Modern: GT-AH1	3
THE 2016	Theatre Lighting and Design	3
THE 2021	Set Design for Film and Theatre	3

		Semester Total: 15
Semester Four		
THE 2015	Playwriting: AH1	3
THE 2000	Paint, Draw, Render, Model Techs	3
THE 2031	Theatre Production III	3
THE 2041	Stage Properties	3
THE 2050	Practical Theatre Technologies	3
THE 2062	Production Stage Management	3
		Semester Total: 18
TOTAL CREDITS: 61		

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Theater Transfer Major - Associate of Arts

Campus:	TMC; TAC	CIP Code:	50.0501
Program Banner Code:	AA_AA (DTHR)	Total Credits Required:	60

Semester One

Course Code	Course Name	Credit Hours
ENG 1021	English Composition I: GT-CO1	3
MAT 1240	Mathematics for Liberal Arts: GT-MA1	4
THE 1005 *	Theatre Appreciation: GT-AH1	3
THE 1016	Technical Theatre	3
THE 1011	Acting I	3
Semester Total:		16

Semester Two

Course Code	Course Name	Credit Hours
ENG 1022	English Composition II: GT-CO1	3
Science (Select One)	Select one: AST 1110, BIO 1005, ENV 1010, ENV 1111, GEY 1111, SCI 1105. Lab-based (GT-SC1) when required.	3-4*
SS Elective (Select One)	Select one: ECO 2001, ECO 2002, SOC 1001, PSC 1011, GEO 1005, PSY 1001	3
THE 1008	Theatre Script Analysis: GT-AH1	3
Core Theatre (Select One)	Select one: THE 1031, THE 1032, THE 2031, THE 2032	3
Semester Total:		15

Semester Three

Course Code	Course Name	Credit Hours
History (Select One)	Select one: HIS 1310, HIS 1320, HIS 1110, HIS 1120, HIS 1210, HIS 1220	3
THE 2011	Development of Theatre 1: Greek to Renaissance: GT-AH1	3
SS Elective (Select One)	Select one: ECO 2001, PSC 1011, GEO 1005, PSY 1001, PSY 2222, SOC 1001	3
Elective	Select one: BIO 1005, BIO 1111, BIO 1112, CHE 1011, BIO 2104, BIO 1004	5-6
Semester Total:		14

Semester Four

Course Code	Course Name	Credit Hours
Science (Select One)	Select one: AST 1110, BIO 1005, ENV 1111, BIO 1004, GEY 1111, BIO 2104. Lab-based (GT-SC1) when required.	4*
THE 2012	Development of Theatre II: Restoration to Modern: GT-AH1	3
THE 2015	Playwriting: GT-AH1	3
Elective A (Select One)	Select one: ART 1110, COM 1250, MUS 1020, MUS 1021, LIT 2001, LIT 2002	3
Elective B (Select One)	Select one: ART 1111, MUS 1022, MUS 1025, LIT 2011, LIT 2012, PHI 1011	3
Semester Total:		15

Welding Technology Associate of Applied Science

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	48.0508
Program Banner Code:	AAS_EPIW	Total Credits Required:	62
Program Notes:	Course offerings and sequencing may vary by campus and term. Consult the catalog and your advisor for the most current requirements.		

Semester One

Course Code	Course Name	Credit Hours
OSH 1310	10-Hr. Construction Industry Standards	1
WEL 1002	Oxyacetylene Joining Processes	4
WEL 1013	Oxyfuel and Plasma Cutting	2
WEL 1021	Structural Welding I	3
WEL 1024	Gas Tungsten Arc Welding I	4
WEL 1025 or WEL 2024	Introduction to Gas Metal Arc Welding Gas Tungsten Arc Welding II	4
Semester Total:		18

Semester Two

Course Code	Course Name	Credit Hours
BUS 1021	Basic Workplace Skills	1
WEL 1022	Structural Welding II	3
WEL 1025 or WEL 2024	Introduction to Gas Metal Arc Welding Gas Tungsten Arc Welding II	4
WEL 2003	Flux Cored Arc Welding I	4
WEL 2030	Pipe Welding I	4
WEL 2031	Pipe Welding II	4
Semester Total:		20

Semester Three

Course Code	Course Name	Credit Hours
ENG 1015	Technical English and Communication	3
ENG 1021 or ENG 1020	English Composition I: GT-CO1 Technical Writing I: GT-CO1	
MAT 1140	Career Math	3
MAT 1240	Mathematics for Liberal Arts: GT-MA1	
MAT 1260 or MAT 1340	Introduction to Statistics: GT-MA1 College Algebra: GT-MA1	
COM 1150 or COM 1250	Public Speaking Interpersonal Communication: GT-SS3	3

AH1, AH2, AH3, AH4 or SS1, SS2, SS3 or SC1 (additional GT courses available)	AGY 2140 Introductory Soil Science: GT-SC1 ECO 2001 Principles of Macroeconomics: GT-SS1 ENV 1111 Environmental Science with Lab: GT-SC1 HIS 1220 US History since the Civil War:GT-HI1 PHI 1012 Ethics: GT-AH3 PSY 1001 General Psychology I: GT-SS3	3
Semester Total:		12

Semester Four

Course Code	Course Name	Credit Hours
AH1, AH2, AH3, AH4 or SS1, SS2, SS3 or SC1 (additional GT courses available)	AGY 2140 Introductory Soil Science: GT-SC1	3
	ECO 2001 Principles of Macroeconomics: GT-SS1 ENV 1111 Environmental Science with Lab: GT-SC1 HIS 1220 US History since the Civil War:GT-HI1 PHI 1012 Ethics: GT-AH3 PSY 1001 General Psychology I: GT-SS3	
Electives	BUS 1015 Introduction to Business CIS 1018 Intro to PC Applications	6-8
Semester Total:		12
TOTAL CREDITS: 62		

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Welding Technology Certificate

Campus:	Trinidad Main Campus (TMC) Trinidad Alamosa Campus (TAC)	CIP Code:	48.0508
Program Banner Code:	CER_EPIW	Total Credits Required:	38
Program Notes:	Course offerings and sequencing may vary by campus and term. Consult the catalog and your advisor for the most current requirements.		

Semester One

Course Code	Course Name	Credit Hours
OSH 1310	10-Hr. Construction Industry Standards	1
WEL 1002	Oxyacetylene Joining Processes	4
WEL 1013	Oxyfuel and Plasma Cutting	2
WEL 1021	Structural Welding I	3
WEL 1024	Gas Tungsten Arc Welding I	4
WEL 1025 or WEL 2024	Introduction to Gas Metal Arc Welding	4
	Gas Tungsten Arc Welding II	
Semester Total:		18

Semester Two

Course Code	Course Name	Credit Hours
BUS 1021	Basic Workplace Skills	1
WEL 1022	Structural Welding II	3
WEL 1025 or WEL 2024	Introduction to Gas Metal Arc Welding	4
	Gas Tungsten Arc Welding II	
WEL 2003	Flux Cored Arc Welding I	4
WEL 2030	Pipe Welding I	4
WEL 2031	Pipe Welding II	4
Semester Total:		20

TOTAL CREDITS: 38

Note: This degree plan is a planning tool. Always confirm course availability, prerequisites, and scheduling with a Trinidad State College advisor each term.

Course Descriptions

The credit courses offered by the College are listed in alphabetical order by discipline/program area. A general description of the content of each course is included. Special Topics are courses that are numbered 075-077, 175-177, and 275-277 and the credits will vary depending on course content. The description and outline is approved by the Dean and filed with the Registrar.

In December 2005, the Colorado Commission on Higher Education established a statewide transfer policy for general education course credits. This policy is also known as GT- Pathways, and more information can be found on the [Colorado Department of Education website](#). and [https:// higher.ed.colorado.gov/transfer-degrees](https://higher.ed.colorado.gov/transfer-degrees). Although Trinidad State Junior College does not offer all of the courses listed, if you are transferring any of these courses to Trinidad State from an accredited post-secondary institution, these courses will be accepted at Trinidad State Junior College.

Accounting

ACC 1001 Fundamentals of Accounting

3.0 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.

ACC 1011 Introduction to Financial Accounting

3.0 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.

ACC 1012 Introduction to Managerial Accounting

3.0 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.

ACC 1015 Payroll Accounting

1.0 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.

ACC 1021 Accounting Principles I

2.0 Credits

This course introduces accounting principles for understanding the theory and logic that underlie procedures and practices for business organizations. Major topics include the accounting cycle for service and merchandising companies, internal control principles and practices, notes and interest, inventory systems and costing, and plant and intangible asset accounting.

ACC 1022 Accounting Principles II

4.0 Credits

This course continues the application of accounting principles to business organizations. Major topics include corporate equity and debt financing, investments, cash flow statements, financial analysis, budgeting, cost and managerial accounting.

ACC 1032 Tax Help Colorado

1.0 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.

ACC 1035 Spreadsheet Applications for Accounting

2.0 Credits

Introduces spreadsheets as an accounting tool in the application of fundamental accounting concepts, problem-solving, and decision-making skills.

ACC 2011 Intermediate Accounting I

3.0 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.

ACC 2012 Intermediate Accounting II

4.0 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.

ACC 2026 Cost Accounting

3.0 Credits

Course covers cost accumulation methods and reports including job order, process, standards, and activity-based cost systems associated with budgeting, planning, and control of costs.

ACC 2045 Computerized Accounting with a Professional Package

3.0 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.

Advancing Academic Achievement**AAA 1075 Special Topics**

0.0 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.

Agriculture**AGR 2160 World Population and Food: SS3**

2.0 Credits

Covers concepts and issues related to world population, food, and agriculture. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Agriculture Crops & Soils**AGY 1100 General Crop Production**

3.0 Credits

Focuses on production and adaptation of cultivated crops, principles affecting growth, development, management, and utilization.

AGY 2140 Introductory Soil Science: GT-SC1

4.0 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.

Agriculture Economics**AGE 1102 Agriculture Economics:GT-SS1**

3.0 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.

AGE 2105 Farm and Ranch Management

3.0 Credits

Provide students with practical experience in applying principles of economics, business, marketing, and finance to the management of a farm/ ranch operation.

AGE 2108 Agricultural Finance

3.0 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.

AGE 2110 Agriculture Marketing

3.0 Credits

Studies the agricultural marketing system and methods of marketing crops and livestock. Emphasizes hedging with futures options.

Agriculture Production

AGP 1007 Practical Irrigation Management

4.0 Credits

Introduces the student to irrigation methods, scheduling, limited irrigation concepts, hydrology, safety, water quality, chemigation, and interrelationships between irrigation, soil fertility, and crops. A limited amount of water law is also covered.

Animal Science

ASC 1100 Animal Sciences

1.0 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.

ASC 2125 Feeds and feeding

4.0 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.

ASC 2150 Live Animal/Carcass Evaluation

3.0 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.

ASC 2188 Livestock Practicum

0.0 Credits

Provides experiential learning with beef cattle, dairy cattle, swine and sheep.

Anthropology

ANT 1001 Cultural Anthropology: GT-SS3

3.0 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.

ANT 1003 Intro to Archaeology: GT-SS3

2.0 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.

ANT 1005 Biological Anthropology with Laboratory: GT:SC1

3.0 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.

ANT 2125 Anthropology of Religion GT:SS3

3.0 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.

Art

ART 1002 Visual Concepts 2-D Design

3.0 Credits

Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two-dimensional media.

ART 1003 3-D Design

3.0 Credits

Introduces the fundamentals of three-dimensional design, form, and space. The course applies the elements and principles of design to three-dimensional problems.

ART 1110 Art Appreciation GT-AH1

3.0 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.

ART 1111 Art History Ancient to Medieval: GT-AH1

3.0 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.

ART 1112 Art History Renaissance to 1900: GT-AH1

3.0 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.

ART 1113 Art History 1900 to Present: GT-AH1

3.0 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. 3.0 Credits
Investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 1201 Drawing I

3.0 Credits

Investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 1202 Drawing II

3.0 Credits

Explores expressive drawing techniques with an emphasis on formal composition, black and white, and color media and content or thematic development.

ART 1203 Figure Drawing I

3.0 Credits

Introduces the basic techniques of drawing the human figure. Auto Service Technology

ART 1301 Painting I

3.0 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.

ART 1302 Painting II

3.0 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.

ART 1401 Digital Photography I

3.0 Credits

Presents the fundamentals of Fine Art digital photography, including camera equipment and software used for image capture, management and manipulation. Topics include camera settings and exposure control, composition, working with light and time, and creative image manipulation.

ART 1405 Mixed Media I: Digital Art

3.0 Credits

Introduces students to the design and creation of fine-art composites that involve the combinations of techniques, texture, drawing, painting, photography, and objects, and emphasizes the computer as an art tool. In addition to incorporating technology-based vocabulary as it relates to fine- art technique, vector and raster applications are explored for the creation of montage and collage. No computer experience is necessary.

ART 2403 Digital Photo Studio

3.0 Credits

Introduces the basic concepts of digital imaging as applied to photography. Using applicable technology and hands on experience, modern developments are presented leading to the present applications of digital imaging which combine traditional photographic ideas with electronic media. Enables the student to learn how to operate image manipulation software using a variety of scanning equipment, software tools, and output devices by executing new assignments and applying these technologies to their photographic process.

Astronomy

AST 1110 Astronomy with Lab: Planetary Systems: GT- SC1

4.0 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.

AST 1120 Astronomy with Lab: Stars and Galaxies: GT- SC1

4.0 Credits

Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe as a whole, including cosmology and relativity. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT- SC1 category.

Auto Service Technology

ASE 1001 Auto Shop Orientation

2.0 Credits

Covers safety instruction in the shop and on the automobile. Emphasis on the proper use and care of test equipment, precision measuring and machining equipment, gaskets, adhesives, tubing, wiring, jacks, presses, and cleaning equipment and techniques.

ASE 1002 Introduction to the Automotive Shop

2.0 Credits

Prepares the incoming automotive student to work in the shop safely and gain familiarity with the shop and common equipment.

ASE 1010 Automotive Brake Service I

2.0 Credits

Introduces the basic theory of automotive braking systems including operation, diagnosis, basic repair of disc and drum friction assemblies, and basic hydraulic braking systems. This course meets MLR/AST/MAST program accreditation requirements.

ASE 1011 Automotive Brake Service II

2.0 Credits

Covers diagnostics, test procedures, and repair to automotive foundation braking system. This course also introduces the components, types of Antilock Braking Systems (ABS), and traction control systems of current vehicles. This course meets MLR/AST/MAST program accreditation requirements.

ASE 1020 Basic Automotive Electricity

2.0 Credits

Introduces vehicle electricity, basic electrical theory, circuit designs, and wiring methods. This course focuses on multimeter usage and wiring diagrams. This course meets MLR/AST/MAST requirements.

ASE 1022 Automotive Electrical Safety Systems

2.0 Credit

Covers the operation of electrical systems including vehicles safety concerns of vehicle lighting systems, Supplemental Inflatable Restraints (SIR), windshield wipers, driver warning systems, and vehicle accessories. This course meets MLR/AST/MAST program requirements.

ASE 1023 Starting and Charging System

3.0 Credits

Covers the operation and theory of a vehicle battery, testing, service, and repair of starting and charging systems including voltage testing, draw testing. This course meets MLR/AST/MAST program requirements.

ASE 1030 General Engine Diagnosis

2.0 Credits

Covers how to perform basic engine diagnosis to determine condition of engine including engine support systems. This course meets MLR/AST/MAST requirements.

ASE 1032 Ignition System Diagnosis and Repair

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis, service, adjustments and repair of various automotive ignition systems.

ASE 1034 Automotive Fuel and Emissions Systems I

2.0 Credits

Focuses on the diagnosis and repair of automotive fuel emission control systems, filter systems, and spark plugs. This course also includes maintenance to Diesel Exhaust Fluid (DEF) systems.

ASE 1040 Suspension and Steering I

2.0 Credits

Focuses on diagnosis and service of suspension and steering systems and components. This course meets MLR/AST/MAST requirements.

ASE 1041 Suspension and Steering II

2.0 Credits

Covers design, diagnosis, inspection, service of suspension, and steering systems used on light trucks and automobiles including power steering and Supplemental Restraint System (SRS) service. This course meets AST/MAST requirements.

ASE 1050 Manual Drive Train and Axle Maintenance

2.0 Credits

Covers the operating principles and repair procedures relating to axle-shafts, propeller shafts, and universal joints. This course meets MLR/AST/MAST requirements.

**ASE 1051 Automotive Manual Transmission/
Transaxles & Clutches I**

2.0 Credits

Focuses on the diagnosis and repair of automotive manual transmissions, transaxles, clutches, and related components. This course meets AST/MAST requirements.

**ASE 1052 Manual Transmission, Transaxles and
Clutches II**

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of automotive differentials, four wheel and all-wheel drive units.

ASE 1060 Automotive Engine Repair

2.0 Credits

Focuses on the service of cylinder head, valve-train components, and cooling system components including engine removal, re-installation, and re-mounting systems. This course meets MLR/AST/MAST requirements.

ASE 1062 Automotive Engine Service & Repair

2.0 Credits

Covers engine sealing requirements and repair procedures including engine fasteners, bolt torque, repair of fasteners, cooling system, and basic engine maintenance. This course meets AST/MAST requirements.

ASE 2010 Automotive Power and ABS Brake Systems

2.0 Credits

Covers the operation and theory of the modern automotive braking systems including the operation, diagnosis, service, and repair of the anti-lock braking systems and power assist units. This course also covers the machining operations of today's automobile brake systems. This course meets AST/MAST requirements.

ASE 2021 Automotive and Diesel Body Electrical

4.0 Credits

Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.

ASE 2031 Automotive Computers and Ignition Systems

2.0 Credits

Focuses on lecture and laboratory experiences in the inspection and testing of typical computerized engine control systems.

ASE 2033 Auto Fuel Injection and Emissions Systems II

4.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of electronic fuel injection systems and modern exhaust systems.

ASE 2035 Driveability & Diagnosis

2.0 Credits

Focuses on diagnostic techniques and the use of diagnostic scan tools, oscilloscopes, lab scopes, multi-meters, and gas analyzers.

ASE 2040 Suspension and Steering III

2.0 Credits

Covers operation of steering and power steering systems. It will also include different alignment types and procedures.

ASE 2050 Automatic Transmission/Transaxle Service

1.0 Credit

Focuses on practical methods of maintaining, servicing, and performing minor adjustments on an automatic transmission and transaxle. This course meets MLR/AST/MAST requirements.

ASE 2051 Automotive Transmission and Transaxle Repair

4.0 Credits

Covers diagnosis, principles of hydraulics, principles of electronic components, power flow, theory of operation including removal, installation, and replacement of transmission/transaxle and components. This course meets AST/MAST requirements.

ASE 2060 Advanced Engine Diagnosis

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and necessary corrective actions of automotive engine performance factors related to customer vehicles.

ASE 2064 Introduction to Automotive Heating and Air Conditioning

1.0 Credit

Covers basic operation of heating and air conditioning components. This course meets MLR/AST/MAST requirements.

ASE 2065 Heating and Air Conditioning Systems

5.0 Credits

Emphasizes lecture and related laboratory experiences in the diagnosis and service of vehicle heating and air conditioning systems and their components.

ASE 2087 Cooperative Education

0.0 Credits

Develops practical objectives assigned by an automotive employer providing an on-the-job learning experience at an approved automotive repair facility.

Barber

BAR 1007 Introduction to Shaving, Honing & Stropping

1.0 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 Intermediate Shaving, Honing & Stropping

1.0 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 1041 Intermediate Permanent Waves & Chemical Relaxers

3.0 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 2007 Advanced Shaving, Honing & Stropping

2.0 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 2041 Advanced Permanent Waves &Chemical Relaxers

3.0 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.

Biology

BIO 1004 Biology:A Human Approach:GT-SC1

4.0 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.

BIO 1005 Science of Biology with Lab: GT-SC1

4.0 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.

BIO 1006 Basic Anatomy and Physiology

4.0 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.

BIO 1052 Wildlife Biology

4.0 Credits

Studies the biology of wild mammals, birds, and fish. Focuses on conservation of wildlife and fisheries resources.

BIO 1111 General College Biology I with Lab: GT-SC1

5.0 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.

BIO 1112 General College Biology II with Lab: GT-SC1

5.0 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.

BIO 2101 Human Anatomy and Physiology I with Lab: GT-SC1

5.0 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.

BIO 2102 Human Anatomy and Physiology II with Lab: GT-SC1

4.0 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.

BIO 2104 Microbiology with Lab: GT-SC1

4.0 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.

BIO 2116 Human Pathophysiology

4.0 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.

BIO 2120 **General Zoology with Lab: GT-SC1**

5.0 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.

BIO 2121 **Botany with Lab: GT-SC1**

4.0 Credits

Covers plants, emphasizing photosynthetic pathways, form and function, reproduction, physiology, diversity, and evolution. This course requires mandatory hands-on laboratory and research experience and is designed for biology majors. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Business

BUS 1002 **Entrepreneurial Operations**

3.0 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.

BUS 1015 **Introduction to Business**

3.0 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.

BUS 1016 **Personal Finance**

3.0 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.

BUS 1020 **Introduction to E-Commerce**

3.0 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 1021 **Basic Workplace Skills**

1.0 Credit

Focuses on personal and workplace skills necessary for successful performance. This course introduces project management principles necessary to effectively lead and implement a project.

BUS 2016 **Legal Environment of Business**

3.0 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.

BUS 2017 Business Communications & Report Writing

3.0 Credits

Emphasizes effective business writing and cover letters, memoranda, reports, application letters, and resumes. This course includes the fundamentals of business communication and an introduction to international communication.

BUS 2026 Business Statistics

3.0 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.

BUS 2075 Special Topics

0.0 Credits

Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as needed basis to provide current, up-to-date information.

BUS 2089 Capstone

1.0 Credits

Demonstrates the culmination of learning within a given program of study.

BUS 3020 Business Law and Ethics

3.0 Credits

Emphasizes the social, legal, political, and ethical responsibilities of businesses to external and internal stakeholders. This course explores various topics including corporate social responsibility, state and federal laws, contracts, intellectual property regulations, employment law, product liability, safety practices, and environmental regulations.

BUS 3040 Business Ethics and Sustainability

3.0 Credits

Explores sustainability theories, business ethics, and societal responsibilities that go beyond their economic responsibilities. This course emphasizes the complex business environments and social expectations of corporations and emerging governance structures, management systems, and innovative business models.

BUS 3060 Management Technology and Information Systems Processes

3.0 Credits

Explores information systems in decision-making and meeting operational and strategic goals. This course explores the use of hardware and software in business, as well as database management systems (DBMS) and network information system fundamentals. This course will apply advanced theories of information systems and customer relationship management.

BUS 4010 Applied Business Research and Data Analytics

3.0 Credits

Presents fundamental techniques to create business research design models and business data analytics for decision-making. This course integrates the principles of research methodologies, data collection, and applied statistical analytic techniques for making practical data-based business decisions.

BUS 4081 Internship

0-12 Credits

Provides students with a vehicle to pursue an internship experience. Course description and requirements are determined by the individual instructor and documented within the course syllabus. Reserved for students in BAS degree program.

BUS 4089 Capstone

0-12 Credits

To be determined by the individual instructor. A Course Description will be developed for each course and documented within the course syllabus. Reserved for students in BAS degree program.

Business Technology

BTE 1002 Keyboarding Applications I

2.0 Credits

Designed for students with minimal keyboarding skills. Introduces letters, tables, memos, and manuscripts. Emphasizes speed and accuracy.

BTE 1008 Ten-Key by Touch

1.0 Credit

Introduces touch control of the ten-key pad. Emphasizes the development of speed and accuracy using proper technique.

BTE 2025 Office Management

3.0 Credits

Emphasis is placed on functions of the office. Includes office organization, work in the office, office layout, equipment and supplies, procurement and control, work flow, forms design, record storage and retrieval systems, personnel administration and problems, and government control.

Carpentry

CAR 1000 Introduction to Carpentry

2.0 Credit

Provides a basic introduction to construction work for all crafts. This course specifically applies to construction sites.

CAR 1003 Carpentry Basics

4.0 Credits

Provides a basic introduction to construction work for all crafts, safety concerns and procedures, and the safety and use of hand and power tools. This course specifically applies to construction work.

CAR 1005 Job Site Layout and Blueprint Reading

1.0 Credit

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

1.0 Credit

Covers materials and methods for concrete forms and foundations. Includes various reinforcement methods such as re-bar and welded-wire fabric.

CAR 1020 General Construction Framing

1.0 Credit

Instructs students in basic framing methods and materials utilizing a hands- on framing lab. Covers floor, wall, and roof framing.

CAR 1070 Clinical: Construction Lab I

0.0 Credits

Continues to build upon the principles that are expected to be understood by students in the construction discipline.

Chemistry

CHE 1011 Introduction to Chemistry I with Lab: GT-SC1

5.0 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.

CHE 1012 Introduction to Chemistry II with Lab: GT-SC1

6.0 Credits

Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, intermolecular forces, 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.

CHE 1111 General College Chemistry I with Lab: GT-SC1

6.0 Credits

Focuses on basic chemistry and measurement, matter, chemical formulas, reactions, equations, stoichiometry, and thermochemistry. 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.

CHE 1112 General College Chemistry II with Lab: GT-SC1

5.0 Credits

Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, intermolecular forces, 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.

Communications

COM 1150 Public Speaking

3.0 Credits

Combines the basic theories of communication with public speech performance skills. Emphasis is on speech preparation, organization, support, audience analysis, and delivery.

COM 1250 Interpersonal Communication: GT-SS3

3.0 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.

COM 1300 Communication and Popular Culture: GT-AH1

3.0 Credits

Introduces four key theoretical models for examining popular culture: Narrative Theory, Rhetorical Theory, Gender Theory, and Critical Race Theory. Emphasis is on popular American media texts, including books, comics/graphic novels, films, music, and television. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

COM 2063 Conflict Resolution

1.0 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.

COM 2200 Find Your Creative Self

3.0 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.

COM 2250 Organizational Communication

3.0 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.

COM 2300 Intercultural Communication: GT-SS3

3.0 Credits

Explores the link between culture and communication and will develop and/or enhance communication skills and the abilities appropriate to a multicultural society. Emphasis will be on understanding diversity within and across cultures. Relevant concepts include perception, worldview, context, ethics, language, and nonverbal communication. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Computer & Networking Tech

CIS 2040 Database Design and Development

3.0 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.

CIS 2067 Management of Information Systems

3.0 Credits

Teaches students the basics of network firewall security. It covers basic installation techniques, discusses how to make an intelligent choice of firewall technology, and presents basic firewall troubleshooting.

CNG 1001 Networking Fundamentals

3.0 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).

CNG 1004 Intro to TCP/IP

3.0 Credits

Covers the basic elements of the Transmission Control Protocol and the Internet Protocol, the basic technologies that implement the Internet and computer networking. In addition to TCP and IP the course covers networking media, link layer, network layer, and transport layer protocols. Also included are routing, broadcast, multicast, and network address translation. IP version 4 and IP version 6 are both covered.

CNG 1020 A+ Certification Preparation

3.0 Credits

Prepares students for the CompTIA A+ certification examination. PC hardware and operating system installation, configuration and troubleshooting are practiced and reviewed using A+ techniques.

CNG 1024 Networking I: Network +

3.0 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.

CNG 1031 Principles of Information Assurance

3.0 Credits

Provides skills and knowledge required to survey key issues associated with protecting information assets, determine the levels of protection and response to security incidents, and design a consistent, reasonable information security system, with appropriate intrusion detection and reporting features. Students learn to inspect and protect information assets, detect and react to threats to information assets, and examine pre- and post-incident procedures, and technical and managerial responses. Students learn about information security planning and staffing functions.

CNG 1032 Network Security Fundamentals

3.0 Credits

Delivers a comprehensive overview of network security, including general security concepts. Communication Security is studied, including remote access, e-mail, the Web, directory and file transfer, and wireless data. Common network attacks are introduced. Cryptography basics are incorporated, and operational/organizational security is discussed as it relates to physical security, disaster recovery, and business continuity. Computer forensics is introduced.

**CNG 1033 Network Security: Fire Walls and Intrusion
Detection and Network Security**

3.0 Credits

Teaches students the basics of network firewall security. It covers basic installation techniques, discusses how to make an intelligent choice of firewall technology, and presents basic firewall troubleshooting.

CNG 1036 Guide to IT Disaster Recovery

3.0 Credits

Presents methods to identify technology and communication infrastructure vulnerabilities and appropriate countermeasures to prevent and mitigate failure risks for an organization. The course will take an enterprise-wide approach to developing a disaster recovery plan.

CNG 1042 Introduction to Cloud Computing Concepts

3.0 Credits

Introduces fundamental content on cloud computing including system analysis, requirements, configuration, deployment, and testing. This course includes information on management, business continuity, security, maintenance, updating, and troubleshooting as related to cloud computing.

CNG 2011 Windows Configuration: (OS)

3.0 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.

CNG 2012 Configuring Windows Server

4.0 Credits

Provides students with the knowledge and skills that are required to install and configure a Microsoft Windows Server. This course helps prepare students for a MTA (Microsoft Technology Associate) and/or MCSA (Microsoft Certified Solutions Associate) exams.

CNG 2024 M/S Windows Wireless Network

3.0 Credits

Provides the student with the Microsoft official curriculum from the Microsoft Regional Academy. Offers detailed instruction on the foundation concepts and technologies of wireless data networking. Upon completion of this course, students are prepared to take the Certified Wireless Network Administrator (CWNP) Certification Exam.

CNG 2040 Virtual Environment Admin

3.0 Credits

Build and administer a hypervisor environment. Includes building of virtual machine (VM) infrastructure and skills such as patching, backing up and securing of both hypervisor and virtual machines.

CNG 2042 Cloud Computing

3.0 Credits

Installs, configures and manages a cloud environment. Builds on knowledge of hypervisor and virtual machine environments.

CNG 2056 Vulnerability Assessment Level 1

1.0 Credits

Presents students with an introduction to vulnerability assessment. Vulnerability assessment skills are necessary to understand how companies address vulnerabilities in the business environment. Students gain a better understanding of how information technology security integrates into the corporate world and how a balance must be achieved between security and functionality.

CNG 2058 Digital Forensics

2.0 Credits

Exposes the student to the field of digital computer forensics and investigation. This class provides the student with methods to properly conduct a digital forensics investigation including a discussion of ethics. Topics covered include fundamental concepts, history of computer forensics, file structures, data recovery techniques, computer forensic tools and analyses.

CNG 2059 Enterprise Security

4.0 Credits

This course challenges students to combine the skills learned in previous coursework (or work experience) and apply them in whole to a mock business IT environment. Students will work in their own virtualized server environment, complete with servers, routers, firewalls, VPN, IDS/IPS, wireless and other current technologies to develop a security policy and framework using risk analysis and risk management techniques.

Computer Information System

CIS 1015 Introduction to Computer Information Systems

3.0 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.

CIS 1017 Introduction to Technical Applications

4.0 Credits

Provides a basic introduction of standard software packages available to support a microcomputer-based workstation. Includes entry-level hands-on work with word processors, spreadsheets, electronic presentations and basic Internet functionality to support the technical environment.

CIS 1018 Intro to PC Applications

5.0 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.

CIS 1035 Complete Word Processing (software package)

3.0 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.

CIS 1045 Introduction to Desktop Database

3.0 Credits

Explores an array of database skills. Includes table, query, form, and report creation and modification. Also includes application integration.

CIS 1055 Complete Spreadsheets: (Software package)

3.0 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.

**CIS 1059 Microsoft Office Specialist Certification
Prep:Excel**

1.0 Credit

Prepares students for the Microsoft Office Specialist certification examination for Excel. Students use software to determine strengths and weaknesses and elect to review and prepare for either the Core or Expert level Certification exam. The MOUS test is not included in this course. 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.

CIS 2023 Linux

3.0 Credits

Introduces students to the concepts of installing, configuring, and managing the Linux operating system. Topics covered include working with various desktops, use of filesystem commands, and management of user and group permissions.

CIS 2046 Oracle Database Admin I

4.0 Credits

Provides a foundation in basic Oracle architecture, storage structure and database administrative tasks. Emphasizes the knowledge and skills to create databases and data dictionary views, and to manage Oracle instances, tables, tablespaces, data files, control files, redo log files and rollback segments.

CIS 2068 Systems Analysis and Design I

3.0 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.

Computer Science

CSC 1005 Computer Literacy

3.0 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.

CSC 1019 Introduction to Programming: (Programming Language)

Focuses on a general introduction to computer programming. This course emphasizes the design and implementation of structured and logically correct programs with good documentation. It is centered on basic programming concepts, including control structures, modularization, and data processing. A structured programming language is used to implement program designs. It emphasizes the writing of multiple programs following the software development process, from start to finish, including design, implementation, and testing.

CSC 1020 Problem Solving with (software package)

3.0 Credits

Provides an introductory-level course in computer programming using a high-level programming language. The course will cover the design and development of simple software applications. Topics covered will include design of software from initial phase through the coding phase, input and output of data, functions or methods, control structures, arrays and error handling.

CSC 1060 Computer Science I: (Language)

3.0 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.

CSC 1061 Computer Science II: (Language)

2.0 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.

CSC 1094 Service Learning

0.0 Credits

Allows the student to provide a service to the community utilizing knowledge and skills acquired from a course in which the student is currently enrolled or has previously taken at the student's respective college.

CSC 2030 C Programming: Platform

3.0 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).

CSC 2040 Java Programming

3.0 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.

Construction Technology

CON 1005 Construction Technology

4.0 Credits

Explores a variety of new software applications now available for the construction trade. Introduces computer applications such as CAD, scheduling, estimating, and accounting programs. Explores technology choices and compares them.

CON 1057 National Center for Construction Education & Research Core

6.0 Credits

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.

Cosmetology

COS 1003 Introduction to Hair and Scalp

4.0 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.

COS 1010 Introduction to Haircoloring

5.0 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.

COS 1011 Intermediate I: Haircoloring

2.0 Credits

Expands on haircoloring 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.

COS 1020 Introduction to Haircutting

2.0 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.

COS 1021 Intermediate I: Haircutting

2.0 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.

COS 1030 Introduction to Hairstyling

2.0 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.

COS 1031 Intermediate I: Hairstyling

2.0 Credits

This course covers the accepted methods of styling hair, air forming, roller sets, finger waves, pin curls, braiding, and hair pressing.

COS 1040 Introduction to Chemical Texture

1.0 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.

COS 1041 Intermediate I: Chemical Texture

1.0 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.

COS 1050 Laws, Rules, and Regulations

3.0 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.

COS 1060 Introduction to Infection Control and Prevention

4.0 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.

COS 1061 Intermediate I: Infection Control and Prevention

1.0 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.

COS 2003 Intermediate I: Hair and Scalp

2.0 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.

COS 2010 Intermediate II: Haircoloring

3.0 Credits

This course covers the 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.

COS 2011 Advanced Haircoloring

3.0 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.

COS 2020 Intermediate II: Haircutting

2.0 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.

COS 2021 Advanced Haircutting

2.0 Credits

This course covers advanced haircutting techniques utilizing multiple cutting tools and emphasizes current fashion trends and preparation for the Colorado State Licensure examination.

COS 2030 Intermediate II: Hairstyling

2.0 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.

COS 2031 Advanced Hairstyling

1.0 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.

COS 2040 Intermediate II: Chemical Texture

1.0 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.

COS 2041 Advanced Chemical Texture

1.0 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.

**COS 2050 Business Management /Personal Skills/
Ethics**

1.0 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.

**COS 2060 Intermediate II: Infection Control and
Prevention**

2.0 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.

COS 2061 Advanced Infection Control and Prevention

1.0 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.

COS 2062 **Advanced II: Disinfection, Sanitation & Safety**

6.0 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.

COS 2088 **Practicum**

0.0 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.

Criminal Justice

CRJ 1010 **Introduction to Criminal Justice: GT-SS3**

5.0 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.

CRJ 1025 **Policing Systems**

4.0 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.

CRJ 1027 **Crime Scene Investigation**

4.0 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.

CRJ 1035 **Judicial Function**

3.0 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

CRJ 1045 **Correctional Process**

3.0 Credits

Examines the history of corrections in America from law enforcement through the administration of justice, probation, prisons, correctional institutions, and parole. This course examines the theories, rationales for punishment, and the political system in which corrections, as a component part of the criminal justice system, needs to operate. The course emphasizes legal, sociological, psychological, and other interdisciplinary approaches that effect the operation of a correctional system.

CRJ 2005 Principles of Criminal Law

3.0 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.

CRJ 2010 Constitutional Law

3.0 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.

CRJ 2020 Human Relations and Social Conflict

3.0 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.

CRJ 2030 Criminology

3.0 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.

CRJ 2036 CRJ Research Methods

3.0 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.

CRJ 2057 Victimology

3.0 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.

Data Science

DAT 1001 Introduction to Data Science

3.0 Credits

Provides a foundational overview of data science and develops the knowledge required to make data-driven decisions to address real-world problems. The course introduces how to collect data from different sources, use of statistics to draw conclusions about a given data set, use of technology to visualize data and some of the challenges associated with storing, manipulating, analyzing and securing data. Computational tools are used as a component of the course.

DAT 2002 Visualizing Data

3.0 Credits

Focuses on the analysis and design of visual representations of statistical information. The analysis and evaluation of existing graphics are combined with principles from disciplines such as statistics, computer science, and graphic design to define the criteria for a quality visualization. Various software tools are used to develop static and interactive visualizations to identify patterns, convey messages, make decisions, and tell stories with data.

DAT 2025 Intro to Machine Learning

3.0 Credits

Provides the foundation for students to explore, practice, and apply mathematical concepts for pattern recognition, neural networks, and machine learning. The course covers algorithmic and mathematical methods that are required for machine learning techniques, as well as the theoretical relationships between these algorithms. Coding may be required as the course provides practice in translating the above mathematical concepts into computer programs.

Dental Assisting

DEA 1001 Dental Terminology

3.0 Credits

Focuses on a general introduction to computer programming. This course emphasizes the design and implementation of structured and logically correct programs with good documentation. It is centered on basic programming concepts, including control structures, modularization, and data processing. A structured programming language is used to implement program designs. It emphasizes the writing of multiple programs following the software development process, from start to finish, including design, implementation, and testing.

1.0 Credit

Includes colloquial versus professional terminology, word elements and structure as they apply to dental terminology.

DEA 1011 Introduction to Dental Practices

1.0 Credit

Includes roles and responsibilities of the dental health team; educational background for the various specialties including general practitioner, hygienist, dental assistant; history, legal implications, ethical responsibilities and the role of professional organizations.

DEA 1015 Infection Control

3.0 Credits

Includes basic information concerning infection and disease transmission in the dental office. Emphasizes knowledge of microorganisms, with an emphasis on aseptic techniques, sterilization, and hazardous communication management.

DEA 1016 Medical Emergencies in the Dental Office

3.0 Credits

Includes techniques for taking and reading vital signs. Emphasizes recognition, prevention, and management of medical emergency situations in the dental office. Covers completing and updating patient health history. Addresses pharmacology.

DEA 1021 Principles of Clinical Practice

4.0 Credits

Includes techniques used in four handed dentistry, instrument identification, and armamentarium for tray set-ups. Covers sterilization and aseptic procedures.

DEA 1023 Dental Materials I

3.0 Credits

Includes fundamentals of dental materials as they apply to clinical and laboratory applications of cements, bases, liners, dental metals, resins, glass ionomers, ceramics and dental abrasives.

DEA 1024 Dental Radiography

3.0 Credits

Focuses on the science of radiography, the application of radiographic techniques, and aseptic techniques.

DEA 1081 Dental Clinical Internship I

0.0 Credits

Provides an opportunity to perform clinical dental assisting skills in a dental office or clinical setting and work toward completing clinical hours required by the Commission on Dental Accreditation (CODA).

Early Childhood Education

ECE 1011 Introduction to Early Childhood Education

3.0 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.

ECE 1031 Guidance Strategies for Young Children

3.0 Credits

Provides an exploration of guidance theories, techniques, and practices used to address repeated patterns of child behavior that interferes with a young child's ability to learn and be engaged 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.

ECE 1045 Introduction to Early Childhood Education Techniques

3.0 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.

ECE 1111 Infant and Toddler Theory and Practice

3.0 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.

ECE 1125 Intro to Infant\Toddler Lab Techniques

3.0 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.

ECE 2051 ECE Nutrition, Health, and Safety

3.0 Credits

Focuses on nutrition, health, and safety as key factors for optimal growth and development of young children. This course includes nutrition knowledge, menu planning, food program participation, health practices, management and safety, appropriate activities, and communication with families for early childhood educators. This course addresses children ages birth through 12 years.

ECE 2088 Practicum: Early Childhood Education

0.0 Credits

Provides students with advanced field experience opportunities in early childhood education programs.

ECE 2089 Capstone: Early Childhood Education

0.0 Credits

Incorporates a demonstrated culmination of learning within a given program of study.

ECE 2101 Working with Families and Communities

3.0 Credits

Examines professional attitudes related to working with diverse families and how unconscious bias may affect family-professional partnerships in early care and education settings. This course covers theoretical perspectives of families and communities, communication strategies, and an exploration of activities and resources to support family engagement in their children's education. Supporting equity and inclusion of all family cultures in early care and education settings for children ages birth through eight.

ECE 2381 ECE Child Growth and Development

3.0 Credits

Covers the growth and development of the child from conception through the elementary school years. This course emphasizes physical, cognitive, language, social, and emotional domains of development as they pertain to the concept of the whole child. It also includes ways adults can provide a supportive early childhood care and educational environment through teamwork and collaboration.

ECE 2401 Administration of Early Childhood Care and Education Programs

3.0 Credits

Provides foundational knowledge in early childhood program business operations, program development, and evaluation. This course covers administrative skills, ethical decision making, risk and resource management, and components of quality Early Childhood Education (ECE) programs serving children ages birth through 12 years.

ECE 2411 Administration: Human Relations for Early Childhood Education

3.0 Credits

Focuses on the human relations component of an early childhood professional's responsibilities. This course includes director-staff relationships, staff development, leadership strategies, family-professional partnerships, and community interaction.

ECE 2601 The Exceptional Child

3.0 Credits

Presents an overview of critical elements related to educating young children with disabilities or special needs in the early childhood setting. Topics include: typical and atypical development; legal requirements; research-based practices related to inclusion; teaming and collaboration; and accommodations and adaptations. This course examines how a disability or special need may impact a young child's learning process. This course addresses children ages birth through 8 years.

ECE 2621 ECE Curriculum Development: Methods and Techniques

3.0 Credits

Provides an overview of early childhood curriculum development. This course includes processes for planning and implementing developmentally appropriate environments, materials, and experiences that represent best practices in early childhood (EC) program settings. This course addresses children ages birth through 8 years.

ECE 2631 Language and Cognition for the Young Child

3.0 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.

ECE 2641 Creativity and the Young Child

3.0 Credits

Explores creative learning theories and evidence-based practices related to creative self-expression with young children. The course emphasizes the teacher's role in encouraging and supporting creativity and problem-solving skills. The course also addresses the use of developmentally appropriate curriculum planning to promote creative self-expression in all developmental domains for children ages birth through 8 years.

Economics

ECO 1001 Economics of Social Issues

3.0 Credits

Examines major contemporary socio-economic issues and policies such as drugs and crime, education, health care, poverty and inequality, and globalization. These issues will be explored using economic tools and methods. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

ECO 2001 Principles of Macroeconomics: GT-SS1

3.0 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.

ECO 2002 Principles of Microeconomics: GT-SS1

3.0 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.

ECO 2045 Environmental Economics: GT-SS1

3.0 Credits

Introduces contemporary environmental issues and policies meant to reduce environmental degradation. It introduces the concept of market failure due to pollution. The course covers government pollution reduction policies for air, water, and natural environments. It also covers analytical tools that are used to analyze the effectiveness of these policies. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

Education

EDU 1088 Practicum I

0.0 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 2088 Practicum II

0.0 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 2211 Introduction to Education

3.0 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 the educational theory and practices from Early Childhood Education (ECE) through secondary education.

EDU 2221 Effective Teaching

1.0 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.

EDU 2341 Multicultural Education

3.0 Credits

Explores racial, ethnic, cultural, and socioeconomic groups to gain an understanding of equity, diversity, and inclusion in communities and education. This course provides opportunities to contextualize multicultural perspectives in society and their impact on the education system.

EDU 2401 Teaching the Exceptional Learners

3.0 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.

EDU 2611 Teaching, Learning & Technology

3.0 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.

Electricity Ind/Commercial

EIC 1002 Electrical Principles and Applied Calculations

3.0 Credits

Provide the fundamental principles that are involved with all electrical calculations and operations as well as practical applications of various concepts.

EIC 1102 Safety & Industry Certifications

5.0 Credits

Learn a comprehensive review of electrical industry safety standards. When applicable, the student will earn a permit and/or certification in the following areas: CDL Licensing, First Aid/CPR/AED, Flagging, OSH 1910.269, National Electric Safety Code Rescue Procedures, Excavation Safety and use of Personal Protective Equipment.

EIC 1210 Power Theory & High Volt Appar

3.0 Credits

Focuses on Ohm's Law, measurements, fundamentals of AC and DC circuits, with an emphasis on transformers and transformer connections, identify key elements in high voltage electrical systems from the generation station to the end consumer.

EIC 1230 Underground Power Systems

7.0 Credits

Learn safety practices and related safety manual regulations, terminology, tool usage, fault finding, cable locating, equipment operation, switching procedures, installation of terminal devices, cable pulling, splicing, material identification, transformer and apparatus applications.

EIC 1231 Overhead Power Systems

9.0 Credits

Learn safety practices, terminology, material identification, construction standards as per specification books, equipment identification and use, pole climbing, and overhead construction.

Emergency Medical Services

EMS 1022 EMT Medical Emergencies

5.0 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.

EMS 1023 EMT Trauma Emergencies

2.0 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.

EMS 1024 EMT Special Considerations

2.0 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 materials, and terrorism.

EMS 1026 EMT Basic Refresher

2.0 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.

EMS 1070 EMT Clinical

1.0 Credit

Provides the EMT student with the clinical experience required for initial certification and some renewal processes.

**EMS 1071 Advanced Emergency Medical Technician
Clinical Internship**

2.0 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.

EMS 1015 Emergency Medical Responder

3.0 Credits

Provides the student with core knowledge and skills to function in the capacity of a first responder arriving at the scene of an emergency, providing supportive care until advanced EMS help arrives.

EMS 1021 EMT Fundamentals

6.0 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.

EMS 1071 AEMT Clinical Internship

2.0 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.

EMS 1075 Special Topics

0-12 Credits

Provides the student with a vehicle to pursue in depth exploration of special topics of interest

EMS 1081 EMS Internship I

3.0 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.

EMS 1125 Advanced Emergency Medical Technician Fundamentals

2.0 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.

EMS 1127 Advanced Emergency Medical Technician Special Considerations

2.0 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.

EMS 1129 Emergency Medical Technician Pharmacology

0.0 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.

EMS 1132 EMS Intravenous / Intraosseous Therapy

1.0 Credits

Focuses on 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.

EMS 1133 Advanced Emergencies Medical Technician Medical Emergencies

3.0 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.

EMS 1135 Advanced Emergency Medical Technician Trauma Emergencies

2.0 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

EMS 2006 EMT Intermediate Refresher

2.0 Credits

Meets or exceeds minimum requirements for renewing EMT Intermediate or EMT Intermediates in the re-entry program.

EMS 2020 Paramedic Refresher

3.0 Credits

Updates the EMT-P in four specific areas of prehospital emergency care. Includes trauma, medical, Advanced Life Support (ALS) and elective topics focused on ancillary issues in EMS.

EMS 2025 Fundamentals of Paramedic Practice

3.0 Credits

Introduces the paramedic student to the advanced practice of prehospital care. This course covers professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and basic and advanced airway management. This course discusses EMS 's role in the healthcare continuum, professional communication, patient care documentation, IV fluid therapy and resuscitation, and the application of evidence based medicine. A brief overview of human anatomy, physiology and pathophysiology is included.

EMS 2026 Fundamentals of Paramedic Practice - Lab

3.0 Credits

Teaches the skills necessary for the paramedic to apply professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and airway management. Serves as the companion course to Fundamentals of Paramedic Practice.

EMS 2027 Paramedic Special Considerations

4.0 Credits

Introduces the paramedic student to concepts in assessing and meeting the emergency care needs of the neonate, pediatric, geriatric and special needs patient. This course focuses on epidemiology, pathophysiology, assessment and treatment of these patient groups. Common medical and traumatic presentations are addressed. Relevant psychosocial and ethno cultural concepts and legal and ethical implications are integrated throughout.

EMS 2028 Paramedic Special Considerations Lab

3.0 Credits

Teaches the skills necessary for the paramedic to effectively assess and treat neonatal, pediatric, geriatric, and special needs patients utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Special Considerations.

EMS 2029 Paramedic Pharmacology

4.0 Credits

Introduces the paramedic student to advanced emergency pharmacology, pharmacokinetics and pharmacodynamics. This course will include laws affecting the use and distribution of medications, medication dosing, clinical calculations, routes of administration and discussion of common medication classifications to include indications, contraindications and side effects.

EMS 2030 Paramedic Pharmacology Lab

2.0 Credits

Teaches the skills necessary for the paramedic to safely and effectively administer emergency medications. Serves as the companion course to Paramedic Pharmacology.

EMS 2031 Paramedic Cardiology

3.0 Credits

Introduces the paramedic student to cardiovascular emergencies and the care of patients presenting with cardiovascular emergencies. Topics will include assessment of the cardiovascular system, ECG acquisition and interpretation both single lead and 12 lead, pathophysiology of cardiovascular disease and treatments indicated for a given disease.

EMS 2032 Paramedic Cardiology Lab

1.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients presenting with cardiovascular emergencies utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Cardiology.

EMS 2033 Paramedic Medical Emergencies

4.0 Credits

Expands on the paramedic student's knowledge of medical emergencies with the Integration of assessment findings in formulating a field impression and implementing a treatment plan. This course will cover principles of epidemiology and pathophysiology related to common medical emergencies including: neurological, abdominal and gastrointestinal disorders, immunological, infectious diseases, endocrine disorders, psychiatric disorders, toxicological, respiratory, hematological, genitourinary, gynecological, non-traumatic musculoskeletal disorders, and diseases of the eyes, ears, nose, and throat

EMS 2034 Paramedic Medical Emergencies Lab

1.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients with a variety of medical emergencies utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Medical Emergencies.

EMS 2035 Paramedic Trauma Emergencies

3.0 Credits

Expands on the paramedic student's knowledge of trauma emergencies with the integration of assessment findings in formulating a field impression and implementing a treatment plan for an acutely injured patient.

The course will provide an in depth evaluation of trauma to include: categorization of trauma patients, incidence of trauma, trauma systems, types of injury, trauma assessment, documentation in trauma, trauma scoring scales, trauma center designations, and transfer of patients.

EMS 2036 Paramedic Trauma Emergencies Lab

3.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients with a variety of traumatic emergencies utilizing skills and simulation scenarios. Serves as the companion lab course for Paramedic Trauma Emergencies.

EMS 2037 Paramedic Internship Preparatory

4.0 Credits

Reviews concepts and techniques used in the prehospital setting.

EMS 2075 Special Topics

0-12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest. English

EMS 2080 Internship I: Paramedic

0.0 Credits

Serves as the preceptor/internship program for paramedic students.

EMS 2081 Paramedic Internship II

0.0 Credits

Serves as the continuation of EMS 280, preceptor program for paramedic students.

Engineering

EGG 1030 Robotics Design

1.0 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.

EGG 1051 Introduction to Experimental Design and Engineering

5.0 Credits

Introduces the design and construction of scientific and/or engineering experiments. This course covers the entire life cycle of the experiment or prototype from concept generation and design through construction, making measurements, analysis of collected data, and communication of results.

English

ENG 0092 Composition and Reading

7.0 Credits

Integrates and contextualizes college-level reading and writing.

ENG 0094 Studio 1021

5.0 Credits

Integrates and contextualizes reading and writing strategies tailored to co- requisite ENG 1021 coursework.

ENG 1015 Technical English & Communication

3.0 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 in order to become successful (or to remain successful) in the workplace.

ENG 1021 English Composition I : GT-CO1

3.0 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.

ENG 1022 English Composition II:GT-CO2

3.0 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.

ENG 1031 Technical Writing I: GT-CO1

3.0 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.

ENG 2001 English Composition III: GT-CO3

3.0 Credits

Provides the skills necessary to enter into higher-level undergraduate academic discourse or professional workplace writing. This course extends rhetorical knowledge and develops critical reading, thinking, and writing strategies in multiple specialized areas of discourse beyond what is encountered in previous composition courses. Guaranteed Transfer (GT) Pathways Course Statement: The Colorado Commission on Higher Education has approved ENG 2001 for inclusion in the Guaranteed Transfer (GT) Pathways program in the GT-CO3 category.

ENG 2021 Creative Writing I: GT-AH1

3.0 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.

ENG 2022 Creative Writing II

3.0 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.

Environmental Science

ENV 1010 Natural Disasters: GT-SC2

3.0 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.

ENV 1111 Environmental Science with Lab: GT-SC1

5.0 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.

Esthetician

EST 1010 Introduction to Skin Care

3.0 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.

EST 1011 Intermediate Skin Care

2.0 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.

EST 2010 Advanced Skin Care

2.0 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.

EST 2011 Make-up for Skin Care Professionals

1.0 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.

EST 2012 Hair Removal

3.0 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.

Ethnic Studies**ETH 2000 Introduction to Ethnic Studies: GT-SS3**

3.0 Credits

Introduces the issues of race and ethnicity through the exploration of four major groups in the United States. This course explores issues of race and identity, racism and discrimination, stereotyping, prejudice, segregation, colonialism, integration, and acculturation pertaining to Americans of African, Asian, Latino, and Indigenous descent, as well as additional ethnic identities. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Finance**FIN 2010 Principles of Finance**

3.0 Credits

Provides factual knowledge of financial institutions and the monetary system used in the United States in relationship to the global economy. Examines tools and techniques such as capital budgeting, time value of money, analysis of financial statements, cost of capital, and risk analysis to analyze business decisions, plan and determine project and firm value, and evaluate sources of financing.

FIN 3020 Applied Finance

3.0 Credits

Focuses on applying financial concepts, ethical and financial sustainability practices to promote managerial success and improve organizational performance. It addresses the budgeting process, raising capital and examines cash and risk management. Topics include analysis of financial markets, managing financial performance, cash and capital budgeting, risk versus return, capital structure, time value of money, and financing for both short and long-term requirements.

Geographical Information Sys**GIS 1000 Geographic Information System Fundamentals**

3.0 Credits

Introduce students to an overview of geospatial technology. Students will be introduced to the concepts of spatial thinking and analysis through the exploration of GIS, Remote Sensing, web-based maps and mobile mapping. Emphasis is placed on understanding the fundamental aspects of these technologies and how they are currently being applied across a variety of disciplines.

GIS 1001 Introduction to Geographic Information Systems

3.0 Credits

Surveys the development, application and use of geographic information systems (GIS).

Geography**GEO 1005 World Regional Geography: GT-SS2**

3.0 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.

GEO 1006 Human Geography: GT-SS2

3.0 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.

GEO 1012 Physical Geography - Weather, Climate and Ecosystems w/Lab: GT-SC1

5.0 Credits

Introduces the principles of meteorology, climatology, ecology, and regional climate classification. The course investigates the geographic factors which

influence climate and ecosystems such as topography, elevation, winds, ocean currents, and latitude. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Geology

GEY 1111 Physical Geology with Lab: GT-SC1

6.0 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.

GEY 1112 Historical Geology w/Lab: GT: SC1

4.0 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.

Gun Range

GUR 1020 NRA Range Safety Officer Course

0.5 Credits

Designed for persons who have been assigned by a ranger owner, operator, or manager to oversee range safety. Course content includes: ensuring the range is safe to use; conducting range safety briefings for shooters; handling ammunition and firearm malfunctions safely; supervising safety aspects of shooting activities; and handling emergency procedures as established by the range management.

GUR 1006 NRA Basic Pistol Shooting

0.5 Credits

Provides the basic knowledge, skills, and attitude necessary to safely own and use a pistol.

GUR 1012 NRA Personal Protection Course

1.0 Credits

Introduces the basic knowledge, skills, and attitude necessary for the safe and proper use of a handgun, and provides information on the Citizen's right of self-defense. It is of benefit to beginning and experienced shooters alike.

GUR 2000 NRA Basic Instruction Training

0.5 Credits

Covers teaching principles, instructional techniques, and training aids used to teach the NRA Basic Firearms Training Courses.

GUR 2001 NRA Home Firearm Safety Instructor Course

0.5 Credits

Covers teaching principles, instructional techniques, and training aids used to organize and conduct the NRA Home Firearms Safety Instructor Course.

GUR 2006 NRA Basic Pistol Instructor Course

1.0 Credits

Designed to develop NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Basic Pistol Shooting Course.

GUR 2007 NRA Basic Shotgun Shooting Instructor

1.0 Credit

Covers teaching principles, instructional techniques, and training aids used to teach the NRA Basic Shotgun Shooting Instructor course.

GUR 2008 NRA Muzzleloading Instructor

1.0 Credit

Develops NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Basic Muzzleloading Course/s.

GUR 2010 NRA Basic Rifle Instructor

1.0 Credit

Covers teaching principles, instructional techniques, and training aids used to organize and conduct the NRA Basic Rifle Shooting Instructor Course.

GUR 2012 NRA Personal Protection Instructor

1.0 Credits

Develops NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Personal Protection Course.

GUR 2050 Instructional Leadership

1.0 Credits

Provides practical application of the teaching and organizational skills learned in the TSJC/NRA Shooting and Firearms Safety course series using an internship model. The student will assist in the planning, promotion, teaching, and follow up documentation for one NRA Firearms Safety class. This is the final course in the TSJC/NRA Firearms Safety Instructor Certificate program.

Gunsmithing

GUS 1000 Orientation and Firearms Safety

0.5 Credits

Incorporates two parts in this course - 1) orientation to the gunsmithing program and 2) introduction to the basic principles of firearm safety. Completing students receive an NRA home firearm safety certificate of completion.

GUS 1001 Introduction to Small Arms

4.0 Credits

Introduces the history, basic functions, and troubleshooting techniques for modern military small arms.

GUS 1002 Introduction to Firearms

2.0 Credits

Explores the history of firearms and ammunition, firearms design and the function of modern firearms.

GUS 1003 Small Arms Hand Tools, Bench Work, Metallurgy, and Shop Practices

4.0 Credits

Introduces hand tools, benchwork, basic metallurgy, shop practices, and inspection procedures common to small arms repair work. This includes shop safety, proper use of precision and semi-precision measuring tools, basic heat-treating of steel, forging, metal finishing, and small arms inspection.

GUS 1010 Firearms Bench Metal

6.0 Credits

Emphasizes shop safety and hand work, including: the proper use of measuring and hand tools, layout, drilling, sawing, filing, soldering, silver soldering, forging, heat treatment, and hand polishing.

GUS 1012 Firearms Machine Shop I

6.0 Credits

Introduces theory and practice of shop safety, metalworking lathe, and milling machine operations. Students will demonstrate proper use of machine tools while making specialized gunsmithing tools.

GUS 1019 Stockmaking I

6.0 Credits

Introduces stockmaking techniques for a bolt action rifle from semi-inletted blanks. The course will cover inletting the barrel and trigger guard, glass bedding, installing grip cap, recoil pad, fore-end tip, swivels, shaping, sanding and finishing.

GUS 1027 Firearms Machine Shop II

4.0 Credits

Continues the theory and practice of shop safety, metalworking lathe, and milling machine operations. Students will demonstrate proper use of machine tools while making specialized gunsmithing tools and fitting, chambering, and contouring a barrel for a bolt action rifle.

GUS 1035 Firearms Conversions

6.0 Credits

Examines various techniques for conversion of military rifle actions into customized sporter rifle actions. Bolt handles, safeties, iron sights, scope mounts, adjustable triggers, and trigger guard contouring and other custom conversions and accessories will be included.

GUS 1036 Firearms Metal Finishing

2.0 Credits

Focuses on the skills necessary to perform firearms bluing and parkerizing techniques. Topics include necessary equipment, chemical mixing procedures, and

safety as they apply to hot caustic bluing, rust bluing, parkerizing and metal preparation.

GUS 1039 Stock Duplication

2.0 Credits

Introduces gunstock woods, stock layout, and basic stock duplicating machine operations. Students will sharpen chisels, design and cut a semi- inleted gunstock.

GUS 1047 Firearms Repair I

4.0 Credits

Explores firearms repair theory and practice. Topics include necessary tools, design, function, takedown, troubleshooting, assembly and repair of selected handguns, shotguns, and rifles.

GUS 1050 Knifemaking I

2.0 Credits

Incorporates theory, individualized instruction and student project work. Enables the student to develop skill by completing the entire process required to construct a knife. The number of projects are determined by instructor and student.

GUS 1051 Knifemaking II

2.0 Credits

Builds on the skills learned in GUS 150 and continues individualized instruction and project work. Enables the student to develop skills by completing the entire process required to construct a knife. Covers Lockback and Hollowground knives. The number of projects are determined by the instructor and student.

GUS 1062 Gunstock Checkering

2.0 Credits

Includes pattern design, laying out, scribing, transferring the pattern, checkering techniques, and finishing. Hand and power checkering tools will be covered.

GUS 2001 Tools and Fixtures

2.0 Credits

Focuses on the study and manufacture of tools including milling cutters, taps, dies, and reamers. Includes the study and measurement of screw threads. Incorporates projects to include milling cutters, reamers, taps, and dies.

GUS 2002 CNC I

2.0 Credits

Incorporates a combined lecture/lab that provides an overview of CNC machining and programming. Enables the student to program and machine small parts.

GUS 2005 Firearms Machine Shop III

4.0 Credits

Continues the study of machine tool operation with special emphasis on gunsmithing procedures. Course work includes safety, milling, lathe, and advanced barrel fitting and chambering.

GUS 2008 Alternative Metal Finishes

2.0 Credits

Examines alternative spray-on and transfer coatings available to the modern gunsmith.

GUS 2040 Shotgunsmithing

2.0 Credits

Provides the advanced gunsmithing student the theories and principles of the most popular shotgun modifications. Emphasizes back boring, choke tubes, forcing cones, shotgun beads, and dent removal.

GUS 2045 Stockmaking II

6.0 Credits

Explores advanced stockmaking techniques for one and two piece gunstocks of both wood and synthetic materials. Techniques in glass bedding, gun fitting, installation of custom hardware and finishing techniques will also be studied.

GUS 2047 Firearms Repair II

7.0 Credits

Provides an advanced gunsmithing course in firearms repair theory and practice. Topics include design, function, takedown, troubleshooting, assembly

and repair of selected shotguns, rifles, and handguns. Also included is the use of specialized tools and fixtures.

GUS 2051 Bolt action accuracy Blueprinting

2.0 Credits

Focuses on the study of the necessary modifications to convert the standard bolt action into a varmint, bench rest, or match rifle action. Emphasizes the remachining of the main line and lock up areas of the action. These operations create a straight action concentric to its bore. Covers the building and use of specialized tools and fixtures as well as precision barrel fitting.

GUS 2065 Comprehensive Skills Evals

0.5 Credits

Learn competencies through a comprehensive evaluation after students have completed the Gunsmithing Program curriculum.

GUS 2068 Custom Pistolsmithing

3.0 Credits

This course instructs the gunsmithing student in the principles necessary to modify a Colt, Government style 1911 model (or its copies) into a competition firearm used in various shooting sports. Topics covered include: inspecting, troubleshooting, executing custom modifications using specialized tools, jigs, and fixtures, reassembly, and performing post assembly checks on Colt 1911 type semi-automatic handguns.

GUS 2069 Custom Revolversmithing

3.0 Credits

Topics covered include inspecting, troubleshooting, executing custom modifications, reassembly, and performing post assembly checks on Smith & Wesson double action type revolvers.

GUS 2075 Special Topics

0-12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

GUS 2089 Capstone

0-12 Credits

To Be Determined by Instructor Gunsmithing – NRA

GUS 2200 Small Arms Repair

4.0 Credits

Explores small arms repair theory and practice. Topics include special tools, small arms design and function, troubleshooting, disassembly, repair, reassembly, and testing of current military small arms.

GUS 2201 Machine Gun Repair

4.0 Credits

Explores machine gun repair theory and practice. Topics include special tools, design and function, troubleshooting, disassembly, repair, reassembly, and testing of current military machine guns.

Gun Repair

GUR 1001 NRA Home Firearm Safety Course

0.5 Credits

To teach the basic knowledge and skills and to explain the attitude necessary for the safe handling and storage of guns in the home.

GUN 1004 Blueing and Metal Finishes

2.0 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

GUR 1007 NRA Basic Shotgun Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a shotgun.

GUR 1008 NRA/NMLRA Muzzleloading Pistol Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading pistol.

GUR 1009 **NRA/NMLRA Muzzleloading Rifle Shooting**

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading rifle.

GUR 1010 **NRA Basic Rifle Shooting**

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a rifle.

GUR 1011 **NRA/NMLRA Muzzleloading Shotgun Shooting**

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading pistol.

GUR 2020 **NRA Chief Range Safety Officer Course**

0.5 Credits

Develops NRA Certified Range Safety Officers who possess the knowledge, skills, and attitude necessary to train and supervise NRA Range Safety Officers and to provide the essential information to develop Range Standard Operating Procedures.

Gunsmithing - NRA

GUN 1003 **Blueing**

2.0 Credits

Covers blueing methods, chemicals, temperatures, and equipment. Incorporates hands-on experience with firearm disassembly, metal preparation, and blueing process.

GUN 1005 **Color Case Hardening**

2.0 Credits

Focuses on first hand experience in color case hardening. Includes equipment, metal preparation, types of charcoal, quenching mediums, and source of supplies. Students should bring two or three suitable actions and other parts (grip caps, butt plates, or similar small parts) to be color case hardened. Contact the instructor to make sure that your actions are suitable for color case hardening.

GUN 1016 **Basic Precision Welding**

2.0 Credits

Serves as a forty-hour block of hands-on instruction in four welding processes: Oxy/Acetylene; Shielded Arc Welding; Gas Metal Arc Welding (MIG); and Gas Tungsten Arc Welding (TIG). Emphasizes fabrication and repair of small metal fixtures and parts relating to the gunsmithing industry.

GUN 1020 **Basic Machine Shop**

2.0 Credits

Incorporates instruction and hands-on experience in machine tool operation. Focuses on experience with the drill press, metalworking lathe, and milling machine in the manufacture of parts and tools. Enrollment is limited to 14 students.

GUN 1021 **Advanced Machine Shop**

2.0 Credits

Provides further instruction and practice on machine tool operations. Focuses on rifle rebarreling techniques and advanced machine shop operations. Projects vary according to individual interests, but could include tool making or octagon barrels. Enrollment is limited to 14 students.

GUN 1022 **Tools and Fixtures**

2.0 Credits

Serves as a one-week machine shop course that covers the making of various specialized tools and fixtures used in the gunshop. Projects vary depending on the requirements of the individual student and the types of firearms they wish to work on.

GUN 1030 **Introduction to Computer Numerical Control (CNC) Machining**

2.0 Credits

Covers the history of Computer Numerical Control (CNC) machining development, major types of CNC machinery, basic shop math for CNC operations, basic machining processes related to CNC operations, fundamentals of CNC machine set-up and operations, and common types of work piece materials.

GUN 1068 **Single Action Revolver Modifications**

2.0 Credits

Serves as a one-week course designed for Ruger single action revolvers, although the Colt SAA and copies are also welcome. Covers basic action tuning (general use, hunting, and Cowboy), troubleshooting, timing, barrel fitting, and sight installations.

GUN 1101 Introduction to Gunsmithing

2.0 Credits

Covers operational theory, disassembly and assembly, proper use of the hand tools and precision measuring instruments, and an introduction to basic bench work of the gunsmithing trade. Addresses minor gun repair and the installation of firearm accessories. Includes a brief study of Federal Firearms Law and record keeping.

GUN 1102 Gunsmithing Hand Tools

2.0 Credits

Introduces gunsmithing tools and their use. Enables the student to make various specialized gunsmithing hand tools. Includes filing, layout work, forging, soldering, brazing, basic metallurgy and heat treating, and shop safety.

GUN 1108 Blueprint Bolt Actions

2.0 Credits

Provides instruction in the highest quality benchrest and competitive rifle techniques for the truing and lapping of the bolt action. Involves tuning the lug seats in the receiver and on the bolt, turning bolt faces and fitting oversize recoil lugs, and installing Sako type or AR 15 extractors to complete the alteration. Students provide their own action, lugs and extractors.

GUN 2075 Special Topics

0.0 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

Health & Wellness

HWE 1050 Human Nutrition

3.0 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.

Health Professional

HPR 1010 Dietary Nutrition

1.0 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.

HPR 1036 Human Diseases

1. Credits

Covers basic knowledge of the deviations that occur in the human body with disease and injury. An integrated study of signs/symptoms, diagnostic tests and treatment.

HPR 1039 Medical Terminology

2.0 Credits

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.

HPR 1040 Comprehensive Medical Terminology

3.0 Credits

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.

HPR 1050 Basic EKG Interpretation

2.0 Credits

Lecture/ Provides instruction for interpretation of EKG strips, anatomy and physiology of the heart, using three-lead monitoring as a guide. Three-lead EKG may be discussed.

HPR 2011 ACLS

1.0 Credits

Presents the required material for ACLS completion. It will cover arrhythmias, medications, therapeutic modalities for life threatening arrhythmias, airway management, and other treatment modalities used in cardiac and respiratory arrest.

History

HIS 1110 The World: Antiquity-1500: GT-HI1

3.0 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.

HIS 1120 The World: 1500-Present: GT-HI1

3.0 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.

HIS 1210 United States History to Reconstruction: GT- HI1

3.0 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 gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 1220 United States History Since the Civil War: GT-HI1

3.0 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.

HIS 1310 Western Civilization: Antiquity-1650: GT-HI1

3.0 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.

HIS 1320 Western Civilization: 1650-Present: GT-HI1

3.0 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.

HIS 2015 20th Century World History: GT-HI1

3.0 Credits

Investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions, empires, and nation-states since the late nineteenth century. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2105 Women in U.S. History: GT-HI1

3.0 Credits

Examines women's changing roles in American history. It explores the nature of women's work and the participation of women in family, political, religious, and cultural activities and in social reform movements. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2110 African American History: GT-HI1

3.0 Credits

Explores the experiences and contributions of African Americans from the colonial period to the present through the social and economic lives and roles of African Americans, their roles in politics and war, their achievements, and movements for self-help and civil rights. 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.

HIS 2115 American Indian History: GT-HI1

3.0 Credits

Analyzes historical and socio-cultural change for Native Americans from pre-colonial America to the present, emphasizing those processes and relations with non-Native Americans which have contributed to current conditions. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2135 Colorado History:GT-HI1

3.0 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.

Horticulture

HLT 1101 Introduction to Horticulture

4.0 Credits

Introduces the biology of horticultural plants, and basic horticultural practices.

Human Performance and Exercise

HPE 1000 **Introduction to Physical Education and Sport**

2.0 Credits

Focuses on the field of physical education and sports. Includes trends, precedents and their effects in the health and total wellness of those involved.

HPE 1001 **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.

HPE 2000 **Perspectives in PE & Sport**

3. Credits

This course discusses the breadth, scope, and nature of the profession. It is an orientation to the history and philosophy of human performance and the factors that influence its evolution. Special consideration is giving to the history of sport from antiquity to the present, particularly the Olympic Games.

HPE 2031 **Care and Prevention of Athletic Injuries**

3.0 Credits

Focuses on techniques in prevention, care and basic rehabilitation of athletic injury.

Human Services

HSE 1006 **Survey of Human Services**

3.0 Credits

Provides a philosophical, political, statutory and contemporary overview of the role, values, knowledge and intervention strategies encountered by human service professionals in addressing social problems.

HSE 1007 **Interviewing Principles and Practices**

3.0 Credits

Provides a beginning level of information on theoretical concepts, primary principles, strategies and interventions implemented in the practice and delivery of human services to individuals and families using the human services interview.

HSE 1009 **Social Issues – Human Services**

3.0 Credits

Provides an analytical overview of the social functions of human services. Examines the welfare system from various political perspectives. Presents idealism and pragmatism of the present state of human services and trends for the future.

HSE 1030 **Introduction to Disabilities**

3.0 Credits

Focuses on types of disabilities and their affect on cognition, society, mobility, and appearance. This course includes historical perspectives and treatments, service, barriers, and legal concerns.

HSE 1088 **Human Services Practicum I**

4.0 Credits

Provides experience in various service agencies to familiarize students with agency work. Emphasizes developing observational skills, individual growth in self-awareness, interviewing skills, introduction to agencies and client systems. A weekly classroom seminar complements the agency experience.

HSE 2005 **Human Services for Groups**

3.0 Credits

Introduces the concepts, principles, goals and skills of group work as a method of providing human services. Emphasis is on basic practice skills and intervention techniques. Offered fall semester only.

HSE 2006 **Human Services for Families**

3.0 Credits

Introduces family theory and practice. Covers such topics as systems theory, communications theories, structure therapists, developmental theory and future directions in family therapy research.

HSE 2009 **Crisis Theory and Intervention**

3.0 Credits

Introduces basic theories and principles of crisis intervention from a historical and practical orientation. Offered spring semester.

HSE 2007 Community Organization

3.0 Credits

Examines the theory and practice of organizing communities, neighborhoods, committees and advisory boards as they relate to the social services delivery system.

HSE 2015 Introduction to Delinquency and Justice

3.0 Credits

Provides a historical and philosophical background of theories, ideologies, statutes, political processes and policies of the American Juvenile Justice System. Examines juvenile processes from predelinquency and adjudication, through corrections.

HSE 2026 Case Management for Human Services Practitioners

3.0 Credits

Introduces an advanced program of study incorporating the theory and practice strategies of case management utilizing the specialist model approach.

HSE 2075 Special Topics

0.0 Credits

This course provides students with a vehicle to pursue in depth exploration of special topics of interest.

Humanities

HUM 1015 World Mythology: GT-AH2

3.0 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.

HUM 1021 Humanities: Early Civilization:GT-AH2

3.0 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.

HUM 1022 Humanities: Medieval-- Modern: GT-AH2

3.0 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.

HUM 1023 Humanities: Modern World: GT-AH2

3.0 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.

Law Enforcement Academy

LEA 1001 Basic Police Academy I

8.0 Credits

Conforms to POST (Peace Officer standards and Training) 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 both a lecture and laboratory mode of learning.

LEA 1002 Basic Police Academy II

12.0 Credits

Conforms to POST (Peace Officer Standards and Training) standards and state certification requirements as well as the basic skills and knowledge 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.

LEA 1005 Basic Law

8.0 Credits

Conforms to the Colorado POST (Peace Officer Standards and Training) 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.

LEA 1006 Arrest Control Techniques

3.0 Credits

Conforms to POST (Peace Officer Standards and Training) standards and Colorado state certification requirements as well as the basic skills and knowledge necessary to perform the entry level duties of a peace office. 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.

LEA 1007 Law Enforcement Driving

3.0 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.

LEA 1008 Firearms

3.0 Credits

Conforms to POST (Peace Officer Standards and Training) 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. 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 be able to explain the firearms role within the continuum of force.

Literature

LIT 1015 Introduction to Literature I: GT-AH2

3.0 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.

LIT 2001 World Literature to 1600:GT-AH2

3.0 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.

LIT 2002 World Literature After 1600: GT-AH2

3.0 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.

LIT 2005 Race, Ethnicity, and Culture in U.S. Literature: GT-AH2

3.0 Credits

Focuses on significant texts by ethnic Americans, including African-American, Native American, Latino/a, and Asian Americans. Emphasizes careful reading and understanding of the cultural and literary elements of the works. This course is one of the Statewide Guaranteed Transfer courses. GT-AH2

LIT 2011 American Literature to Civil War: GT-AH2

3.0 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.

LIT 2012 American Literature After the Civil War: GT- AH2

3.0 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.

LIT 2021 British Literature to 1770: GT-AH2

3.0 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.

LIT 2055 Children's Literature: GT-AH2

3.0 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.

LIT 2059 Survey of African American Literature: GT-AH2

3.0 Credits

Examines African American literature from 1750 to the present, exploring ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers. This course is one of the Statewide Guaranteed Transfer courses. GT-AH2 Management

Machining

MAC 1078 Machining Workshop

0.0 Credits

Provides students with an experiential learning opportunity.

MAC 2078 Machining Workshop

0.0 Credits

Provides students with an experiential learning opportunity.

Management

MAN 1002 Ethics & Values

1.0 Credits

Explores the foundations of business ethics which includes influences and guidelines to help you make good decisions at work. Students will identify traits of ethical people and ethical organizations, such as, integrity, character, honesty, self-control, and self-sacrifice.

MAN 1017 Time Management

1.0 Credits

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.

MAN 2000 Human Resource Management I

3.0 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.

MAN 2016 Small Business Management

3.0 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.

MAN 2026 Principles of Management

3.0 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.

MAN 3030 Contemporary Management

3.0 Credits

Provides a broad overview of current organizational management principles, techniques, and concepts needed for managerial analysis and decision-making related to planning, organizing, leading, and controlling of organizational resources. This course also explores the evolving nature and roles of managers and leaders.

MAN 3050 Innovation and Change Management

3.0 Credits

Provides essential skills required to navigate the dynamic and ever-evolving business environment. This course explores and applies the concepts, theories, and practical tools necessary to understand and drive organizational change, fostering adaptability and innovation within an organization.

MAN 3060 Operations Management

3.0 Credits

Examines the planning, organization, and measurement of operations common within successful business production and service. This course emphasizes product design, supply chain management, quality control, inventory management, and planning.

MAN 4030 Organizational Leadership

3.0 Credits

Explores leadership development through foundational theories, along with development and applications of effective leadership principles and skills. This course covers motivation, group dynamics, conflict resolution, power/politics, communication, and organizational change and development. This course emphasizes a personal leadership development plan toward becoming an effective leader in the organization.

MAN 4040 Strategic Management

3.0 Credits

Applies strategic thinking and development and implementation strategies for businesses with a domestic and global perspective. This course combines fundamentals from accounting, marketing, finance and management, operations, and management information systems to analyze information and make strategic decisions and plans.

MAN 4060 Human Resources and Supervisory Management

3.0 Credits

Establishes the foundational knowledge and skills required to effectively manage personnel, foster a productive work environment, and handle various human resource functions within an organization. The course explores applications of the key principles, best practices, and legal aspects of Human Resources (HR) and supervisory management.

Marketing

MAR 1011 Principles of Sales

3.0 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.

MAR 1060 Customer Service

3.0 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.

MAR 2002 Event Marketing/Communications

3.0 Credits

Explores the importance and role of marketing, media and public relations in the event planning industry. This course covers marketing and communication tools such as social media, promotional events, networking, and blogs. The development of marketing plans will be discussed including targeted market research, communication tools, objectives, strategies, and implementation.

MAR 2016 Principles of Marketing

3.0 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.

MAR 3040 Business Practical Marketing

3.0 Credits

Explores contemporary marketing environments, effective strategies and practices and common legal, ethical, and social issues within a variety of industries. This course emphasizes elements of the marketing mix, including product and service development and management, social media, e-marketing, pricing, channel management, and promotion.

MAR 4010 Digital Marketing and Analytics

3.0 Credits

Presents practical application of the Internet and digital platforms for marketing products and services. This course develops skills and techniques in product and services marketing, sales, and analytics. This course explores the diverse online business models, digital advertising, social media marketing techniques, and advanced marketing analytics. The course emphasizes data-driven marketing decision-making.

Mathematics

MAT 0200 Algebraic Literacy Lab

1.0 Credit
Supports skill development in students registered in Algebraic Literacy. Topics covered in this course include those defined in Algebraic Literacy and/or any prerequisite skills needed by the student.

MAT 0250 Quantitative Literacy

4.0 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.

MAT 0300 Algebraic Literacy

4.0 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 College Algebra (MAT 1340) and Finite Math (MAT 1320).

MAT 1120 Math for Clinical Calculations

3.0 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.

MAT 1140 Career Math:

3.0 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.

MAT 1150 Technical Mathematics

4.0 Credits
Covers mathematical material designed for career and technical students. Topics include measurement, algebra, geometry, trigonometry, and vectors. These are presented at an introductory level and the emphasis is on applications.

MAT 1160 Financial Mathematics

3.0 Credits
Covers the fundamentals of financial mathematics. Topics include pricing, taxes, insurance, interest, annuities, amortization, and investments.

MAT 1220 Integrated Math I: GT-MA1

3.0 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.

MAT 1230 Integrated Math II: MA1

3.0 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.

MAT 1240 Mathematics for the Liberal Arts: GT-MA1

4.0 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.

MAT 1260 Introduction to Statistics: GT-MA1

3.0 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.

MAT 1320 Finite Mathematics: GT-MA1

4.0 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.

MAT 1340 College Algebra: GT-MA1

4.0 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.

MAT 1400 Survey of Calculus: GT-MA1

4.0 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.

MAT 1420 College Trigonometry: GT-MA1

3.0 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.

MAT 1440 Pre-Calculus: GT-MA1

5.0 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.

MAT 2410 Calculus I: GT-MA1

a. 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.

MAT 2420 Calculus II: GT-MA1

5.0 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.

MAT 2430 Calculus III: GT-MA1

4.0 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.

MAT 2431 Calculus III with Engineering Applications: GT-MA1

5.0 Credits

Focuses on the traditional subject matter of multivariable Calculus with an additional emphasis on word problems and problem solving. Topics include vectors, vector-valued functions, partial derivatives, analytic geometry, multiple integrals, line integrals, Stokes', Divergence Theorems and Green's Theorems, and applications. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

MAT 2560 Differential Equations: GT-MA1

3.0 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.

Medical Assisting Professional

MAP 1010 Medical Office Administration

4.0 Credits

Introduces the administrative duties specifically used in medical offices.

MAP 1020 Medical Office Financial Management

4.0 Credits

Covers the practical uses of accounts and records with emphasis on accounting principles and analysis for use in a medical office. This course introduces outpatient coding with an ultimate goal to present a clear picture of medical procedures and services performed, such as Current Procedural Terminology (CPT) codes, correlating the diagnosis, symptom, and complaint or condition, and International Classifications of Diseases (ICD) codes, thus establishing the medical necessity required for third-party reimbursement.

MAP 1050 Pharmacology for Medical Assistants

3.0 Credits

Provides an overview of pharmacology language, abbreviations, systems of measurement, and conversions. The Controlled Substances Act, prescriptions, forms of medications, patient care applications, drug classifications/interactions, and safety in drug therapy and patient care are presented. Information regarding the measurement of medications, dosage calculations, routes of administration, and commonly prescribed drugs in the medical office is provided.

MAP 1083 Medical Assistant Internship

0.0 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.

MAP 2038 Medical Assisting Laboratory

4.0 Credits

Introduces basic, routine laboratory skills and techniques for collection, handling, and examination of laboratory specimens often encountered in the ambulatory care setting.

MAP 2040 Medical Assisting Clinical Skills

4.0 Credits

Provides hands on experience with clinical skills required in medical offices. Delivers theory and skills presentations allowing for students to properly demonstrate techniques for a variety of medical needs.

MAP 2069 Review for Medical Assistant National Exam

1.0 Credit

Prepares the candidate sitting for the National Registration/Certification examination for Medical Assistant through review and practice. These examinations are given with the intent of evaluating the competency of entry-level practitioners in Medical Assisting, supporting quality care in the office or clinic.

Multimedia Graphic Design

MGD 1001 Introduction to Computer Graphics

3.0 Credits

Introduces the student to the computer system and software used to develop graphics. The student will learn the hardware and software components for publication and multimedia production through execution in various vector, raster, page layout and multimedia programs. Students will be introduced to career opportunities within graphics fields.

MGD 1002 Introduction to Multimedia

3.0 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.

MGD 1004 Videography

3.0 Credits

Offers an introduction to the principles and techniques of videotape production, including camera operation, basic script writing, lighting, sound and basic digital editing. Detailed examination of the pre-production, production, and post-production processes, as well as aesthetics, will be included.

MGD 1011 Adobe Photoshop I

3.0 Credits

Concentrates on the high-end capabilities of Adobe Photoshop as an illustration, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics and videos. Course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop.

MGD 1012 Adobe Illustrator I

3.0 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.

MGD 1013 Adobe InDesign

3.0 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.

MGD 1033 Graphic Design I

3.0 Credits

Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures

MGD 1041 Web Design I

3.0 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.

MGD 1043 Motion Graphic Design I:(Software)

3.0 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.

MGD 1056 Emergent Media Practices

3.0 Credits

Explores techniques and approaches in the latest delivery methods for web, mobile, and emergent media communication. Students explore digital media outlets such as blogs, podcasts, e-zines and social networks. Concepts in video production, photography, journalism, marketing, advertising, public relations, editing and relevant skills necessary for agile mass communication are introduced. Students create communication pieces for internet-based, mobile, and emergent media.

MGD 1064 Digital Video Editing I

3.0 Credits

Introduces to digital non-linear video editing. Students will capture, compress, edit, and manipulate video images using a personal computer. Assembly techniques including media management, editing tools, titles, and motion control; transitions and filters, and special effects are explored.

MGD 2033 Graphic Design II

3.0 Credits

Continues instruction in idea development for advanced graphic design

MGD 2064 Digital Video Editing II

3.0 Credits

Looks at the more complex and advanced techniques of digital video editing. Areas of editing such as masking, filtering, blue/green screening, track mattes, and image mattes will be examined. Students will produce a movie project in this class and discuss practical ways to distribute to various audiences.

Music

MUS 1000 Music Theory Fundamentals I

3.0 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.

MUS 1020 Music Appreciation: GT-AH1

3.0 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.

MUS 1021 Music History Medieval thru Classical: GT-AH1

3.0 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.

MUS 1022 Music History Early Romantic Period to the Present: GT-AH1

3.0 Credits

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.

MUS 1023 Survey of World Music: GT-AH1

3.0 Credits

Provides an overview of non-Western music from around the world; provides basic listening skills and the historical/cultural context for a variety of world music styles to enable an understanding and appreciation of non-Western musical expression. This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

MUS 1025 History of Jazz: GT-AH1

3.0 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 a jazz music vocabulary. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

Nail Technician

NAT 1010 Introduction to Nail Care

3.0 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.

NAT 1011 Intermediate I Nail Care

2.0 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.

NAT 2010 Advanced Nail Care

2.0 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.

NAT 2011 Application of Nail Enhancements

5.0 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.

Nursing

NUR 1001 Pharmacology Calculations

1.0 Credit

Prepares nurse to provide safe, patient-centered nursing care related to dosage calculations within the respective scope of practice. This course introduces critical thinking applied to dosage calculations and communication used when interacting with patients and members of the healthcare team related to various aspects of safe administration of medications. Information technology used to document medications

administered and patient technology used to deliver medications are also practiced.

NUR 1006 Medical Surgical Nursing Concepts

5.0 Credits

NUR106 is the first medical/surgical nursing course. Building on NUR109, this course provides for the acquisition of basic medical/surgical nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered care to a developmentally and culturally diverse adult patient population experiencing various medical/surgical interventions.

Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings.

NUR 1009 Fundamentals of Nursing

7.0 Credits

Fundamentals of Nursing (NUR 1009) introduces the fundamental concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the

nurse. Introduces caring, critical thinking, the nursing process, quality improvement, and communication used when interacting with patients and members of the interdisciplinary team, and relates evidence-based nursing practice. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings providing care to stable patients with common health alterations.

NUR 1012 Basic Concepts of Pharmacology

2.0Credits

Overview of the basic principles of pharmacology including major drug classifications and prototypes of commonly used medications. Principles of medication administration include aspects of best practice for safe, quality, patient-centered care. Central points include safety, quality improvement factors in the administration of medications, patient teaching, and variations encountered when administering medications to diverse patient populations across the lifespan.

NUR 1050 Maternal - Child Nursing

3.0Credits

Nursing 150 provides for the acquisition of maternal/child nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for

safe, family-centered nursing care to childbearing families and children that is developmentally and culturally appropriate. Incorporates evidence-based practice, standards of practice, quality improvement, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of maternal/child and pediatric clinical settings.

NUR 1069 Transition into Practical Nursing

4.0 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.

NUR 1089 Transition from LPN to ADN

3-4 Credits

Facilitates transition of the LPN to new roles and responsibilities of the ADN, the nursing process, critical thinking, legal and ethical issues in nursing practice, and the nursing care of childbearing families and pediatric clients. Application of knowledge and skills occurs in the laboratory and maternal/child and pediatric clinical settings.

NUR 2002 Transition from LPN to Professional Nursing

2.0 Credits

Lab Credit: 0.5 Clinical Credit: 0.5 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 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.

NUR 2006 Advanced Concepts of Medical-Surgical Nursing I

6.5 Credits

Advanced Concepts of Medical-Surgical Nursing I builds on Medical Surgical Nursing Concepts focusing on advanced concepts of nursing applied to care of patients with high acuity medical/surgical conditions. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care to developmentally and culturally diverse adult patients. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in a variety of healthcare settings. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety

of clinical settings.

NUR 2011 Psychiatric-Mental Health Nursing

3.0 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.

NUR 2012 Pharmacology II

2.0 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.

NUR 2016 Advanced Concepts of Medical-Surgical Nursing II

5.0 Credits

Nursing 2016 is a continuation of Nursing 206, focusing on complex medical/ surgical conditions of the high acuity patient. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient- centered nursing care to developmentally and culturally diverse adult patients experiencing high acuity medical/surgical conditions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in the acute care and high acuity settings. Application of knowledge and skills occurs in a variety of clinical settings.

NUR 2030 Transition to Professional Nursing Practice

4.0 Credits

Nursing 230 is a seminar and practice capstone course that provides an integrative experience applying all dimensions of the professional nurse in the care of diverse patient populations across a variety of healthcare settings. All major concepts of the nursing program are addressed. Leadership and the management of multiple patients are emphasized. Application of knowledge and skills occurs in the clinical setting to facilitate an effective transition from student to registered professional nurse.

NUR 3001 Integration into Baccalaureate Nursing Practice

3.0 Credits

Explores professional nursing practice at the baccalaureate level. The course focuses on knowledge and understanding of the professional nursing standards and the nursing role at a baccalaureate level.

NUR 3002 Trends in Nursing Practice

3.0 Credits

Examines current issues that nurses encounter in the health care environment including their roles and responsibilities within the nursing profession.

NUR 3003 Nursing Research / Evidence Based Practice

3.0 Credits

Analyzes concepts associated with nursing research, collection, and analysis of data with emphasis on integration of evidenced-based practice within nursing. The course develops the skills for critiquing published research.

NUR 3004 Informatics / Healthcare Technology

3.0 Credits

Explores concepts and applications related to the nurse's role in utilizing healthcare informatics involving patient care technology. This course will explore the impact of information management systems on the delivery of patient care, healthcare teams, and health outcomes.

NUR 3005 Emergency Preparedness

3.0 Credits

Focuses on the nurse's roles and responsibilities in the most common types of disasters and how the nurse can deliver effective care in various emergency situations.

NUR 3007 Behavioral Health

3.0 Credits

Provides an overview of behavioral health promotion for individuals, families, and populations with behavioral health concerns. The focus of the course will explore the nurse's impact on behavioral health trends.

**NUR 4008 Legal and Ethical Issues Related to
Professional Nursing Practice**

3.0 Credits

Emphasizes the ethical and legal obligations of professional nursing practice. The focus is on values clarification, ethical theory, and ethical decision making models. Additionally, legal issues related to healthcare will be explored.

NUR 4009 Leadership in the Nursing Profession

3.5 Credits

Focuses on the role of the professional nurse as a leader within healthcare. The course integrates concepts needed to assume leadership and management positions in the healthcare environment.

NUR 4010 Community Health Nursing/Practicum

7.0 Credits

Focuses on the role of the professional nurse in community-based practice settings, with an emphasis placed on health promotion, prevention, and optimal wellness of the community.

NUR 4011 Senior Seminar

3.0 Credits

Integrates theory into practice by building on previous concepts and knowledge.

Nursing Assistant

NUA 1001 Nurse Aide Health Care Skills

4.0 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.

NUA 1002 Certification Exam Prep- Nurse Aide

0.5 Credits

Helps prepare the student for the National Nurse Aide Assessment Program (NNAAP) examination.

NUA 1070 Nurse Aide Clinical Experience

6.0 Credits

Applies knowledge and skill gained in NUA 1001 to patient care.

Occupational Safety Technician

OSH 1310 10-HR Construction Industry Standards

1.0 Credit

Provides a 10-Hour OSHA certification course for the construction industry and participants will review the current OSHA standards contained in 29 CFR 1926. Participants that complete the course will receive a certificate of completion from the United States Department of Labor, Occupational Safety and Health Administration. The course is taught by instructors certified by the Occupational Safety and Health Administration.

Philosophy

PHI 1011 Introduction to Philosophy: GT-AH3

3.0 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.

PHI 1012 Ethics: GT-AH3

3.0 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.

PHI 1013 Logic: GT-AH3

3.0 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.

PHI 1014 Comparative Religions: GT-AH3

3.0 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 its worldview and teachings. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

PHI 1015 World Religions-West: GT-AH3

3.0 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.

PHI 1016 World Religions-East: GT-AH3

3.0 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.

PHI 2005 Business Ethics: GT-AH3

3.0 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.

PHI 2014 Philosophy of Religion: GT-AH3

3.0 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.

PHI 2018 Environmental Ethics: GT-AH3

3.0 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.

Physical Education

PED 1001 Conditioning Lab

1.0 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.

PED 1002 Weight Training

1.0 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. 30 Contact Hours

PED 2010 Archery

1.0 Credit

Introduces the use of archery equipment, the basic skills, safety precautions, and rules of archery.

PED 2037 Varsity Sports

1.0 Credit

Allows the student-athletes an opportunity to participate in a competitive varsity sports program.

Physics

PHY 1105 **Conceptual Physics with Lab: GT-SC1**

4.0 Credits

Focuses on mechanics, heat, properties of matter, electricity and magnetism, and light. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 1111 **Physics: Algebra-Based I with Lab: GT-SC1**

7.0 Credits

Covers the physics of mechanics and requires application of classical physics to both mathematical and conceptual problems. Major topics include kinematics in one and two dimensions, Newton's Laws, circular motion, work and energy, impulse and momentum, and rotational mechanics. This course may also include topics relating to simple harmonic motion and traveling and standing waves. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 1112 **Physics: Algebra-Based II with Lab: GT-SC1**

5.0 Credits

Covers the physics of electricity and magnetism and requires application of classical physics to both mathematical and conceptual problems. DC circuits involving resistors, capacitors, and batteries will be covered. Also covered are electromagnetic waves and geometric optics. This course may also include topics relating to simple harmonic motion, traveling and standing waves, and AC circuits. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 2111 **Physics: Calculus-Based I with Lab: GT-SC1**

7.0 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.

PHY 2112 **Physics: Calculus-Based II with Lab: GT-SC1**

6.0 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.

PHY 2113 **Physics III: Calculus-Based Modern Physics**

3.0 Credits

Expands upon PHY 2112 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.

Political Science

PSC 1011 **American Government: GT-SS1**

3.0 Credits

Explores the origins, development, structure, and functions of the American Constitution and national government. This course examines federalism, civil liberties, civil rights, electoral processes, and mechanisms of civic participation and influence. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

PSC 1025 **American Government: GT-SS1**

3.0 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.

PSC 2005 **International Relations: GT-SS1**

3.0 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.

PSC 2020 **Introduction to Political Science: GT-SS1**

3.0 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.

Psychology

PSY 1001 General Psychology I: GT-SS3

3.0 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.

PSY 1002 General Psychology II: GT-SS3

3.0 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.

PSY 2107 Human Sexuality: GT-SS3

3.0 Credits

Surveys physiological, psychological, and psychosocial aspects of human sexuality. Topics include relationships, sexual identity, and sexual health. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2221 Social Psychology: GT-SS3

3.0 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.

PSY 2222 Psychology of Death and Dying: GT-SS3

3.0 Credits

Examines philosophies of life and death emphasizing dying, death, mourning, and the consideration of one's own death. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2331 Positive Psychology: GT-SS3

3.0 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.

PSY 2333 Health Psychology: GT-SS3

3.0 Credits

Focuses on an overview of the scientific study of attitudes, behaviors, and personality variables related to health, illness, and bodily systems. The course emphasizes the interaction of biological, psychological, and social factors that cause illness and influence its treatment and prevention. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2440 Human Growth and Development: GT-SS3

3.0 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.

PSY 2441 Child Development: GT-SS3

3.0 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.

PSY 2552 Abnormal Psychology: GT-SS3

3.0 Credits

Examines abnormal behavior and its classification, causes, treatment, and prevention. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Range Management

RAM 2005 Range Management

3.0 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.

Recreation Course Descriptions

The credit courses offered by the College are listed in alphabetical order by discipline/program area. A general description of the content of each course is included. Special Topics are courses that are numbered 075-077, 175-177,

and 275-277 and the credits will vary depending on course content. The description and outline is approved by the Dean and filed with the Registrar.

In December 2005, the Colorado Commission on Higher Education established a statewide transfer policy for general education course credits. This policy is also known as GT- Pathways, and more information can be found on the [Colorado Department of Education website](http://www.colorado.gov). and [https:// highered.colorado.gov/transfer-degrees](https://higherred.colorado.gov/transfer-degrees). Although Trinidad State Junior College does not offer all of the courses listed, if you are transferring any of these courses to Trinidad State from an accredited post-secondary institution, these courses will be accepted at Trinidad State Junior College.

Accounting

ACC 1001 Fundamentals of Accounting

3.0 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.

ACC 1011 Introduction to Financial Accounting

3.0 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.

ACC 1012 Introduction to Managerial Accounting

3.0 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.

ACC 1015 Payroll Accounting

3.0 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.

ACC 1021 Accounting Principles I

4.0 Credits

This course introduces accounting principles for understanding the theory and logic that underlie procedures and practices for business organizations. Major topics include the accounting cycle for service and merchandising companies, internal control principles and practices, notes and interest, inventory systems and costing, and plant and intangible asset accounting.

ACC 1022 Accounting Principles II

4.0 Credits

This course continues the application of accounting principles to business organizations. Major topics include corporate equity and debt financing, investments, cash flow statements, financial analysis, budgeting, cost and managerial accounting.

ACC 1032 Tax Help Colorado

7.0 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.

ACC 1035 Spreadsheet Applications for Accounting

8.0 Credits

Introduces spreadsheets as an accounting tool in the application of fundamental accounting concepts, problem-solving, and decision-making skills.

ACC 2011 Intermediate Accounting I

9.0 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.

ACC 2012 Intermediate Accounting II

4.0 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.

ACC 2026 Cost Accounting

3.0 Credits

Course covers cost accumulation methods and reports including job order, process, standards, and activity-based cost systems associated with budgeting, planning, and control of costs.

ACC 2045 Computerized Accounting with a Professional Package

3.0 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.

Advancing Academic Achievement

AAA 1075 Special Topics

0.0 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.

Agriculture

AGR 2160 World Population and Food: SS3

6.0 Credits

Covers concepts and issues related to world population, food, and agriculture. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Agriculture Crops & Soils

AGY 1100 General Crop Production

7.0 Credits

Focuses on production and adaptation of cultivated crops, principles affecting growth, development, management, and utilization.

AGY 2140 Introductory Soil Science: GT-SC1

4.0 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.

Agriculture Economics

AGE 1102 Agriculture Economics:GT-SS1

3.0 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.

AGE 2105 Farm and Ranch Management

3.0 Credits

Provide students with practical experience in applying principles of economics, business, marketing, and finance to the management of a farm/ ranch operation.

AGE 2108 Agricultural Finance

3.0 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.

AGE 2110 Agriculture Marketing

3.0 Credits

Studies the agricultural marketing system and methods of marketing crops and livestock. Emphasizes hedging with futures options.

Agriculture Production

AGP 1007 Practical Irrigation Management

8.0 Credits

Introduces the student to irrigation methods, scheduling, limited irrigation concepts, hydrology, safety, water quality, chemigation, and interrelationships between irrigation, soil fertility, and crops. A limited amount of water law is also covered.

Animal Science

ASC 1100 Animal Sciences

2.0 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.

ASC 2125 Feeds and feeding

4.0 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.

ASC 2150 Live Animal/Carcass Evaluation

3.0 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.

ASC 2188 Livestock Practicum

0.0 Credits

Provides experiential learning with beef cattle, dairy cattle, swine and sheep.

Anthropology

ANT 1001 Cultural Anthropology: GT-SS3

3.0 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.

ANT 1003 Intro to Archaeology: GT-SS3

5.0 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.

ANT 1005 Biological Anthropology with Laboratory: GT:SC1

6.0 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.

ANT 2125 Anthropology of Religion GT:SS3

3.0 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.

Art

ART 1002 Visual Concepts 2-D Design

3.0 Credits

Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two-dimensional media.

ART 1003 3-D Design

3.0 Credits

Introduces the fundamentals of three-dimensional design, form, and space. The course applies the elements and principles of design to three-dimensional problems.

ART 1110 Art Appreciation GT-AH1

3.0 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.

ART 1111 Art History Ancient to Medieval: GT-AH1

3.0 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.

ART 1112 Art History Renaissance to 1900: GT-AH1

3.0 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.

ART 1113 Art History 1900 to Present: GT-AH1

3.0 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.3.0 Credits
Investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 1201 Drawing I

3.0 Credits

Investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 1202 Drawing II

3.0 Credits

Explores expressive drawing techniques with an emphasis on formal composition, black and white, and color media and content or thematic development.

ART 1203 Figure Drawing I

3.0 Credits

Introduces the basic techniques of drawing the human figure. Auto Service Technology

ART 1301 Painting I

3.0 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.

ART 1302 Painting II

3.0 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.

ART 1401 Digital Photography I

3.0 Credits

Presents the fundamentals of Fine Art digital photography, including camera equipment and software used for image capture, management and manipulation. Topics include camera settings and exposure control, composition, working with light and time, and creative image manipulation.

ART 1405 Mixed Media I: Digital Art

3.0 Credits

Introduces students to the design and creation of fine-art composites that involve the combinations of techniques, texture, drawing, painting, photography, and objects, and emphasizes the computer as an art tool. In addition to incorporating technology-based vocabulary as it relates to fine- art technique, vector and raster applications are explored for the creation of montage and collage. No computer experience is necessary.

ART 2403 Digital Photo Studio

3.0 Credits

Introduces the basic concepts of digital imaging as applied to photography. Using applicable technology and hands on experience, modern developments are presented leading to the present applications of digital imaging which combine traditional photographic ideas with electronic media. Enables the student to learn how to operate image manipulation software using a variety of scanning equipment, software tools, and output devices by executing new assignments and applying these technologies to their photographic process.

Astronomy

AST 1110 Astronomy with Lab: Planetary Systems: GT- SC1

4.0 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.

AST 1120 Astronomy with Lab: Stars and Galaxies: GT- SC1

4.0 Credits

Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe as a whole, including cosmology and relativity. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT- SC1 category.

Auto Service Technology

ASE 1001 Auto Shop Orientation

2.0 Credits

Covers safety instruction in the shop and on the automobile. Emphasis on the proper use and care of test equipment, precision measuring and machining equipment, gaskets, adhesives, tubing, wiring, jacks, presses, and cleaning equipment and techniques.

ASE 1002 Introduction to the Automotive Shop

2.0 Credits

Prepares the incoming automotive student to work in the shop safely and gain familiarity with the shop and common equipment.

ASE 1010 Automotive Brake Service I

2.0 Credits

Introduces the basic theory of automotive braking systems including operation, diagnosis, basic repair of disc and drum friction assemblies, and basic hydraulic braking systems. This course meets MLR/AST/MAST program accreditation requirements.

ASE 1011 Automotive Brake Service II

2.0 Credits

Covers diagnostics, test procedures, and repair to automotive foundation braking system. This course also introduces the components, types of Antilock Braking Systems (ABS), and traction control systems of current vehicles. This course meets MLR/AST/MAST program accreditation requirements.

ASE 1020 Basic Automotive Electricity

2.0 Credits

Introduces vehicle electricity, basic electrical theory, circuit designs, and wiring methods. This course focuses on multimeter usage and wiring diagrams. This course meets MLR/AST/MAST requirements.

ASE 1022 Automotive Electrical Safety Systems

7.0 Credit

Covers the operation of electrical systems including vehicles safety concerns of vehicle lighting systems, Supplemental Inflatable Restraints (SIR), windshield wipers, driver warning systems, and vehicle accessories. This course meets MLR/AST/MAST program requirements.

ASE 1023 Starting and Charging System

8.0 Credits

Covers the operation and theory of a vehicle battery, testing, service, and repair of starting and charging systems including voltage testing, draw testing. This course meets MLR/AST/MAST program requirements.

ASE 1030 General Engine Diagnosis

2.0 Credits

Covers how to perform basic engine diagnosis to determine condition of engine including engine support systems. This course meets MLR/AST/MAST requirements.

ASE 1032 Ignition System Diagnosis and Repair

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis, service, adjustments and repair of various automotive ignition systems.

ASE 1034 Automotive Fuel and Emissions Systems I

2.0 Credits

Focuses on the diagnosis and repair of automotive fuel emission control systems, filter systems, and spark plugs. This course also includes maintenance to Diesel Exhaust Fluid (DEF) systems.

ASE 1040 Suspension and Steering I

2.0 Credits

Focuses on diagnosis and service of suspension and steering systems and components. This course meets MLR/AST/MAST requirements.

ASE 1041 Suspension and Steering II

2.0 Credits

Covers design, diagnosis, inspection, service of suspension, and steering systems used on light trucks and automobiles including power steering and Supplemental Restraint System (SRS) service. This course meets AST/MAST requirements.

ASE 1050 Manual Drive Train and Axle Maintenance

2.0 Credits

Covers the operating principles and repair procedures relating to axle-shafts, propeller shafts, and universal joints. This course meets MLR/AST/MAST requirements.

**ASE 1051 Automotive Manual Transmission/
Transaxles & Clutches I**

2.0 Credits

Focuses on the diagnosis and repair of automotive manual transmissions, transaxles, clutches, and related components. This course meets AST/MAST requirements.

**ASE 1052 Manual Transmission, Transaxles and
Clutches II**

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of automotive differentials, four wheel and all-wheel drive units.

ASE 1060 Automotive Engine Repair

2.0 Credits

Focuses on the service of cylinder head, valve-train components, and cooling system components including engine removal, re-installation, and re-mounting systems. This course meets MLR/AST/MAST requirements.

ASE 1062 Automotive Engine Service & Repair

2.0 Credits

Covers engine sealing requirements and repair procedures including engine fasteners, bolt torque, repair of fasteners, cooling system, and basic engine maintenance. This course meets AST/MAST requirements.

ASE 2010 Automotive Power and ABS Brake Systems

2.0 Credits

Covers the operation and theory of the modern automotive braking systems including the operation, diagnosis, service, and repair of the anti-lock braking systems and power assist units. This course also covers the machining operations of today's automobile brake systems. This course meets AST/MAST requirements.

ASE 2021 Automotive and Diesel Body Electrical

4.0 Credits

Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.

ASE 2031 Automotive Computers and Ignition Systems

2.0 Credits

Focuses on lecture and laboratory experiences in the inspection and testing of typical computerized engine control systems.

ASE 2033 Auto Fuel Injection and Emissions Systems II

4.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of electronic fuel injection systems and modern exhaust systems.

ASE 2035 Driveability & Diagnosis

2.0 Credits

Focuses on diagnostic techniques and the use of diagnostic scan tools, oscilloscopes, lab scopes, multi-meters, and gas analyzers.

ASE 2040 Suspension and Steering III

2.0 Credits

Covers operation of steering and power steering systems. It will also include different alignment types and procedures.

ASE 2050 Automatic Transmission/Transaxle Service

1.0 Credit

Focuses on practical methods of maintaining, servicing, and performing minor adjustments on an automatic transmission and transaxle. This course meets MLR/AST/MAST requirements.

ASE 2051 Automotive Transmission and Transaxle Repair

9.0 Credits

Covers diagnosis, principles of hydraulics, principles of electronic components, power flow, theory of operation including removal, installation, and replacement of transmission/transaxle and components. This course meets AST/MAST requirements.

ASE 2060 Advanced Engine Diagnosis

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and necessary corrective actions of automotive engine performance factors related to customer vehicles.

ASE 2064 Introduction to Automotive Heating and Air Conditioning

1.0 Credit

Covers basic operation of heating and air conditioning components. This course meets MLR/AST/MAST requirements.

ASE 2065 Heating and Air Conditioning Systems

10.0 Credits

Emphasizes lecture and related laboratory experiences in the diagnosis and service of vehicle heating and air conditioning

systems and their components.

ASE 2087 Cooperative Education

0.0 Credits

Develops practical objectives assigned by an automotive employer providing an on-the-job learning experience at an approved automotive repair facility.

Barber

BAR 1007 Introduction to Shaving, Honing & Stropping

1.0 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 Intermediate Shaving, Honing & Stropping

1.0 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 1041 Intermediate Permanent Waves & Chemical Relaxers

3.0 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 2007 Advanced Shaving, Honing & Stropping

7.0 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 2041 Advanced Permanent Waves & Chemical Relaxers

8.0 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.

Biology

BIO 1004 Biology: A Human Approach: GT-SC1

4.0 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.

BIO 1005 Science of Biology with Lab: GT-SC1

4.0 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.

BIO 1006 Basic Anatomy and Physiology

4.0 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.

BIO 1052 Wildlife Biology

9.0 Credits

Studies the biology of wild mammals, birds, and fish. Focuses on conservation of wildlife and fisheries resources.

BIO 1111 General College Biology I with Lab: GT-SC1

5.0 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.

BIO 1112 General College Biology II with Lab: GT-SC1

6.0 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.

BIO 2101 Human Anatomy and Physiology I with Lab: GT-SC1

10.0 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.

BIO 2102 Human Anatomy and Physiology II with Lab: GT-SC1

6.0 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.

BIO 2104 Microbiology with Lab: GT-SC1

4.0 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.

BIO 2116 Human Pathophysiology

4.0 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.

BIO 2120 General Zoology with Lab: GT-SC1

9.0 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.

BIO 2121 Botany with Lab: GT-SC1

7.0 Credits

Covers plants, emphasizing photosynthetic pathways, form and function, reproduction, physiology, diversity, and evolution. This course requires mandatory hands-on laboratory and research experience and is designed for biology majors. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Business**BUS 1002 Entrepreneurial Operations**

3.0 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.

BUS 1015 Introduction to Business

3.0 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.

BUS 1016 Personal Finance

3.0 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.

BUS 1020 Introduction to E-Commerce

3.0 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 1021 Basic Workplace Skills

1.0 Credit

Focuses on personal and workplace skills necessary for successful performance. This course introduces project management principles necessary to effectively lead and implement a project.

BUS 2016 Legal Environment of Business

3.0 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.

BUS 2017 Business Communications & Report Writing

3.0 Credits

Emphasizes effective business writing and cover letters, memoranda, reports, application letters, and resumes. This course includes the fundamentals of business communication and an introduction to international communication.

BUS 2026 Business Statistics

3.0 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.

BUS 2075 Special Topics

0.0 Credits

Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as needed basis to provide current, up-to-date information.

BUS 2089 Capstone

3.0 Credits

Demonstrates the culmination of learning within a given program of study.

BUS 3020 Business Law and Ethics

3.0 Credits

Emphasizes the social, legal, political, and ethical responsibilities of businesses to external and internal stakeholders. This course explores various topics including corporate social responsibility, state and federal laws, contracts, intellectual property regulations, employment law, product liability, safety practices, and environmental regulations.

BUS 3040 Business Ethics and Sustainability

3.0 Credits

Explores sustainability theories, business ethics, and societal responsibilities that go beyond their economic responsibilities. This course emphasizes the complex business environments and social expectations of corporations and emerging governance structures, management systems, and innovative business models.

BUS 3060 Management Technology and Information Systems Processes

3.0 Credits

Explores information systems in decision-making and meeting operational and strategic goals. This course explores the use of hardware and software in business, as well as database management systems (DBMS) and network information system fundamentals. This course will apply advanced theories of information systems and customer relationship management.

BUS 4010 Applied Business Research and Data Analytics

3.0 Credits

Presents fundamental techniques to create business research design models and business data analytics for decision-making. This course integrates the principles of research methodologies, data collection, and applied statistical analytic techniques for making practical data-based business decisions.

BUS 4081 Internship

0-12 Credits

Provides students with a vehicle to pursue an internship experience. Course description and requirements are determined by the individual instructor and documented within the course syllabus. Reserved for students in BAS degree program.

BUS 4089 Capstone

0-12 Credits

To be determined by the individual instructor. A Course Description will be developed for each course and documented within the course syllabus. Reserved for students in BAS degree program.

Business Technology

BTE 1002 Keyboarding Applications I

2.0 Credits

Designed for students with minimal keyboarding skills. Introduces letters, tables, memos, and manuscripts. Emphasizes speed and accuracy.

BTE 1008 Ten-Key by Touch

1.0 Credit

Introduces touch control of the ten-key pad. Emphasizes the development of speed and accuracy using proper technique.

BTE 2025 Office Management

3.0 Credits

Emphasis is placed on functions of the office. Includes office organization, work in the office, office layout, equipment and supplies, procurement and control, work flow, forms design, record storage and retrieval systems, personnel administration and problems, and government control.

Carpentry

CAR 1000 Introduction to Carpentry

4.0 Credit

Provides a basic introduction to construction work for all crafts. This course specifically applies to construction sites.

CAR 1003 Carpentry Basics

4.0 Credits

Provides a basic introduction to construction work for all crafts, safety concerns and procedures, and the safety and use of hand and power tools. This course specifically applies to construction work.

CAR 1005 Job Site Layout and Blueprint Reading

1.0 Credit

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

1.0 Credit

Covers materials and methods for concrete forms and foundations. Includes various reinforcement methods such as re-bar and welded-wire fabric.

CAR 1020 General Construction Framing

1.0 Credit

Instructs students in basic framing methods and materials utilizing a hands- on framing lab. Covers floor, wall, and roof framing.

CAR 1070 Clinical: Construction Lab I

0.0 Credits

Continues to build upon the principles that are expected to be understood by students in the construction discipline.

Chemistry

CHE 1011 Introduction to Chemistry I with Lab: GT-SC1

7.0 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.

CHE 1012 Introduction to Chemistry II with Lab: GT-SC1

11.0 Credits

Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, Intermolecular forces, 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.

CHE 1111 General College Chemistry I with Lab: GT-SC1

11.0 Credits

Focuses on basic chemistry and measurement, matter, chemical formulas, reactions, equations, stoichiometry, and thermochemistry. 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.

CHE 1112 General College Chemistry II with Lab: GT-SC1

6.0 Credits

Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, intermolecular forces, 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.

Communications

COM 1150 Public Speaking

3.0 Credits

Combines the basic theories of communication with public speech performance skills. Emphasis is on speech preparation, organization, support, audience analysis, and delivery.

COM 1250 Interpersonal Communication: GT-SS3

3.0 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.

COM 1300 Communication and Popular Culture: GT-AH1

3.0 Credits

Introduces four key theoretical models for examining popular culture: Narrative Theory, Rhetorical Theory, Gender Theory, and Critical Race Theory. Emphasis is on popular American media texts, including books, comics/graphic novels, films, music, and television. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

COM 2063 Conflict Resolution

1.0 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.

COM 2200 Find Your Creative Self

3.0 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.

COM 2250 Organizational Communication

3.0 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.

COM 2300 Intercultural Communication: GT-SS3

3.0 Credits

Explores the link between culture and communication and will develop and/or enhance communication skills and the abilities appropriate to a multicultural society. Emphasis will be on understanding diversity within and across cultures. Relevant concepts include perception, worldview, context, ethics, language, and nonverbal communication. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Computer & Networking Tech

CIS 2040 Database Design and Development

3.0 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.

CIS 2067 Management of Information Systems

3.0 Credits

Teaches students the basics of network firewall security. It covers basic installation techniques, discusses how to make an intelligent choice of firewall technology, and presents basic firewall troubleshooting.

CNG 1001 Networking Fundamentals

3.0 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).

CNG 1004 Intro to TCP/IP

3.0 Credits

Covers the basic elements of the Transmission Control Protocol and the Internet Protocol, the basic technologies that implement the Internet and computer networking. In addition to TCP and IP the course covers networking media, link layer, network layer, and transport layer protocols. Also included are routing, broadcast, multicast, and network address translation. IP version 4 and IP version 6 are both covered.

CNG 1020 A+ Certification Preparation

3.0 Credits

Prepares students for the CompTIA A+ certification examination. PC hardware and operating system installation, configuration and troubleshooting are practiced and reviewed using A+ techniques.

CNG 1024 Networking I: Network +

3.0 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.

CNG 1031 Principles of Information Assurance

3.0 Credits

Provides skills and knowledge required to survey key issues associated with protecting information assets, determine the levels of protection and response to security incidents, and design a consistent, reasonable information security system, with appropriate intrusion detection and reporting features. Students learn to inspect and protect information assets, detect and react to threats to information assets, and examine pre- and post- incident procedures, and technical and managerial responses. Students learn about information security planning and staffing functions.

CNG 1032 Network Security Fundamentals

3.0 Credits

Delivers a comprehensive overview of network security, including general security concepts. Communication Security is studied, including remote access, e-mail, the Web, directory and file transfer, and wireless data. Common network attacks are

introduced. Cryptography basics are incorporated, and operational/organizational security is discussed as it relates to physical security, disaster recovery, and business continuity. Computer forensics is introduced.

**CNG 1033 Network Security: Fire Walls and Intrusion
Detection and Network Security**

9.0 Credits

Teaches students the basics of network firewall security. It covers basic installation techniques, discusses how to make an intelligent choice of firewall technology, and presents basic firewall troubleshooting.

CNG 1036 Guide to IT Disaster Recovery

3.0 Credits

Presents methods to identify technology and communication infrastructure vulnerabilities and appropriate countermeasures to prevent and mitigate failure risks for an organization. The course will take an enterprise-wide approach to developing a disaster recovery plan.

CNG 1042 Introduction to Cloud Computing Concepts

3.0 Credits

Introduces fundamental content on cloud computing including system analysis, requirements, configuration, deployment, and testing. This course includes information on management, business continuity, security, maintenance, updating, and troubleshooting as related to cloud computing.

CNG 2011 Windows Configuration: (OS)

3.0 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.

CNG 2012 Configuring Windows Server

4.0 Credits

Provides students with the knowledge and skills that are required to install and configure a Microsoft Windows Server. This course helps prepare students for a MTA (Microsoft Technology Associate) and/or MCSA (Microsoft Certified Solutions Associate) exams.

CNG 2024 M/S Windows Wireless Network

3.0 Credits

Provides the student with the Microsoft official curriculum from the Microsoft Regional Academy. Offers detailed instruction on the foundation concepts and technologies of wireless data networking. Upon completion of this course, students are prepared to take the Certified Wireless Network Administrator (CWNP) Certification Exam.

CNG 2040 Virtual Environment Admin

3.0 Credits

Build and administer a hypervisor environment. Includes building of virtual machine (VM) infrastructure and skills such as patching, backing up and securing of both hypervisor and virtual machines.

CNG 2042 Cloud Computing

3.0 Credits

Installs, configures and manages a cloud environment. Builds on knowledge of hypervisor and virtual machine environments.

CNG 2056 Vulnerability Assessment Level 1

6.0 Credits

Presents students with an introduction to vulnerability assessment. Vulnerability assessment skills are necessary to understand how companies address vulnerabilities in the business environment. Students gain a better understanding of how information technology security integrates into the corporate world and how a balance must be achieved between security and

functionality.

CNG 2058 Digital Forensics

7.0 Credits

Exposes the student to the field of digital computer forensics and investigation. This class provides the student with methods to properly conduct a digital forensics investigation including a discussion of ethics. Topics covered include fundamental concepts, history of computer forensics, file structures, data recovery techniques, computer forensic tools and analyses.

CNG 2059 Enterprise Security

4.0 Credits

This course challenges students to combine the skills learned in previous coursework (or work experience) and apply them in whole to a mock business IT environment. Students will work in their own virtualized server environment, complete with servers, routers, firewalls, VPN, IDS/IPS, wireless and other current technologies to develop a security policy and framework using risk analysis and risk management techniques.

Computer Information System

CIS 1015 Introduction to Computer Information Systems

3.0 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.

CIS 1017 Introduction to Technical Applications

10.0 Credits

Provides a basic introduction of standard software packages available to support a microcomputer-based workstation. Includes entry-level hands-on work with word processors, spreadsheets, electronic presentations and basic Internet functionality to support the technical environment.

CIS 1018 Intro to PC Applications

11.0 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.

CIS 1035 Complete Word Processing (software package)

3.0 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.

CIS 1045 Introduction to Desktop Database

3.0 Credits

Explores an array of database skills. Includes table, query, form, and report creation and modification. Also includes application integration.

CIS 1055 Complete Spreadsheets: (Software package)

3.0 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.

CIS 1059 **Microsoft Office Specialist Certification
Prep:Excel**

1.0 Credit

Prepares students for the Microsoft Office Specialist certification examination for Excel. Students use software to determine strengths and weaknesses and elect to review and prepare for either the Core or Expert level Certification exam. The MOUS test is not included in this course. 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.

CIS 2023 **Linux**

3.0 Credits

Introduces students to the concepts of installing, configuring, and managing the Linux operating system. Topics covered include working with various desktops, use of filesystem commands, and management of user and group permissions.

CIS 2046 **Oracle Database Admin I**

4.0 Credits

Provides a foundation in basic Oracle architecture, storage structure and database administrative tasks. Emphasizes the knowledge and skills to create databases and data dictionary views, and to manage Oracle instances, tables, tablespaces, data files, control files, redo log files and rollback segments.

CIS 2068 **Systems Analysis and Design I**

3.0 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.

Computer Science

CSC 1005 **Computer Literacy**

3.0 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.

CSC 1019 **Introduction to Programming:
(Programming Language)**

Focuses on a general introduction to computer programming. This course emphasizes the design and implementation of structured and logically correct programs with good documentation. It is centered on basic programming concepts, including control structures, modularization, and data processing. A structured programming language is used to implement program designs. It emphasizes the writing of multiple programs following the software development process, from start to finish, including design, implementation, and testing.

CSC 1020 **Problem Solving with (software package)**

3.0 Credits

Provides an introductory-level course in computer programming using a high-level programming language. The course will cover the design and development of simple software applications. Topics covered will include design of software from initial phase through the coding phase, input and output of data, functions or methods, control structures, arrays and error handling.

CSC 1060 **Computer Science I: (Language)**

9.0 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.

CSC 1061 Computer Science II: (Language)

8.0 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.

CSC 1094 Service Learning

0.0 Credits

Allows the student to provide a service to the community utilizing knowledge and skills acquired from a course in which the student is currently enrolled or has previously taken at the student's respective college.

CSC 2030 C Programming: Platform

3.0 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).

CSC 2040 Java Programming

3.0 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.

Construction Technology

CON 1005 Construction Technology

4.0 Credits

Explores a variety of new software applications now available for the construction trade. Introduces computer applications such as CAD, scheduling, estimating, and accounting programs. Explores technology choices and compares them.

CON 1057 National Center for Construction Education & Research Core

12.0 Credits

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.

Cosmetology

COS 1003 Introduction to Hair and Scalp

10.0 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.

COS 1010 Introduction to Haircoloring

11.0 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.

COS 1011 Intermediate I: Haircoloring

2.0 Credits

Expands on haircoloring 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.

COS 1020 Introduction to Haircutting

2.0 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.

COS 1021 Intermediate I: Haircutting

2.0 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.

COS 1030 Introduction to Hairstyling

2.0 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.

COS 1031 Intermediate I: Hairstyling

2.0 Credits

This course covers the accepted methods of styling hair, air forming, roller sets, finger waves, pin curls, braiding, and hair pressing.

COS 1040 Introduction to Chemical Texture

1.0 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.

COS 1041 Intermediate I: Chemical Texture

1.0 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.

COS 1050 Laws, Rules, and Regulations

9.0 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.

COS 1060 Introduction to Infection Control and Prevention

10.0 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.

COS 1061 Intermediate I: Infection Control and Prevention

1.0 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.

COS 2003 Intermediate I: Hair and Scalp

8.0 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.

COS 2010 Intermediate II: Haircoloring

9.0 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.

COS 2011 Advanced Haircoloring

9.0 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.

COS 2020 Intermediate II: Haircutting

2.0 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.

COS 2021 Advanced Haircutting

2.0 Credits

This course covers advanced haircutting techniques utilizing multiple cutting tools and emphasizes current fashion trends and preparation for the Colorado State Licensure examination.

COS 2030 Intermediate II: Hairstyling

2.0 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.

COS 2031 Advanced Hairstyling

1.0 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.

COS 2040 Intermediate II: Chemical Texture

1.0 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.

COS 2041 Advanced Chemical Texture

1.0 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.

COS 2050 Business Management /Personal Skills/

Ethics

1.0 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.

COS 2060 Intermediate II: Infection Control and Prevention

2.0 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.

COS 2061 Advanced Infection Control and Prevention

1.0 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.

COS 2062 Advanced II: Disinfection, Sanitation & Safety

12.0 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.

COS 2088 Practicum

0.0 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.

Criminal Justice

CRJ 1010 Introduction to Criminal Justice: GT-SS3

11.0 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.

CRJ 1025 Policing Systems

10.0 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.

CRJ 1027 Crime Scene Investigation

10.0 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.

CRJ 1035 Judicial Function

3.0 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

CRJ 1045 Correctional Process

3.0 Credits

Examines the history of corrections in America from law enforcement through the administration of justice, probation, prisons, correctional institutions, and parole. This course examines the theories, rationales for punishment, and the political system in which corrections, as a component part of the criminal justice system, needs to operate. The course emphasizes legal, sociological, psychological, and other interdisciplinary approaches that effect the operation of a correctional system.

CRJ 2005 Principles of Criminal Law

3.0 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.

CRJ 2010 Constitutional Law

3.0 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.

CRJ 2020 Human Relations and Social Conflict

3.0 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.

CRJ 2030 Criminology

3.0 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.

CRJ 2036 CRJ Research Methods

3.0 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.

CRJ 2057 Victimology

3.0 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.

Data Science

DAT 1001 Introduction to Data Science

3.0 Credits

Provides a foundational overview of data science and develops the knowledge required to make data-driven decisions to address real-world problems. The course introduces how to collect data from different sources, use of statistics to draw conclusions about a given data set, use of technology to visualize data and some of the challenges associated with storing, manipulating, analyzing and securing data. Computational tools are used as a component of the course.

DAT 2002 Visualizing Data

3.0 Credits

Focuses on the analysis and design of visual representations of statistical information. The analysis and evaluation of existing graphics are combined with principles from disciplines such as statistics, computer science, and graphic design to define the criteria for a quality visualization. Various software tools are used to develop static and interactive visualizations to identify patterns, convey messages, make decisions, and tell stories with data.

DAT 2025 Intro to Machine Learning

3.0 Credits

Provides the foundation for students to explore, practice, and apply mathematical concepts for pattern recognition, neural networks, and machine learning. The course covers algorithmic and mathematical methods that are required for machine learning techniques, as well as the theoretical relationships between these algorithms. Coding may be required as the course provides practice in translating the above mathematical concepts into computer programs.

Dental Assisting

DEA 1001 Dental Terminology

3.0 Credits

Focuses on a general introduction to computer programming. This course emphasizes the design and implementation of structured and logically correct programs with good documentation. It is centered on basic programming concepts, including control structures, modularization, and data processing. A structured programming language is used to implement program designs. It emphasizes the writing of multiple programs following the software development process, from start to finish, including design, implementation, and testing. **DEA 1001 Dental Terminology**

1.0 Credit

Includes colloquial versus professional terminology, word elements and structure as they apply to dental terminology.

DEA 1011 Introduction to Dental Practices

1.0 Credit

Includes roles and responsibilities of the dental health team; educational background for the various specialties including general practitioner, hygienist, dental assistant; history, legal implications, ethical responsibilities and the role of professional organizations.

DEA 1015 Infection Control

3.0 Credits

Includes basic information concerning infection and disease transmission in the dental office. Emphasizes knowledge of microorganisms, with an emphasis on aseptic techniques, sterilization, and hazardous communication management.

DEA 1016 Medical Emergencies in the Dental Office

8.0 Credits

Includes techniques for taking and reading vital signs. Emphasizes recognition, prevention, and management of medical emergency situations in the dental office. Covers completing and updating patient health history. Addresses pharmacology.

DEA 1021 Principles of Clinical Practice

9.0 Credits

Includes techniques used in four handed dentistry, instrument identification, and armamentarium for tray set-ups. Covers sterilization and aseptic procedures.

DEA 1023 Dental Materials I

3.0 Credits

Includes fundamentals of dental materials as they apply to clinical and laboratory applications of cements, bases, liners, dental metals, resins, glass ionomers, ceramics and dental abrasives. **DEA 1024 Dental Radiography**

3.0 Credits

Focuses on the science of radiography, the application of radiographic techniques, and aseptic techniques.

DEA 1081 Dental Clinical Internship I

0.0 Credits

Provides an opportunity to perform clinical dental assisting skills in a dental office or clinical setting and work toward completing clinical hours required by the Commission on Dental Accreditation (CODA).

Early Childhood Education

ECE 1011 Introduction to Early Childhood Education

3.0 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.

ECE 1031 Guidance Strategies for Young Children

3.0 Credits

Provides an exploration of guidance theories, techniques, and practices used to address repeated patterns of child behavior that interferes with a young child's ability to learn and be engaged 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.

ECE 1045 Introduction to Early Childhood Education Techniques

3.0 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.

ECE 1111 Infant and Toddler Theory and Practice

3.0 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.

ECE 1125 Intro to Infant\Toddler Lab Techniques

3.0 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.

ECE 2051 ECE Nutrition, Health, and Safety

3.0 Credits

Focuses on nutrition, health, and safety as key factors for optimal growth and development of young children. This course includes nutrition knowledge, menu planning, food program participation, health practices, management and safety, appropriate activities, and communication with families for early childhood educators. This course addresses children ages birth through 12 years.

ECE 2088 Practicum: Early Childhood Education

0.0 Credits

Provides students with advanced field experience opportunities in early childhood education programs.

ECE 2089 Capstone: Early Childhood Education

0.0 Credits

Incorporates a demonstrated culmination of learning within a given program of study.

ECE 2101 Working with Families and Communities

3.0 Credits

Examines professional attitudes related to working with diverse families and how unconscious bias may affect family-professional partnerships in early care and education settings. This course covers theoretical perspectives of families and communities, communication strategies, and an exploration

of activities and resources to support family engagement in their children's education. Supporting equity and inclusion of all family cultures in early care and education settings for children ages birth through eight.

ECE 2381 ECE Child Growth and Development

3.0 Credits

Covers the growth and development of the child from conception through the elementary school years. This course emphasizes physical, cognitive, language, social, and emotional domains of development as they pertain to the concept of the whole child. It also includes ways adults can provide a supportive early childhood care and educational environment through teamwork and collaboration.

ECE 2401 Administration of Early Childhood Care and Education Programs

3.0 Credits

Provides foundational knowledge in early childhood program business operations, program development, and evaluation. This course covers administrative skills, ethical decision making, risk and resource management, and components of quality Early Childhood Education (ECE) programs serving children ages birth through 12 years.

ECE 2411 Administration: Human Relations for Early Childhood Education

3.0 Credits

Focuses on the human relations component of an early childhood professional's responsibilities. This course includes director-staff relationships, staff development, leadership strategies, family-professional partnerships, and community interaction.

ECE 2601 The Exceptional Child

3.0 Credits

Presents an overview of critical elements related to educating young children with disabilities or special needs in the early childhood setting. Topics include: typical and atypical development; legal requirements; research-based practices related to inclusion; teaming and collaboration; and accommodations and adaptations. This course examines how a disability or special need may impact a young child's learning process. This course addresses children ages birth through 8 years.

ECE 2621 ECE Curriculum Development: Methods and Techniques

3.0 Credits

Provides an overview of early childhood curriculum development. This course includes processes for planning and implementing developmentally appropriate environments, materials, and experiences that represent best practices in early childhood (EC) program settings. This course addresses children ages birth through 8 years.

ECE 2631 Language and Cognition for the Young Child

3.0 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.

ECE 2641 Creativity and the Young Child

3.0 Credits

Explores creative learning theories and evidence-based practices related to creative self-expression with young children. The course emphasizes the teacher's role in encouraging and supporting creativity and problem-solving skills. The course also addresses the use of developmentally appropriate curriculum planning to promote creative self-expression in all developmental domains for children ages birth through 8 years.

Economics

ECO 1001 Economics of Social Issues

3.0 Credits

Examines major contemporary socio-economic issues and policies such as drugs and crime, education, health care, poverty and inequality, and globalization. These issues will be explored using economic tools and methods. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

ECO 2001 Principles of Macroeconomics: GT-SS1

3.0 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.

ECO 2002 Principles of Microeconomics: GT-SS1

3.0 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.

ECO 2045 Environmental Economics: GT-SS1

3.0 Credits

Introduces contemporary environmental issues and policies meant to reduce environmental degradation. It introduces the concept of market failure due to pollution. The course covers government pollution reduction policies for air, water, and natural environments. It also covers analytical tools that are used to analyze the effectiveness of these policies. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

Education

EDU 1088 Practicum I

0.0 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 2088 Practicum II

0.0 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 2211 Introduction to Education

3.0 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 the educational theory and practices from Early Childhood Education (ECE) through secondary education.

EDU 2221 Effective Teaching

1.0 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.

EDU 2341 Multicultural Education

3.0 Credits

Explores racial, ethnic, cultural, and socioeconomic groups to gain an understanding of equity, diversity, and inclusion in communities and education. This course provides opportunities to contextualize multicultural perspectives in society and their impact on the education system.

EDU 2401 Teaching the Exceptional Learners

3.0 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.

EDU 2611 Teaching, Learning & Technology

3.0 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.

Electricity Ind/Commercial

EIC 1002 Electrical Principles and Applied Calculations

7.0 Credits

Provide the fundamental principles that are involved with all electrical calculations and operations as well as practical applications of various concepts.

EIC 1102 Safety & Industry Certifications

11.0 Credits

Learn a comprehensive review of electrical industry safety standards. When applicable, the student will earn a permit and/or certification in the following areas: CDL Licensing, First Aid/CPR/AED, Flagging, OSH 1910.269, National Electric Safety Code Rescue Procedures, Excavation Safety and use of Personal Protective Equipment.

EIC 1210 Power Theory & High Volt Appar

3.0 Credits

Focuses on Ohm's Law, measurements, fundamentals of AC and DC circuits, with an emphasis on transformers and transformer connections, identify key elements in high voltage electrical systems from the generation station to the end consumer.

EIC 1230 Underground Power Systems

7.0 Credits

Learn safety practices and related safety manual regulations, terminology, tool usage, fault finding, cable locating, equipment operation, switching procedures, installation of terminal devices, cable pulling, splicing, material identification, transformer and apparatus applications.

EIC 1231 Overhead Power Systems

9.0 Credits

Learn safety practices, terminology, material identification, construction standards as per specification books, equipment identification and use, pole climbing, and overhead construction.

Emergency Medical Services

EMS 1022 EMT Medical Emergencies

10.0 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.

EMS 1023 EMT Trauma Emergencies

2.0 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.

EMS 1024 EMT Special Considerations

2.0 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 materials, and terrorism.

EMS 1026

EMT Basic Refresher

2.0 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.

EMS 1070 EMT Clinical

1.0 Credit

Provides the EMT student with the clinical experience required for initial certification and some renewal processes.

**EMS 1071 Advanced Emergency Medical Technician
Clinical Internship**

2.0 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.

EMS 1015 Emergency Medical Responder

3.0 Credits

Provides the student with core knowledge and skills to function in the capacity of a first responder arriving at the scene of an emergency, providing supportive care until advanced EMS help arrives.

EMS 1021 EMT Fundamentals

12.0 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.

EMS 1071 AEMT Clinical Internship

2.0 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.

EMS 1075 Special Topics

0-12 Credits

Provides the student with a vehicle to pursue in depth exploration of special topics of interest

EMS 1081 EMS Internship I

3.0 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.

**EMS 1125 Advanced Emergency Medical Technician
Fundamentals**

2.0 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.

EMS 1127 Advanced Emergency Medical Technician Special Considerations

2.0 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.

**EMS 1129 Emergency Medical Technician
Pharmacology**

5.0 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.

EMS 1132 EMS Intravenous / Intraosseous Therapy

6.0 Credits

Focuses on 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.

EMS 1133 Advanced Emergencies Medical Technician Medical Emergencies

4.0 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.

**EMS 1135 Advanced Emergency Medical Technician
Trauma Emergencies**

2.0 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

EMS 2006 EMT Intermediate Refresher

7.0 Credits

Meets or exceeds minimum requirements for renewing EMT Intermediate or EMT Intermediates in the re-entry program.

EMS 2020 Paramedic Refresher

4.0 Credits

Updates the EMT-P in four specific areas of prehospital emergency care. Includes trauma, medical, Advanced Life Support (ALS) and elective topics focused on ancillary issues in EMS.

EMS 2025 Fundamentals of Paramedic Practice

3.0 Credits

Introduces the paramedic student to the advanced practice of prehospital care. This course covers professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and basic and advanced airway management. This course discusses EMS 's role in the healthcare continuum, professional communication, patient care documentation, IV fluid therapy and resuscitation, and the application of evidence based medicine. A brief overview of human anatomy, physiology and pathophysiology is included.

EMS 2026 Fundamentals of Paramedic Practice - Lab

7.0 Credits

Teaches the skills necessary for the paramedic to apply professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and airway management. Serves as the companion course to Fundamentals of Paramedic Practice.

EMS 2027 Paramedic Special Considerations

8.0 Credits

Introduces the paramedic student to concepts in assessing and meeting the emergency care needs of the neonate, pediatric, geriatric and special needs patient. This course focuses on epidemiology, pathophysiology, assessment and treatment of these patient groups. Common medical and traumatic presentations are addressed. Relevant psychosocial and ethno cultural concepts and legal and ethical implications are integrated throughout.

EMS 2028 Paramedic Special Considerations Lab

7.0 Credits

Teaches the skills necessary for the paramedic to effectively assess and treat neonatal, pediatric, geriatric, and special needs patients utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Special Considerations.

EMS 2029 Paramedic Pharmacology

8.0 Credits

Introduces the paramedic student to advanced emergency pharmacology, pharmacokinetics and pharmacodynamics. This course will include laws affecting the use and distribution of medications, medication dosing, clinical calculations, routes of administration and discussion of common medication classifications to include indications, contraindications and side effects.

EMS 2030 Paramedic Pharmacology Lab

2.0 Credits

Teaches the skills necessary for the paramedic to safely and effectively administer emergency medications. Serves as the companion course to Paramedic Pharmacology.

EMS 2031 Paramedic Cardiology

8.0 Credits

Introduces the paramedic student to cardiovascular emergencies and the care of patients presenting with cardiovascular emergencies. Topics will include assessment of the cardiovascular system, ECG acquisition and interpretation both single lead and 12 lead, pathophysiology of cardiovascular disease and treatments indicated for a given disease.

EMS 2032 Paramedic Cardiology Lab

1.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients presenting with cardiovascular emergencies utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Cardiology.

EMS 2033 Paramedic Medical Emergencies

8.0 Credits

Expands on the paramedic student's knowledge of medical emergencies with the Integration of assessment findings in formulating a field impression and implementing a treatment plan. This course will cover principles of epidemiology and pathophysiology related to common medical emergencies including: neurological, abdominal and gastrointestinal disorders, immunological, infectious diseases, endocrine disorders, psychiatric disorders, toxicological, respiratory, hematological, genitourinary, gynecological, non-traumatic musculoskeletal disorders, and diseases of the eyes, ears, nose, and throat

EMS 2034 Paramedic Medical Emergencies Lab

1.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients with a variety of medical emergencies utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Medical Emergencies.

EMS 2035 Paramedic Trauma Emergencies

8.0 Credits

Expands on the paramedic student's knowledge of trauma emergencies with the integration of assessment findings in formulating a field impression and implementing a treatment plan for an acutely injured patient. The course will provide an in depth evaluation of trauma to include: categorization of trauma patients, incidence of trauma, trauma systems, types of injury, trauma assessment, documentation in trauma, trauma scoring scales, trauma center designations, and transfer of patients.

EMS 2036 Paramedic Trauma Emergencies Lab

8.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients with a variety of traumatic emergencies utilizing skills and simulation scenarios. Serves as the companion lab course for Paramedic Trauma Emergencies.

EMS 2037 Paramedic Internship Preparatory

9.0 Credits

Reviews concepts and techniques used in the prehospital setting.

EMS 2075 Special Topics

0-12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest. English

EMS 2080 Internship I: Paramedic

0.0 Credits

Serves as the preceptor/internship program for paramedic students.

EMS 2081 Paramedic Internship II

0.0 Credits

Serves as the continuation of EMS 280, preceptor program for paramedic students.

Engineering

EGG 1030 Robotics Design

1.0 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.

EGG 1051 Introduction to Experimental Design and Engineering

9.0 Credits

Introduces the design and construction of scientific and/or engineering experiments. This course covers the entire life cycle of the experiment or prototype from concept generation and design through construction, making measurements, analysis of collected data, and communication of results.

English

ENG 0092 Composition and Reading

13.0 Credits

Integrates and contextualizes college-level reading and writing.

ENG 0094 Studio 1021

10.0 Credits

Integrates and contextualizes reading and writing strategies tailored to co- requisite ENG 1021 coursework.

ENG 1015 Technical English & Communication

3.0 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 in order to become successful (or to remain successful) in the workplace.

ENG 1021 English Composition I : GT-CO1

3.0 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.

ENG 1022 English Composition II:GT-CO2

3.0 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.

ENG 1031 Technical Writing I: GT-CO1

3.0 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.

ENG 2001 English Composition III: GT-CO3

3.0 Credits

Provides the skills necessary to enter into higher-level undergraduate academic discourse or professional workplace writing. This course extends rhetorical knowledge and develops critical reading, thinking, and writing strategies in multiple specialized areas of discourse beyond what is encountered in previous composition courses. Guaranteed Transfer (GT) Pathways Course Statement: The Colorado Commission on Higher Education has approved ENG 2001 for inclusion in the Guaranteed Transfer (GT) Pathways program in the GT-CO3 category.

ENG 2021 Creative Writing I: GT-AH1

3.0 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.

ENG 2022 Creative Writing II

3.0 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.

Environmental Science

ENV 1010 Natural Disasters: GT-SC2

3.0 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.

ENV 1111 Environmental Science with Lab: GT-SC1

9.0 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.

Esthetician

EST 1010 Introduction to Skin Care

3.0 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.

EST 1011 Intermediate Skin Care

2.0 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.

EST 2010 Advanced Skin Care

2.0 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.

EST 2011 Make-up for Skin Care Professionals

1.0 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.

EST 2012 Hair Removal

3.0 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.

Ethnic Studies**ETH 2000 Introduction to Ethnic Studies: GT-SS3**

3.0 Credits

Introduces the issues of race and ethnicity through the exploration of four major groups in the United States. This course explores issues of race and identity, racism and discrimination, stereotyping, prejudice, segregation, colonialism, integration, and acculturation pertaining to Americans of African, Asian, Latino, and Indigenous descent, as well as additional ethnic identities. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Finance**FIN 2010 Principles of Finance**

3.0 Credits

Provides factual knowledge of financial institutions and the monetary system used in the United States in relationship to the global economy. Examines tools and techniques such as capital budgeting, time value of money, analysis of financial statements, cost of capital, and risk analysis to analyze business decisions, plan and determine project and firm value, and evaluate sources of financing.

FIN 3020 Applied Finance

3.0 Credits

Focuses on applying financial concepts, ethical and financial sustainability practices to promote managerial success and improve organizational performance. It addresses the budgeting process, raising capital and examines cash and risk management. Topics include analysis of financial markets, managing financial performance, cash and capital budgeting, risk versus return, capital structure, time value of money, and financing for both short and long-term requirements.

Geographical Information Sys**GIS 1000 Geographic Information System Fundamentals**

3.0 Credits

Introduce students to an overview of geospatial technology. Students will be introduced to the concepts of spatial thinking and analysis through the exploration of GIS, Remote Sensing, web-based maps and mobile mapping. Emphasis is placed on understanding the fundamental aspects of these technologies and how they are currently being applied across a variety of disciplines.

GIS 1001 Introduction to Geographic Information Systems

3.0 Credits

Surveys the development, application and use of geographic information systems (GIS).

Geography**GEO 1005 World Regional Geography: GT-SS2**

3.0 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.

GEO 1006 Human Geography: GT-SS2

3.0 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.

GEO 1012 Physical Geography - Weather, Climate and Ecosystems w/Lab: GT-SC1

9.0 Credits

Introduces the principles of meteorology, climatology, ecology, and regional climate classification. The course investigates the geographic factors which influence climate and ecosystems such as topography, elevation, winds, ocean currents, and latitude. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Geology

GEY 1111 Physical Geology with Lab: GT-SC1

11.0 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.

GEY 1112 Historical Geology w/Lab: GT: SC1

4.0 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.

Gun Range

GUR 1020 NRA Range Safety Officer Course

0.5 Credits

Designed for persons who have been assigned by a ranger owner, operator, or manager to oversee range safety. Course content includes: ensuring the range is safe to use; conducting range safety briefings for shooters; handling ammunition and firearm malfunctions safely; supervising safety aspects of shooting activities; and handling emergency procedures as established by the range management.

GUR 1006 NRA Basic Pistol Shooting

0.5 Credits

Provides the basic knowledge, skills, and attitude necessary to safely own and use a pistol.

GUR 1012 NRA Personal Protection Course

1.0 Credits

Introduces the basic knowledge, skills, and attitude necessary for the safe and proper use of a handgun, and provides information on the Citizen's right of self-defense. It is of benefit to beginning and experienced shooters alike.

GUR 2000 NRA Basic Instruction Training

0.5 Credits

Covers teaching principles, instructional techniques, and training aids used to teach the NRA Basic Firearms Training Courses.

GUR 2001 NRA Home Firearm Safety Instructor Course

0.5 Credits

Covers teaching principles, instructional techniques, and training aids used to organize and conduct the NRA Home

Firearms Safety Instructor Course.

GUR 2006 NRA Basic Pistol Instructor Course

1.0 Credits

Designed to develop NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Basic Pistol Shooting Course.

GUR 2007 NRA Basic Shotgun Shooting Instructor

1.0 Credit

Covers teaching principles, instructional techniques, and training aids used to teach the NRA Basic Shotgun Shooting Instructor course.

GUR 2008 NRA Muzzleloading Instructor

1.0 Credit

Develops NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Basic Muzzleloading Course/s.

GUR 2010 NRA Basic Rifle Instructor

1.0 Credit

Covers teaching principles, instructional techniques, and training aids used to organize and conduct the NRA Basic Rifle Shooting Instructor Course.

GUR 2012 NRA Personal Protection Instructor

1.0 Credits

Develops NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Personal Protection Course.

GUR 2050 Instructional Leadership

1.0 Credits

Provides practical application of the teaching and organizational skills learned in the TSJC/NRA Shooting and Firearms Safety course series using an internship model. The student will assist in the planning, promotion, teaching, and follow up documentation for one NRA Firearms Safety class. This is the final course in the TSJC/NRA Firearms Safety Instructor Certificate program.

Gunsmithing

GUS 1000 Orientation and Firearms Safety

0.5 Credits

Incorporates two parts in this course - 1) orientation to the gunsmithing program and 2) introduction to the basic principles of firearm safety.

Completing students receive an NRA home firearm safety certificate of completion.

GUS 1001 Introduction to Small Arms

4.0 Credits

Introduces the history, basic functions, and troubleshooting techniques for modern military small arms.

GUS 1002 Introduction to Firearms

3.0 Credits

Explores the history of firearms and ammunition, firearms design and the function of modern firearms.

**GUS 1003 Small Arms Hand Tools, Bench Work,
Metallurgy, and Shop Practices**

4.0 Credits

Introduces hand tools, benchwork, basic metallurgy, shop practices, and inspection procedures common to small arms repair work. This includes shop safety, proper use of precision and semi-precision measuring tools, basic heat-treating of steel, forging, metal finishing, and small arms inspection.

GUS 1010 Firearms Bench Metal

12.0 Credits

Emphasizes shop safety and hand work, including: the proper use of measuring and hand tools, layout, drilling, sawing, filing, soldering, silver soldering, forging, heat treatment, and hand polishing.

GUS 1012 Firearms Machine Shop I

12.0 Credits

Introduces theory and practice of shop safety, metalworking lathe, and milling machine operations. Students will demonstrate proper use of machine tools while making specialized gunsmithing tools.

GUS 1019 Stockmaking I

11.0 Credits

Introduces stockmaking techniques for a bolt action rifle from semi-inletted blanks. The course will cover inletting the barrel and trigger guard, glass bedding, installing grip cap, recoil pad, fore-end tip, swivels, shaping, sanding and finishing.

GUS 1027 Firearms Machine Shop II

4.0 Credits

Continues the theory and practice of shop safety, metalworking lathe, and milling machine operations. Students will demonstrate proper use of machine tools while making specialized gunsmithing tools and fitting, chambering, and contouring a barrel for a bolt action rifle.

GUS 1035 Firearms Conversions

10.0 Credits

Examines various techniques for conversion of military rifle actions into customized sporter rifle actions. Bolt handles, safeties, iron sights, scope mounts, adjustable triggers, and trigger guard contouring and other custom conversions and accessories will be included.

GUS 1036 Firearms Metal Finishing

2.0 Credits

Focuses on the skills necessary to perform firearms bluing and parkerizing techniques. Topics include necessary equipment, chemical mixing procedures, and safety as they apply to hot caustic bluing, rust bluing, parkerizing and metal preparation.

GUS 1039 Stock Duplication

2.0 Credits

Introduces gunstock woods, stock layout, and basic stock duplicating machine operations. Students will sharpen chisels, design and cut a semi- inletted gunstock.

GUS 1047 Firearms Repair I

9.0 Credits

Explores firearms repair theory and practice. Topics include necessary tools, design, function, takedown, troubleshooting, assembly and repair of selected handguns, shotguns, and rifles.

GUS 1050 Knifemaking I

2.0 Credits

Incorporates theory, individualized instruction and student project work. Enables the student to develop skill by completing the entire process required to construct a knife. The number of projects are determined by instructor and student.

GUS 1051 Knifemaking II

2.0 Credits

Builds on the skills learned in GUS 1050 and continues individualized instruction and project work. Enables the student to develop skills by completing the entire process required to construct a knife. Covers Lockback and Hollowground knives. The number of projects are determined by the instructor and student.

GUS 1062 Gunstock Checkering

2.0 Credits

Includes pattern design, laying out, scribing, transferring the pattern, checkering techniques, and finishing. Hand and power checkering tools will be covered.

GUS 2001 Tools and Fixtures

2.0 Credits

Focuses on the study and manufacture of tools including milling cutters, taps, dies, and reamers. Includes the study and measurement of screw threads. Incorporates projects to include milling cutters, reamers, taps, and dies.

GUS 2002 CNC I

2.0 Credits

Incorporates a combined lecture/lab that provides an overview of CNC machining and programming. Enables the student to program and machine small parts.

GUS 2005 Firearms Machine Shop III

4.0 Credits

Continues the study of machine tool operation with special emphasis on gunsmithing procedures. Course work includes safety, milling, lathe, and advanced barrel fitting and chambering.

GUS 2008 Alternative Metal Finishes

2.0 Credits

Examines alternative spray-on and transfer coatings available to the modern gunsmith.

GUS 2040 Shotgunsmithing

2.0 Credits

Provides the advanced gunsmithing student the theories and principles of the most popular shotgun modifications. Emphasizes back boring, choke tubes, forcing cones, shotgun beads, and dent removal.

GUS 2045 Stockmaking II

10.0 Credits

Explores advanced stockmaking techniques for one and two piece gunstocks of both wood and synthetic materials. Techniques in glass bedding, gun fitting, installation of custom hardware and finishing techniques will also be studied.

GUS 2047 Firearms Repair II

7.0 Credits

Provides an advanced gunsmithing course in firearms repair theory and practice. Topics include design, function, takedown, troubleshooting, assembly and repair of selected shotguns, rifles, and handguns. Also included is the use of specialized tools and fixtures.

GUS 2051 Bolt action accuracy Blueprinting

2.0 Credits

Focuses on the study of the necessary modifications to convert the standard bolt action into a varmint, bench rest, or match rifle action. Emphasizes the remachining of the main line and lock up areas of the action. These operations create a straight action concentric to its bore. Covers the building and use of specialized tools and fixtures as well as precision barrel fitting.

GUS 2065 Comprehensive Skills Evals

0.5 Credits

Learn competencies through a comprehensive evaluation after students have completed the Gunsmithing Program curriculum.

GUS 2068 Custom Pistolsmithing

3.0 Credits

This course instructs the gunsmithing student in the principles necessary to modify a Colt, Government style 1911 model (or its copies) into a competition firearm used in various shooting sports. Topics covered include: inspecting, troubleshooting, executing custom modifications using specialized tools, jigs, and fixtures, reassembly, and performing post assembly checks on Colt 1911 type semi-automatic handguns.

GUS 2069 Custom Revolversmithing

3.0 Credits

Topics covered include inspecting, troubleshooting, executing custom modifications, reassembly, and performing post assembly checks on Smith & Wesson double action type revolvers.

GUS 2075 Special Topics

0-12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

GUS 2089 Capstone

0-12 Credits

To Be Determined by Instructor Gunsmithing – NRA

GUS 2200 Small Arms Repair

4.0 Credits

Explores small arms repair theory and practice. Topics include special tools, small arms design and function, troubleshooting, disassembly, repair, reassembly, and testing of current military small arms.

GUS 2201 Machine Gun Repair

9.0 Credits

Explores machine gun repair theory and practice. Topics include special tools, design and function, troubleshooting, disassembly, repair, reassembly, and testing of current military machine guns.

Gun Repair

GUR 1001 NRA Home Firearm Safety Course

0.5 Credits

To teach the basic knowledge and skills and to explain the attitude necessary for the safe handling and storage of guns in the home.

GUN 1004 Blueing and Metal Finishes

2.0 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

GUR 1007 NRA Basic Shotgun Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a shotgun.

GUR 1008 NRA/NMLRA Muzzleloading Pistol Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading pistol.

GUR 1009 NRA/NMLRA Muzzleloading Rifle Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading rifle.

GUR 1010 NRA Basic Rifle Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a rifle.

GUR 1011 NRA/NMLRA Muzzleloading Shotgun Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading pistol.

GUR 2020 NRA Chief Range Safety Officer Course

0.5 Credits

Develops NRA Certified Range Safety Officers who possess the knowledge, skills, and attitude necessary to train and supervise NRA Range Safety Officers and to provide the essential information to develop Range Standard Operating Procedures.

Gunsmithing - NRA

GUN 1003 Blueing

2.0 Credits

Covers blueing methods, chemicals, temperatures, and equipment. Incorporates hands-on experience with firearm disassembly, metal preparation, and blueing process.

GUN 1005 Color Case Hardening

2.0 Credits

Focuses on first hand experience in color case hardening. Includes equipment, metal preparation, types of charcoal, quenching mediums, and source of supplies. Students should bring two or three suitable actions and other parts (grip caps, butt plates, or similar small parts) to be color case hardened. Contact the instructor to make sure that your actions are suitable for color case hardening.

GUN 1016 Basic Precision Welding

2.0 Credits

Serves as a forty-hour block of hands-on instruction in four welding processes: Oxy/Acetylene; Shielded Arc Welding; Gas Metal Arc Welding (MIG); and Gas Tungsten Arc Welding (TIG). Emphasizes fabrication and repair of small metal fixtures and parts relating to the gunsmithing industry.

GUN 1020 Basic Machine Shop

2.0 Credits

Incorporates instruction and hands-on experience in machine tool operation. Focuses on experience with the drill press, metalworking lathe, and milling machine in the manufacture of parts and tools. Enrollment is limited to 14 students.

GUN 1021 Advanced Machine Shop

2.0 Credits

Provides further instruction and practice on machine tool operations. Focuses on rifle rebarreling techniques and advanced machine shop operations. Projects vary according to individual interests, but could include tool making or octagon barrels. Enrollment is limited to 14 students.

GUN 1022 Tools and Fixtures

2.0 Credits

Serves as a one-week machine shop course that covers the making of various specialized tools and fixtures used in the gunshop. Projects vary depending on the requirements of the individual student and the types of firearms they wish to work on.

GUN 1030 Introduction to Computer Numerical Control (CNC) Machining

2.0 Credits

Covers the history of Computer Numerical Control (CNC) machining development, major types of CNC machinery, basic shop math for CNC operations, basic machining processes related to CNC operations, fundamentals of CNC machine set-up and operations, and common types of work piece materials.

GUN 1068 Single Action Revolver Modifications

2.0 Credits

Serves as a one-week course designed for Ruger single action revolvers, although the Colt SAA and copies are also welcome. Covers basic action tuning (general use, hunting, and Cowboy), troubleshooting, timing, barrel fitting, and sight installations.

GUN 1101 Introduction to Gunsmithing

2.0 Credits

Covers operational theory, disassembly and assembly, proper use of the hand tools and precision measuring instruments, and an introduction to basic bench work of the gunsmithing trade. Addresses minor gun repair and the installation of firearm accessories. Includes a brief study of Federal Firearms Law and record keeping.

GUN 1102 Gunsmithing Hand Tools

2.0 Credits

Introduces gunsmithing tools and their use. Enables the student to make various specialized gunsmithing hand tools. Includes filing, layout work, forging, soldering, brazing, basic metallurgy and heat treating, and shop safety.

GUN 1108 Blueprint Bolt Actions

2.0 Credits

Provides instruction in the highest quality benchrest and competitive rifle techniques for the truing and lapping of the bolt action. Involves tuning the lug seats in the receiver and on the bolt, turning bolt faces and fitting oversized recoil lugs, and installing Sako type or AR 15 extractors to complete the alteration. Students provide their own action, lugs and extractors.

GUN 2075 Special Topics

0.0 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

Health & Wellness

HWE 1050 Human Nutrition

3.0 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.

Health Professional

HPR 1010 Dietary Nutrition

1.0 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.

HPR 1036 Human Diseases

4. Credits

Covers basic knowledge of the deviations that occur in the human body with disease and injury. An integrated study of signs/symptoms, diagnostic tests and treatment.

HPR 1039 Medical Terminology

3.0 Credits

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.

HPR 1040 Comprehensive Medical Terminology

3.0 Credits

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.

HPR 1050 Basic EKG Interpretation

2.0 Credits

Lecture/ Provides instruction for interpretation of EKG strips, anatomy and physiology of the heart, using three-lead monitoring as a guide. Three-lead EKG may be discussed.

HPR 2011 ACLS

1.0 Credits

Presents the required material for ACLS completion. It will cover arrhythmias, medications, therapeutic modalities for life threatening arrhythmias, airway management, and other treatment modalities used in cardiac and respiratory arrest.

History

HIS 1110 The World: Antiquity-1500: GT-HI1

3.0 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.

HIS 1120 The World: 1500-Present: GT-HI1

3.0 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.

HIS 1210 United States History to Reconstruction: GT- HI1

3.0 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 gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

**HIS 1220 United States History Since the Civil War:
GT-HI1**

3.0 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.

HIS 1310 Western Civilization: Antiquity-1650: GT-HI1

3.0 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.

HIS 1320 Western Civilization: 1650-Present: GT-HI1

3.0 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.

HIS 2015 20th Century World History: GT-HI1

3.0 Credits

Investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions, empires, and nation-states since the late nineteenth century. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2105 Women in U.S. History: GT-HI1

3.0 Credits

Examines women's changing roles in American history. It explores the nature of women's work and the participation of women in family, political, religious, and cultural activities and in social reform movements. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2110 African American History: GT-HI1

3.0 Credits

Explores the experiences and contributions of African Americans from the colonial period to the present through the social and economic lives and roles of African Americans, their roles in politics and war, their achievements, and movements for self-help and civil rights. 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.

HIS 2115 American Indian History: GT-HI1

3.0 Credits

Analyzes historical and socio-cultural change for Native Americans from pre-colonial America to the present, emphasizing those processes and relations with non-Native Americans which have contributed to current conditions. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2135 Colorado History:GT-HI1

4.0 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.

Horticulture

HLT 1101 Introduction to Horticulture

5.0 Credits

Introduces the biology of horticultural plants, and basic horticultural practices.

Human Performance and Exercise

HPE 1000 Introduction to Physical Education and Sport

2.0 Credits

Focuses on the field of physical education and sports. Includes trends, precedents and their effects in the health and total wellness of those involved.

HPE 1001 Introduction to Coaching

5. 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.

HPE 2000 Perspectives in PE & Sport

6. Credits

This course discusses the breadth, scope, and nature of the profession. It is an orientation to the history and philosophy of human performance and the factors that influence its evolution. Special consideration is given to the history of sport from antiquity to the present, particularly the Olympic Games.

HPE 2031 Care and Prevention of Athletic Injuries

3.0 Credits

Focuses on techniques in prevention, care and basic rehabilitation of athletic injury.

Human Services

HSE 1006 Survey of Human Services

4.0 Credits

Provides a philosophical, political, statutory and contemporary overview of the role, values, knowledge and intervention strategies encountered by human service professionals in addressing social problems.

HSE 1007 Interviewing Principles and Practices

3.0 Credits

Provides a beginning level of information on theoretical concepts, primary principles, strategies and interventions implemented in the practice and delivery of human services to individuals and families using the human services interview.

HSE 1009 Social Issues – Human Services

3.0 Credits

Provides an analytical overview of the social functions of human services. Examines the welfare system from various political perspectives. Presents idealism and pragmatism of the present state of human services and trends for the future.

HSE 1030 Introduction to Disabilities

3.0 Credits

Focuses on types of disabilities and their affect on cognition, society, mobility, and appearance. This course includes historical perspectives and treatments, service, barriers, and legal concerns.

HSE 1088 Human Services Practicum I

4.0 Credits

Provides experience in various service agencies to familiarize students with agency work. Emphasizes developing observational skills, individual growth in self-awareness, interviewing skills, introduction to agencies and client systems. A weekly classroom seminar complements the agency experience.

HSE 2005 Human Services for Groups

3.0 Credits

Introduces the concepts, principles, goals and skills of group work as a method of providing human services. Emphasis is on basic practice skills and intervention techniques. Offered fall semester only.

HSE 2006 Human Services for Families

3.0 Credits

Introduces family theory and practice. Covers such topics as systems theory, communications theories, structure therapists, developmental theory and future directions in family therapy research.

HSE 2009 Crisis Theory and Intervention

3.0 Credits

Introduces basic theories and principles of crisis intervention from a historical and practical orientation. Offered spring semester.

HSE 2007 Community Organization

3.0 Credits

Examines the theory and practice of organizing communities, neighborhoods, committees and advisory boards as they relate to the social services delivery system.

HSE 2015 Introduction to Delinquency and Justice

3.0 Credits

Provides a historical and philosophical background of theories, ideologies, statutes, political processes and policies of the American Juvenile Justice System. Examines juvenile processes from predelinquency and adjudication, through corrections.

HSE 2026 Case Management for Human Services Practitioners

3.0 Credits

Introduces an advanced program of study incorporating the theory and practice strategies of case management utilizing the specialist model approach.

HSE 2075 Special Topics

0.0 Credits

This course provides students with a vehicle to pursue in depth exploration of special topics of interest.

Humanities

HUM 1015 World Mythology: GT-AH2

3.0 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.

HUM 1021 Humanities: Early Civilization:GT-AH2

3.0 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.

HUM 1022 Humanities: Medieval-- Modern: GT-AH2

3.0 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.

HUM 1023 Humanities: Modern World: GT-AH2

3.0 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.

Law Enforcement Academy

LEA 1001 Basic Police Academy I

14.0 Credits

Conforms to POST (Peace Officer standards and Training) 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 both a lecture and laboratory mode of learning.

LEA 1002 Basic Police Academy II

12.0 Credits

Conforms to POST (Peace Officer Standards and Training) standards and state certification requirements as well as the basic skills and knowledge 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.

LEA 1005 Basic Law

8.0 Credits

Conforms to the Colorado POST (Peace Officer Standards and Training) 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.

LEA 1006 Arrest Control Techniques

3.0 Credits

Conforms to POST (Peace Officer Standards and Training) 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. 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.

LEA 1007 Law Enforcement Driving

3.0 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.

LEA 1008 Firearms

3.0 Credits

Conforms to POST (Peace Officer Standards and Training) 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. 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 be able to explain the firearms role within the continuum of force.

Literature

LIT 1015 Introduction to Literature I: GT-AH2

3.0 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.

LIT 2001 World Literature to 1600:GT-AH2

3.0 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.

LIT 2002 World Literature After 1600: GT-AH2

3.0 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.

LIT 2005 Race, Ethnicity, and Culture in U.S. Literature: GT-AH2

3.0 Credits

Focuses on significant texts by ethnic Americans, including African-American, Native American, Latino/a, and Asian Americans. Emphasizes careful reading and understanding of the cultural and literary elements of the works. This course is one of the Statewide Guaranteed Transfer courses. GT-AH2

LIT 2011 American Literature to Civil War: GT-AH2

3.0 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.

LIT 2012 American Literature After the Civil War: GT- AH2

3.0 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.

LIT 2021 British Literature to 1770: GT-AH2

3.0 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.

LIT 2055 Children's Literature: GT-AH2

3.0 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.

LIT 2059 Survey of African American Literature: GT-AH2

3.0 Credits

Examines African American literature from 1750 to the present, exploring ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers. This course is one of the Statewide Guaranteed Transfer courses. GT-AH2 Management

Machining

MAC 1078 Machining Workshop

0.0 Credits

Provides students with an experiential learning opportunity.

MAC 2078 Machining Workshop

0.0 Credits

Provides students with an experiential learning opportunity.

Management

MAN 1002 Ethics & Values

1.0 Credits

Explores the foundations of business ethics which includes influences and guidelines to help you make good decisions at work. Students will identify traits of ethical people and ethical organizations, such as, integrity, character, honesty, self-control, and self-sacrifice.

MAN 1017 Time Management

1.0 Credits

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.

MAN 2000 Human Resource Management I

3.0 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.

MAN 2016 Small Business Management

3.0 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.

MAN 2026 Principles of Management

3.0 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.

MAN 3030 Contemporary Management

3.0 Credits

Provides a broad overview of current organizational management principles, techniques, and concepts needed for managerial analysis and decision-making related to planning, organizing, leading, and controlling of organizational resources. This course also explores the evolving nature and roles of managers and leaders.

MAN 3050 Innovation and Change Management

3.0 Credits

Provides essential skills required to navigate the dynamic and ever-evolving business environment. This course explores and applies the concepts, theories, and practical tools necessary to understand and drive organizational change, fostering adaptability and innovation within an organization.

MAN 3060 Operations Management

3.0 Credits

Examines the planning, organization, and measurement of operations common within successful business production and service. This course emphasizes product design, supply chain management, quality control, inventory management, and planning.

MAN 4030 Organizational Leadership

3.0 Credits

Explores leadership development through foundational theories, along with development and applications of effective leadership principles and skills. This course covers motivation, group dynamics, conflict resolution, power/politics, communication, and organizational change and development. This course emphasizes a personal leadership development plan toward becoming an effective leader in the organization.

MAN 4040 Strategic Management

3.0 Credits

Applies strategic thinking and development and implementation strategies for businesses with a domestic and global perspective. This course combines fundamentals from accounting, marketing, finance and management, operations, and management information systems to analyze information and make strategic decisions and plans.

MAN 4060 Human Resources and Supervisory Management

3.0 Credits

Establishes the foundational knowledge and skills required to effectively manage personnel, foster a productive work environment, and handle various human resource functions within an organization. The course explores applications of the key principles, best practices, and legal aspects of Human Resources (HR) and supervisory management.

Marketing

MAR 1011 Principles of Sales

3.0 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.

MAR 1060 Customer Service

3.0 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.

MAR 2002 Event Marketing/Communications

3.0 Credits

Explores the importance and role of marketing, media and public relations in the event planning industry. This course covers marketing and communication tools such as social media, promotional events, networking, and blogs. The development of marketing plans will be discussed including targeted market research, communication tools, objectives, strategies, and implementation.

MAR 2016 Principles of Marketing

3.0 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.

MAR 3040 Business Practical Marketing

3.0 Credits

Explores contemporary marketing environments, effective strategies and practices and common legal, ethical, and social issues within a variety of industries. This course emphasizes elements of the marketing mix, including product and service development and management, social media, e-marketing, pricing, channel management, and promotion.

MAR 4010 Digital Marketing and Analytics

3.0 Credits

Presents practical application of the Internet and digital platforms for marketing products and services. This course develops skills and techniques in product and services marketing, sales, and analytics. This course explores the diverse online business models, digital advertising, social media marketing techniques, and advanced marketing analytics. The course emphasizes

data-driven marketing decision-making.

Mathematics

MAT 0200 Algebraic Literacy Lab

1.0 Credit

Supports skill development in students registered in Algebraic Literacy. Topics covered in this course include those defined in Algebraic Literacy and/or any prerequisite skills needed by the student.

MAT 0250 Quantitative Literacy

4.0 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.

MAT 0300 Algebraic Literacy

4.0 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 College Algebra (MAT 1340) and Finite Math (MAT 1320).

MAT 1120 Math for Clinical Calculations

3.0 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.

MAT 1140 Career Math:

3.0 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.

MAT 1150 Technical Mathematics

4.0 Credits

Covers mathematical material designed for career and technical students. Topics include measurement, algebra, geometry, trigonometry, and vectors. These are presented at an introductory level and the emphasis is on applications.

MAT 1160 Financial Mathematics

3.0 Credits

Covers the fundamentals of financial mathematics. Topics include pricing, taxes, insurance, interest, annuities, amortization, and investments.

MAT 1220 Integrated Math I: GT-MA1

3.0 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.

MAT 1230 Integrated Math II: MA1

3.0 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.

MAT 1240 Mathematics for the Liberal Arts: GT-MA1

4.0 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.

MAT 1260 Introduction to Statistics: GT-MA1

3.0 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.

MAT 1320 Finite Mathematics: GT-MA1

4.0 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.

MAT 1340 College Algebra: GT-MA1

4.0 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.

MAT 1400 Survey of Calculus: GT-MA1

4.0 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.

MAT 1420 College Trigonometry: GT-MA1

3.0 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.

MAT 1440 Pre-Calculus: GT-MA1

5.0 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.

MAT 2410 Calculus I: GT-MA1

b. 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.

MAT 2420 **Calculus II: GT-MA1**

5.0 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.

MAT 2430 **Calculus III: GT-MA1**

4.0 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.

MAT 2431 **Calculus III with Engineering Applications: GT-MA1**

5.0 Credits

Focuses on the traditional subject matter of multivariable Calculus with an additional emphasis on word problems and problem solving. Topics include vectors, vector-valued functions, partial derivatives, analytic geometry, multiple integrals, line integrals, Stokes', Divergence Theorems and Green's Theorems, and applications. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

MAT 2560 **Differential Equations: GT-MA1**

3.0 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.

Medical Assisting Professional

MAP 1010 **Medical Office Administration**

4.0 Credits

Introduces the administrative duties specifically used in medical offices.

MAP 1020 **Medical Office Financial Management**

4.0 Credits

Covers the practical uses of accounts and records with emphasis on accounting principles and analysis for use in a medical office. This course introduces outpatient coding with an ultimate goal to present a clear picture of medical procedures and services performed, such as Current Procedural Terminology (CPT) codes, correlating the diagnosis, symptom, and complaint or condition, and International Classifications of Diseases (ICD) codes, thus establishing the medical necessity required for third-party reimbursement.

MAP 1050 **Pharmacology for Medical Assistants**

3.0 Credits

Provides an overview of pharmacology language, abbreviations, systems of measurement, and conversions. The Controlled Substances Act, prescriptions, forms of medications, patient care applications, drug classifications/interactions, and safety in drug therapy and patient care are presented. Information regarding the measurement of medications, dosage calculations, routes of administration, and commonly prescribed drugs in the medical office is provided.

MAP 1083 **Medical Assistant Internship**

0.0 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.

MAP 2038 **Medical Assisting Laboratory**

4.0 Credits

Introduces basic, routine laboratory skills and techniques for collection, handling, and examination of laboratory specimens often encountered in the ambulatory care setting.

MAP 2040 Medical Assisting Clinical Skills

4.0 Credits

Provides hands on experience with clinical skills required in medical offices. Delivers theory and skills presentations allowing for students to properly demonstrate techniques for a variety of medical needs.

MAP 2069 Review for Medical Assistant National Exam

1.0 Credit

Prepares the candidate sitting for the National Registration/Certification examination for Medical Assistant through review and practice. These examinations are given with the intent of evaluating the competency of entry-level practitioners in Medical Assisting, supporting quality care in the office or clinic.

Multimedia Graphic Design

MGD 1001 Introduction to Computer Graphics

3.0 Credits

Introduces the student to the computer system and software used to develop graphics. The student will learn the hardware and software components for publication and multimedia production through execution in various vector, raster, page layout and multimedia programs. Students will be introduced to career opportunities within graphics fields.

MGD 1002 Introduction to Multimedia

3.0 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.

MGD 1004 Videography

3.0 Credits

Offers an introduction to the principles and techniques of videotape production, including camera operation, basic script writing, lighting, sound and basic digital editing. Detailed examination of the pre-production, production, and post-production processes, as well as aesthetics, will be included.

MGD 1011 Adobe Photoshop I

3.0 Credits

Concentrates on the high-end capabilities of Adobe Photoshop as an illustration, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics and videos. Course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop.

MGD 1012 Adobe Illustrator I

3.0 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.

MGD 1013 Adobe InDesign

3.0 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.

MGD 1033 Graphic Design I

3.0 Credits

Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures

MGD 1041 Web Design I

3.0 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.

MGD 1043 Motion Graphic Design I:(Software)

3.0 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.

MGD 1056 Emergent Media Practices

3.0 Credits

Explores techniques and approaches in the latest delivery methods for web, mobile, and emergent media communication. Students explore digital media outlets such as blogs, podcasts, e-zines and social networks. Concepts in video production, photography, journalism, marketing, advertising, public relations, editing and relevant skills necessary for agile mass communication are introduced. Students create communication pieces for internet-based, mobile, and emergent media.

MGD 1064 Digital Video Editing I

3.0 Credits

Introduces to digital non-linear video editing. Students will capture, compress, edit, and manipulate video images using a personal computer. Assembly techniques including media management, editing tools, titles, and motion control; transitions and filters, and special effects are explored.

MGD 2033 Graphic Design II

3.0 Credits

Continues instruction in idea development for advanced graphic design

MGD 2064 Digital Video Editing II

3.0 Credits

Looks at the more complex and advanced techniques of digital video editing. Areas of editing such as masking, filtering, blue/green screening, track mattes, and image mattes will be examined. Students will produce a movie project in this class and discuss practical ways to distribute to various audiences.

Music

MUS 1000 Music Theory Fundamentals I

3.0 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.

MUS 1020 Music Appreciation: GT-AH1

3.0 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.

MUS 1021 Music History Medieval thru Classical: GT-AH1

3.0 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.

MUS 1022 Music History Early Romantic Period to the Present: GT-AH1

3.0 Credits

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.

MUS 1023 Survey of World Music: GT-AH1

3.0 Credits

Provides an overview of non-Western music from around the world; provides basic listening skills and the historical/cultural context for a variety of world music styles to enable an understanding and appreciation of non-Western musical expression. This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

MUS 1025 History of Jazz: GT-AH1

3.0 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 a jazz music vocabulary. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

Nail Technician

NAT 1010 Introduction to Nail Care

3.0 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.

NAT 1011 Intermediate I Nail Care

2.0 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.

NAT 2010 Advanced Nail Care

2.0 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.

NAT 2011 Application of Nail Enhancements

6.0 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.

Nursing

NUR 1001 Pharmacology Calculations

1.0 Credit

Prepares nurse to provide safe, patient-centered nursing care related to dosage calculations within the respective scope of practice. This course introduces critical thinking applied to dosage calculations and communication used when interacting with patients and members of the healthcare team related to various aspects of safe administration of medications. Information technology used to document medications administered and patient technology used to deliver medications are also practiced.

NUR 1006 Medical Surgical Nursing Concepts

10.0 Credits

NUR106 is the first medical/surgical nursing course. Building on NUR109, this course provides for the acquisition of basic medical/surgical nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered care to a developmentally and culturally diverse adult patient population experiencing various medical/surgical interventions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings.

NUR 1009 Fundamentals of Nursing

13.0 Credits

Fundamentals of Nursing (NUR 1009) introduces the fundamental concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the nurse. Introduces caring, critical thinking, the nursing process, quality improvement, and communication used when interacting with patients and members of the interdisciplinary team, and relates evidence-based nursing practice. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings providing care to stable patients with common health alterations.

NUR 1012 Basic Concepts of Pharmacology

4.0 Credits

Overview of the basic principles of pharmacology including major drug classifications and prototypes of commonly used medications. Principles of medication administration include aspects of best practice for safe, quality, patient-centered care. Central points include safety, quality improvement factors in the administration of medications, patient teaching, and variations encountered when administering medications to diverse patient populations across the lifespan.

NUR 1050 Maternal - Child Nursing

5.0 Credits

Nursing 150 provides for the acquisition of maternal/child nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, family-centered nursing care to childbearing families and children that is developmentally and culturally appropriate. Incorporates evidence-based practice, standards of practice, quality improvement, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of maternal/child and pediatric clinical settings.

NUR 1069 Transition into Practical Nursing

4.0 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.

NUR 1089 Transition from LPN to ADN

3-4 Credits

Facilitates transition of the LPN to new roles and responsibilities of the ADN, the nursing process, critical thinking, legal and ethical issues in nursing practice, and the nursing care of childbearing families and pediatric clients. Application of knowledge and skills occurs in the laboratory and maternal/ child and pediatric clinical settings.

NUR 2002 Transition from LPN to Professional Nursing

2.0 Credits

Lab Credit: 0.5 Clinical Credit: 0.5 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 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.

NUR 2006 Advanced Concepts of Medical-Surgical Nursing I

6.5 Credits

Advanced Concepts of Medical-Surgical Nursing I builds on Medical Surgical Nursing Concepts focusing on advanced concepts of nursing applied to care of patients with high acuity medical/surgical conditions. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care to developmentally and culturally diverse adult patients. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in a variety of healthcare settings. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of clinical settings.

NUR 2011 Psychiatric-Mental Health Nursing

3.0 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.

NUR 2012 Pharmacology II

2.0 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.

NUR 2016 Advanced Concepts of Medical-Surgical Nursing II

5.0 Credits

Nursing 2016 is a continuation of Nursing 206, focusing on complex medical/ surgical conditions of the high acuity patient. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care to developmentally and culturally diverse adult patients experiencing high acuity medical/surgical conditions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in the acute care and high acuity settings. Application of knowledge and skills occurs in a variety of clinical settings.

NUR 2030 Transition to Professional Nursing Practice

4.0 Credits

Nursing 230 is a seminar and practice capstone course that provides an integrative experience applying all dimensions of the professional nurse in the care of diverse patient populations across a variety of healthcare settings. All major concepts of the nursing program are addressed. Leadership and the management of multiple patients are emphasized. Application of knowledge and skills occurs in the clinical setting to facilitate an effective transition from student to registered professional nurse.

NUR 3001 Integration into Baccalaureate Nursing Practice

3.0 Credits

Explores professional nursing practice at the baccalaureate level. The course focuses on knowledge and understanding of the professional nursing standards and the nursing role at a baccalaureate level.

NUR 3002 Trends in Nursing Practice

3.0 Credits

Examines current issues that nurses encounter in the health care environment including their roles and responsibilities within the nursing profession.

NUR 3003 Nursing Research / Evidence Based Practice

3.0 Credits

Analyzes concepts associated with nursing research, collection, and analysis of data with emphasis on integration of evidenced-based practice within nursing. The course develops the skills for critiquing published research.

NUR 3004 Informatics / Healthcare Technology

3.0 Credits

Explores concepts and applications related to the nurse's role in utilizing healthcare informatics involving patient care technology. This course will explore the impact of information management systems on the delivery of patient care, healthcare teams, and health outcomes.

NUR 3005 Emergency Preparedness

3.0 Credits

Focuses on the nurse's roles and responsibilities in the most common types of disasters and how the nurse can deliver effective care in various emergency situations.

NUR 3007 Behavioral Health

3.0 Credits

Provides an overview of behavioral health promotion for individuals, families, and populations with behavioral health concerns. The focus of the course will explore the nurse's impact on behavioral health trends.

**NUR 4008 Legal and Ethical Issues Related to
Professional Nursing Practice**

3.0 Credits

Emphasizes the ethical and legal obligations of professional nursing practice. The focus is on values clarification, ethical theory, and ethical decision making models. Additionally, legal issues related to healthcare will be explored.

NUR 4009 Leadership in the Nursing Profession

3.5 Credits

Focuses on the role of the professional nurse as a leader within healthcare. The course integrates concepts needed to assume leadership and management positions in the healthcare environment.

NUR 4010 Community Health Nursing/Practicum

12.0 Credits

Focuses on the role of the professional nurse in community-based practice settings, with an emphasis placed on health promotion, prevention, and optimal wellness of the community.

NUR 4011 Senior Seminar

3.0 Credits

Integrates theory into practice by building on previous concepts and knowledge.

Nursing Assistant

NUA 1001 Nurse Aide Health Care Skills

4.0 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.

NUA 1002 Certification Exam Prep- Nurse Aide

0.5 Credits

Helps prepare the student for the National Nurse Aide Assessment Program (NNAAP) examination.

NUA 1070 Nurse Aide Clinical Experience

12.0 Credits

Applies knowledge and skill gained in NUA 1001 to patient care.

Occupational Safety Technician

OSH 1310 10-HR Construction Industry Standards

1.0 Credit

Provides a 10-Hour OSHA certification course for the construction industry and participants will review the current OSHA standards contained in 29 CFR 1926. Participants that complete the course will receive a certificate of completion from the United States Department of Labor, Occupational Safety and Health Administration. The course is taught by instructors certified by the Occupational Safety and Health Administration.

Philosophy

PHI 1011 Introduction to Philosophy: GT-AH3

3.0 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.

PHI 1012 Ethics: GT-AH3

3.0 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.

PHI 1013 Logic: GT-AH3

3.0 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.

PHI 1014 Comparative Religions: GT-AH3

3.0 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 its worldview and teachings. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

PHI 1015 World Religions-West: GT-AH3

3.0 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.

PHI 1016 World Religions-East: GT-AH3

3.0 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.

PHI 2005 Business Ethics: GT-AH3

3.0 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.

PHI 2014 **Philosophy of Religion: GT-AH3**

3.0 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.

PHI 2018 **Environmental Ethics: GT-AH3**

3.0 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.

Physical Education

PED 1001 **Conditioning Lab**

1.0 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.

PED 1002 **Weight Training**

2.0 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. 30 Contact Hours

PED 2010 **Archery**

2.0 Credit

Introduces the use of archery equipment, the basic skills, safety precautions, and rules of archery.

PED 2037 **Varsity Sports**

1.0 Credit

Allows the student-athletes an opportunity to participate in a competitive varsity sports program.

Physics

PHY 1105 **Conceptual Physics with Lab: GT-SC1**

4.0 Credits

Focuses on mechanics, heat, properties of matter, electricity and magnetism, and light. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 1111 **Physics: Algebra-Based I with Lab: GT-SC1**

13.0 Credits

Covers the physics of mechanics and requires application of classical physics to both mathematical and conceptual problems. Major topics include kinematics in one and two dimensions, Newton's Laws, circular motion, work and energy, impulse and momentum, and rotational mechanics. This course may also include topics relating to simple harmonic motion and traveling and standing waves. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 1112 **Physics: Algebra-Based II with Lab: GT-SC1**

5.0 Credits

Covers the physics of electricity and magnetism and requires application of classical physics to both mathematical and conceptual problems. DC circuits involving resistors, capacitors, and batteries will be covered. Also covered are electromagnetic waves and geometric optics. This course may also include topics relating to simple harmonic motion, traveling and standing waves, and AC circuits. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 2111 Physics: Calculus-Based I with Lab: GT-SC1

12.0 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.

PHY 2112 Physics: Calculus-Based II with Lab: GT-SC1

10.0 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.

PHY 2113 Physics III: Calculus-Based Modern Physics

3.0 Credits

Expands upon PHY 2112 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.

Political Science

PSC 1011 American Government: GT-SS1

3.0 Credits

Explores the origins, development, structure, and functions of the American Constitution and national government. This course examines federalism, civil liberties, civil rights, electoral processes, and mechanisms of civic participation and influence. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

PSC 1025 American Government: GT-SS1

3.0 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.

PSC 2005 International Relations: GT-SS1

3.0 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.

PSC 2020 Introduction to Political Science: GT-SS1

3.0 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.

Psychology

PSY 1001 General Psychology I: GT-SS3

3.0 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.

PSY 1002 General Psychology II: GT-SS3

3.0 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.

PSY 2107 Human Sexuality: GT-SS3

3.0 Credits

Surveys physiological, psychological, and psychosocial aspects of human sexuality. Topics include relationships, sexual identity, and sexual health. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2221 Social Psychology: GT-SS3

3.0 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.

PSY 2222 Psychology of Death and Dying: GT-SS3

3.0 Credits

Examines philosophies of life and death emphasizing dying, death, mourning, and the consideration of one's own death. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2331 Positive Psychology: GT-SS3

3.0 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.

PSY 2333 Health Psychology: GT-SS3

3.0 Credits

Focuses on an overview of the scientific study of attitudes, behaviors, and personality variables related to health, illness, and bodily systems. The course emphasizes the interaction of biological, psychological, and social factors that cause illness and influence its treatment and prevention. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2440 Human Growth and Development: GT-SS3

3.0 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.

PSY 2441 Child Development: GT-SS3

3.0 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.

PSY 2552 Abnormal Psychology: GT-SS3

3.0 Credits

Examines abnormal behavior and its classification, causes, treatment, and prevention. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Range Management

RAM 2005 Range Management

3.0 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.

Recreation

REC 1020 Intro to Sport Management

3.0 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.

REC 2010 Principles of Outdoor Recreation

3.0 Credits

Includes lecture and practical outdoor experience relating to problems and trends in outdoor recreation.

REC 2020 Social Recreation and Leadership

3.0 Credits

Enables the student to study effective leadership methods and techniques used in social recreation programming. Students experience actual settings of appropriate activities in community organizations with different age groups.

REC 2021 Recreational Skills

14. Credits

Focuses on skills necessary to organize effectively and conduct various recreation activities for the recreation major. Covers sports and games, community centers, fine arts, and playground skills.

Sociology

SOC 1001 Introduction to Sociology I: GT-SS3

3.0 Credits

Examines the basic concepts, theories, and principles of sociology as well as human culture, social groups, and the social issues of age, gender, class, and race. This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

SOC 2018 Sociology of Diversity: GT-SS3

3.0 Credits

Explores the variety of intergroup relations regarding race, nationality, ethnicity, gender, sexual orientation, and other diversity issues. Patterns of prejudice, discrimination and possible solutions to these issues will be addressed. This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

Science

SCI 1055 Integrated Science I - Physics and Chemistry with Lab: GT-SC1

4.0 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.

SCI 1056 Integrated Science II - Earth and Life Science

3.0 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.

Spanish

SPA 1012 Spanish Language II

5.0 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.

SPA 2011 Spanish Language III: GT-AH4

3.0 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.

SPA 2012 Spanish Language IV: GT-AH4

3.0 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.

Theater

THE 1004 Basic Costume and Apparel Construction

3.0 Credits

Provides students with training in cutting and sewing techniques, as well as knowledge of fabric types, qualities, uses, and cleaning.

THE 1005 Theatre Appreciation: GT-AH1

3.0 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.

THE 1008 Theatre Script Analysis: GT-AH1

3.0 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.

THE 1011 Acting I

3.0 Credits

Covers basic acting techniques and approaches including scene study, improvisation, and script analysis. It includes practical application through classroom performance.

THE 1016 Technical Theatre

3.0 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. 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.

THE 1029 Introduction to the Entertainment Industry

3.0 Credits

Teaches the student an overview of what the Entertainment Industry is and what skill sets are required to enter this field.

THE 1031 Theatre Production I

3.0 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.

THE 1032 Theatre Production II

3.0 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.

THE 1052 Production Stage Management I

3.0 Credits

Focuses on the basics of stage management, including making a stage manager's book, organizational methods and protocols of production, calling cues in production and personnel relationships and responsibilities.

THE 2000 Paint/Draw/Rende/Model Techs

3.0 Credits

Lecture/ Introduces art techniques that are needed specifically in Theatrical Design. Techniques will include painting, rendering of scenic, lighting, costume designs, and model construction techniques.

THE 2011 Development of Theatre Greek-THE 2011 Renaissance: GT-AH1

3.0 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

THE 2012 Development of Theatre Restoration to Modern: GT-AH1

3.0 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.

THE 2015 Playwriting: GT-AH1

3.0 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.

THE 2016 Theatre Lighting and Design

3.0 Credits

Focuses on the theory and practice of stage lighting. Topics include basic electrical theory, color theories, rigging and design of lighting for the performing arts.

THE 2021 Set Design for Film and Theatre

3.0 Credits

Emphasizes two- and three-dimensional drawing and designs and color theory. Students construct 3-D models and a theatrical stage set.

THE 2031 Theatre Production III

3.0 Credits

Studio Art Credit: 3 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.

THE 2041 Stage Properties

3.0 Credits

Lecture/ Offers the fundamentals of set dressing/stage properties theory and practice, including plot design, period style, set props, hand props, production paperwork and scene changes.

THE 2050 Practical Theatre Technologies

3.0 Credits

Trains students in basic applications utilizing specific technologies used in modern theatrical production. The course emphasizes working with electricity and electronics (including basic soldering), basic computer- aided design, basic computer networking for sound and lighting, and troubleshooting concepts applied to contemporary theatre technologies.

THE 2062 Production Stage Management

3.0 Credits

Examines the practical and creative side of Production Stage Management from a participatory stance by serving as the Production Stage Manager for a current PPCC production. Participation in this course is subject to an interviewing process with the Show's Director/Producer and is limited to just one student per semester. Interviews will start as much as three months before the semester of enrollment and may last through the first week of the semester of enrollment. This course is a continuation of THE 261.

Unmanned Aircraft Systems

UAS 1050 Unmanned Aircraft Systems and Safety: UAS Foundations

3.0 Credits

Provides an understanding of the capabilities and limitations of Unmanned Aircraft Systems (UAS) technologies to including the hardware and software configurations and gain a holistic view of concerns facing UAS integration into the National Airspace System.

UAS 1051 Unmanned Aircraft Systems and Safety: UAS Applications

3.0 Credits

Provides an understanding of how Unmanned Aircraft Systems (UAS) are used to accomplish a variety of tasks in complex environments and how remote pilots apply UAS technology for commercial, scientific, and governmental purposes while respecting both physical and regulatory limitations. The course provides a foundation of professionalism and ethics applicable to remote pilots.

UAS 1052 Unmanned Aircraft Systems and Safety: UAS Personnel

3.0 Credits

Provides an understanding of limits and skills employed by remote pilots in identifying and mitigating errors. Human error and skills used to detect and stop errors during the day-to-day execution of remote pilot tasks are addressed. This course surveys the concepts of decision-making bias, stress, and methods for safely identifying and mitigating risk while making decisions.

UAS 1053 Unmanned Aircraft Systems and Safety: Safety Management

3.0 Credits

Introduces Unmanned Aircraft Systems (UAS) pilots to a management system and culture that is fundamental to the aviation industry. The four pillars of safety management will be presented: safety policy, risk management, safety assurance, and safety promotion. This course will address the process of incorporating these principles into UAS operations. 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.

Welding

WEL 1002 Oxy-fuel Joining Processes

4.0 Credits

Covers Oxy-fuel joining operations.

WEL 1013 Oxyfuel and Plasma Cutting

2.0 Credits

Outlines the skills needed to set up equipment and perform cutting and gouging operations utilizing the oxyacetylene and plasma arc cutting processes.

WEL 1021 Structural Welding I

3.0 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 Structural Welding II

3.0 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 Gas Tungsten Arc Welding I

4.0 Credits

Covers Gas Tungsten Arc Welding (GTAW) operations in various positions and joint designs.

WEL 1025 Introduction to Gas Metal Arc Welding

4.0 Credits

Covers welding in all positions and on various joint configurations using the GMAW (mig) welding process on carbon steel, stainless steel and aluminum. Student should be familiar with basic metallurgy pertaining to the weldability of metals, structural joints, and safety in the welding industry.

WEL 1035 TIG Welding for Gunsmiths

2.0 Credits

Introduces the gunsmithing student to basic TIG welding practices.

WEL 2003 Flux Cored Arc Welding I

4.0 Credits

Covers Flux Cored Arc Welding (FCAW-S) operations utilizing self-shielded wire in various positions and joint designs.

WEL 2024 Gas Tungsten Arc Welding II

4.0 Credits

Covers Gas Tungsten Arc Welding (GTAW) operations utilizing a variety of base metals and advanced joint designs.

WEL 2030 Pipe Welding I

4.0 Credits

Covers pipe welding operations utilizing the Shielded Metal Arc Welding (SMAW) process in a variety of positions on carbon steel.

WEL 2031 Pipe Welding II

4.0 Credits

Covers pipe welding operations utilizing various processes and positions.

Course Descriptions

The credit courses offered by the College are listed in alphabetical order by discipline/program area. A general description of the content of each course is included. Special Topics are courses that are numbered 075-077, 175-177, and 275-277 and the credits will vary depending on course content. The description and outline is approved by the Dean and filed with the Registrar.

In December 2005, the Colorado Commission on Higher Education established a statewide transfer policy for general education course credits. This policy is also known as GT- Pathways, and more information can be found on the [Colorado Department of Education website](#). and [https:// highered.colorado.gov/transfer-degrees](https://higherred.colorado.gov/transfer-degrees). Although Trinidad State Junior College does not offer all of the courses listed, if you are transferring any of these courses to Trinidad State from an accredited post-secondary institution, these courses will be accepted at Trinidad State Junior College.

Accounting

ACC 1001 Fundamentals of Accounting

3.0 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.

ACC 1011 Introduction to Financial Accounting

3.0 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.

ACC 1012 Introduction to Managerial Accounting

3.0 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.

ACC 1015 Payroll Accounting

5.0 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.

ACC 1021 Accounting Principles I

6.0 Credits

This course introduces accounting principles for understanding the theory and logic that underlie procedures and practices for business organizations. Major topics include the accounting cycle for service and merchandising companies, internal control principles and practices, notes and interest, inventory systems and costing, and plant and intangible asset accounting.

ACC 1022 Accounting Principles II

4.0 Credits

This course continues the application of accounting principles to business organizations. Major topics include corporate equity and debt financing, investments, cash flow statements, financial analysis, budgeting, cost and managerial accounting.

ACC 1032 Tax Help Colorado

13.0 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.

ACC 1035 Spreadsheet Applications for Accounting

14.0 Credits

Introduces spreadsheets as an accounting tool in the application of fundamental accounting concepts, problem-solving, and decision-making skills.

ACC 2011 Intermediate Accounting I

15.0 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.

ACC 2012 Intermediate Accounting II

4.0 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.

ACC 2026 Cost Accounting

3.0 Credits

Course covers cost accumulation methods and reports including job order, process, standards, and activity-based cost systems associated with budgeting, planning, and control of costs.

ACC 2045 Computerized Accounting with a Professional Package

3.0 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.

Advancing Academic Achievement**AAA 1075 Special Topics**

0.0 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.

Agriculture**AGR 2160 World Population and Food: SS3**

10.0 Credits

Covers concepts and issues related to world population, food, and agriculture. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Agriculture Crops & Soils**AGY 1100 General Crop Production**

11.0 Credits

Focuses on production and adaptation of cultivated crops, principles affecting growth, development, management, and utilization.

AGY 2140 Introductory Soil Science: GT-SC1

4.0 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.

Agriculture Economics**AGE 1102 Agriculture Economics:GT-SS1**

3.0 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.

AGE 2105 Farm and Ranch Management

3.0 Credits

Provide students with practical experience in applying principles of economics, business, marketing, and finance to the management of a farm/ ranch operation.

AGE 2108 Agricultural Finance

3.0 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.

AGE 2110 Agriculture Marketing

3.0 Credits

Studies the agricultural marketing system and methods of marketing crops and livestock. Emphasizes hedging with futures options.

Agriculture Production

AGP 1007 Practical Irrigation Management

12.0 Credits

Introduces the student to irrigation methods, scheduling, limited irrigation concepts, hydrology, safety, water quality, chemigation, and interrelationships between irrigation, soil fertility, and crops. A limited amount of water law is also covered.

Animal Science

ASC 1100 Animal Sciences

3.0 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.

ASC 2125 Feeds and feeding

4.0 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.

ASC 2150 Live Animal/Carcass Evaluation

3.0 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.

ASC 2188 Livestock Practicum

0.0 Credits

Provides experiential learning with beef cattle, dairy cattle, swine and sheep.

Anthropology

ANT 1001 Cultural Anthropology: GT-SS3

3.0 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.

ANT 1003 Intro to Archaeology: GT-SS3

8.0 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.

ANT 1005 Biological Anthropology with Laboratory: GT:SC1

9.0 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.

ANT 2125 Anthropology of Religion GT:SS3

3.0 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.

Art

ART 1002 Visual Concepts 2-D Design

3.0 Credits

Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two-dimensional media.

ART 1003 3-D Design

3.0 Credits

Introduces the fundamentals of three-dimensional design, form, and space. The course applies the elements and principles of design to three-dimensional problems.

ART 1110 Art Appreciation GT-AH1

3.0 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.

ART 1111 Art History Ancient to Medieval: GT-AH1

3.0 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.

ART 1112 Art History Renaissance to 1900: GT-AH1

3.0 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.

ART 1113 Art History 1900 to Present: GT-AH1

3.0 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.3.0 Credits
Investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 1201 Drawing I

3.0 Credits

Investigates the various approaches and media that students need to develop drawing skills and visual perception.

ART 1202 Drawing II

3.0 Credits

Explores expressive drawing techniques with an emphasis on formal composition, black and white, and color media and content or thematic development.

ART 1203 Figure Drawing I

3.0 Credits

Introduces the basic techniques of drawing the human figure. Auto Service Technology

ART 1301 Painting I

3.0 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.

ART 1302 Painting II

3.0 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.

ART 1401 Digital Photography I

3.0 Credits

Presents the fundamentals of Fine Art digital photography, including camera equipment and software used for image capture, management and manipulation. Topics include camera settings and exposure control, composition, working with light and time, and creative image manipulation.

ART 1405 Mixed Media I: Digital Art

3.0 Credits

Introduces students to the design and creation of fine-art composites that involve the combinations of techniques, texture, drawing, painting, photography, and objects, and emphasizes the computer as an art tool. In addition to incorporating technology-based vocabulary as it relates to fine-art technique, vector and raster applications are explored for the creation of montage and collage. No computer experience is necessary.

ART 2403 Digital Photo Studio

3.0 Credits

Introduces the basic concepts of digital imaging as applied to photography. Using applicable technology and hands-on experience, modern developments are presented leading to the present applications of digital imaging which combine traditional photographic ideas with electronic media. Enables the student to learn how to operate image manipulation software using a variety of scanning equipment, software tools, and output devices by executing new assignments and applying these technologies to their photographic process.

Astronomy

AST 1110 Astronomy with Lab: Planetary Systems: GT- SC1

4.0 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.

AST 1120 Astronomy with Lab: Stars and Galaxies: GT- SC1

4.0 Credits

Emphasizes the structure and life cycle of the stars, the sun, galaxies, and the universe as a whole, including cosmology and relativity. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT- SC1 category.

Auto Service Technology

ASE 1001 Auto Shop Orientation

2.0 Credits

Covers safety instruction in the shop and on the automobile. Emphasis on the proper use and care of test equipment, precision measuring and machining equipment, gaskets, adhesives, tubing, wiring, jacks, presses, and cleaning equipment and techniques.

ASE 1002 Introduction to the Automotive Shop

2.0 Credits

Prepares the incoming automotive student to work in the shop safely and gain familiarity with the shop and common equipment.

ASE 1010 Automotive Brake Service I

2.0 Credits

Introduces the basic theory of automotive braking systems including operation, diagnosis, basic repair of disc and drum friction assemblies, and basic hydraulic braking systems. This course meets MLR/AST/MAST program accreditation requirements.

ASE 1011 Automotive Brake Service II

2.0 Credits

Covers diagnostics, test procedures, and repair to automotive foundation braking system. This course also introduces the components, types of Antilock Braking Systems (ABS), and traction control systems of current vehicles. This course meets MLR/AST/MAST program accreditation requirements.

ASE 1020 Basic Automotive Electricity

2.0 Credits

Introduces vehicle electricity, basic electrical theory, circuit designs, and wiring methods. This course focuses on multimeter usage and wiring diagrams. This course meets MLR/AST/MAST requirements.

ASE 1022 Automotive Electrical Safety Systems

12.0 Credit

Covers the operation of electrical systems including vehicles safety concerns of vehicle lighting systems, Supplemental Inflatable Restraints (SIR), windshield wipers, driver warning systems, and vehicle accessories. This course meets MLR/AST/MAST program requirements.

ASE 1023 Starting and Charging System

13.0 Credits

Covers the operation and theory of a vehicle battery, testing, service, and repair of starting and charging systems including voltage testing, draw testing. This course meets MLR/AST/MAST program requirements.

ASE 1030 General Engine Diagnosis

2.0 Credits

Covers how to perform basic engine diagnosis to determine condition of engine including engine support systems. This course meets MLR/AST/MAST requirements.

ASE 1032 Ignition System Diagnosis and Repair

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis, service, adjustments and repair of various automotive ignition systems.

ASE 1034 Automotive Fuel and Emissions Systems I

2.0 Credits

Focuses on the diagnosis and repair of automotive fuel emission control systems, filter systems, and spark plugs. This course also includes maintenance to Diesel Exhaust Fluid (DEF) systems.

ASE 1040 Suspension and Steering I

2.0 Credits

Focuses on diagnosis and service of suspension and steering systems and components. This course meets MLR/AST/MAST requirements.

ASE 1041 Suspension and Steering II

2.0 Credits

Covers design, diagnosis, inspection, service of suspension, and steering systems used on light trucks and automobiles including power steering and Supplemental Restraint System (SRS) service. This course meets AST/MAST requirements.

ASE 1050 Manual Drive Train and Axle Maintenance

2.0 Credits

Covers the operating principles and repair procedures relating to axle-shafts, propeller shafts, and universal joints. This course meets MLR/AST/MAST requirements.

**ASE 1051 Automotive Manual Transmission/
Transaxles & Clutches I**

2.0 Credits

Focuses on the diagnosis and repair of automotive manual transmissions, transaxles, clutches, and related components. This course meets AST/MAST requirements.

**ASE 1052 Manual Transmission, Transaxles and
Clutches II**

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of automotive differentials, four wheel and all-wheel drive units.

ASE 1060 Automotive Engine Repair

2.0 Credits

Focuses on the service of cylinder head, valve-train components, and cooling system components including engine removal, re-installation, and re-mounting systems. This course meets MLR/AST/MAST requirements.

ASE 1062 Automotive Engine Service & Repair

2.0 Credits

Covers engine sealing requirements and repair procedures including engine fasteners, bolt torque, repair of fasteners, cooling system, and basic engine maintenance. This course meets AST/MAST requirements.

ASE 2010 Automotive Power and ABS Brake Systems

2.0 Credits

Covers the operation and theory of the modern automotive braking systems including the operation, diagnosis, service, and repair of the anti-lock braking systems and power assist units. This course also covers the machining operations of today's automobile brake systems. This course meets AST/ MAST requirements.

ASE 2021 Automotive and Diesel Body Electrical

4.0 Credits

Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories.

ASE 2031 Automotive Computers and Ignition Systems

2.0 Credits

Focuses on lecture and laboratory experiences in the inspection and testing of typical computerized engine control systems.

ASE 2033 Auto Fuel Injection and Emissions Systems II

4.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and repair of electronic fuel injection systems and modern exhaust systems.

ASE 2035 Driveability & Diagnosis

2.0 Credits

Focuses on diagnostic techniques and the use of diagnostic scan tools, oscilloscopes, lab scopes, multi-meters, and gas analyzers.

ASE 2040 Suspension and Steering III

2.0 Credits

Covers operation of steering and power steering systems. It will also include different alignment types and procedures.

ASE 2050 Automatic Transmission/Transaxle Service

1.0 Credit

Focuses on practical methods of maintaining, servicing, and performing minor adjustments on an automatic transmission and transaxle. This course meets MLR/AST/MAST requirements.

ASE 2051 Automotive Transmission and Transaxle Repair

14.0 Credits

Covers diagnosis, principles of hydraulics, principles of electronic components, power flow, theory of operation including removal, installation, and replacement of transmission/transaxle and components. This course meets AST/MAST requirements.

ASE 2060 Advanced Engine Diagnosis

2.0 Credits

Focuses on lecture and related laboratory experiences in the diagnosis and necessary corrective actions of automotive engine performance factors related to customer vehicles.

ASE 2064 Introduction to Automotive Heating and Air Conditioning

1.0 Credit

Covers basic operation of heating and air conditioning components. This course meets MLR/AST/MAST requirements.

ASE 2065 Heating and Air Conditioning Systems

15.0 Credits

Emphasizes lecture and related laboratory experiences in the diagnosis and service of vehicle heating and air conditioning

systems and their components.

ASE 2087 Cooperative Education

0.0 Credits

Develops practical objectives assigned by an automotive employer providing an on-the-job learning experience at an approved automotive repair facility.

Barber

BAR 1007 Introduction to Shaving, Honing & Stropping

1.0 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 Intermediate Shaving, Honing & Stropping

1.0 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 1041 Inermediate Permanent Waves & Chemical Relaxers

3.0 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 2007 Advanced Shaving, Honing & Stropping

12.0 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 2041 Advanced Permanent Waves & Chemical Relaxers

13.0 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.

Biology

BIO 1004 Biology:A Human Approach:GT-SC1

4.0 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.

BIO 1005 Science of Biology with Lab: GT-SC1

4.0 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.

BIO 1006 Basic Anatomy and Physiology

4.0 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.

BIO 1052 Wildlife Biology

14.0 Credits

Studies the biology of wild mammals, birds, and fish. Focuses on conservation of wildlife and fisheries resources.

BIO 1111 General College Biology I with Lab: GT-SC1

5.0 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.

BIO 1112 General College Biology II with Lab: GT-SC1

7.0 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.

BIO 2101 Human Anatomy and Physiology I with Lab: GT-SC1

15.0 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.

BIO 2102 Human Anatomy and Physiology II with Lab: GT-SC1

8.0 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.

BIO 2104 Microbiology with Lab: GT-SC1

4.0 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.

BIO 2116 Human Pathophysiology

4.0 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.

BIO 2120 General Zoology with Lab: GT-SC1

13.0 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.

BIO 2121 Botany with Lab: GT-SC1

10.0 Credits

Covers plants, emphasizing photosynthetic pathways, form and function, reproduction, physiology, diversity, and evolution. This course requires mandatory hands-on laboratory and research experience and is designed for biology majors. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Business**BUS 1002 Entrepreneurial Operations**

3.0 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.

BUS 1015 Introduction to Business

3.0 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.

BUS 1016 Personal Finance

3.0 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.

BUS 1020 Introduction to E-Commerce

3.0 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 1021 Basic Workplace Skills

1.0 Credit

Focuses on personal and workplace skills necessary for successful performance. This course introduces project management principles necessary to effectively lead and implement a project.

BUS 2016 Legal Environment of Business

3.0 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.

BUS 2017 Business Communications & Report Writing

3.0 Credits

Emphasizes effective business writing and cover letters, memoranda, reports, application letters, and resumes. This course includes the fundamentals of business communication and an introduction to international communication.

BUS 2026 Business Statistics

3.0 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.

BUS 2075 Special Topics

0.0 Credits

Provides students with a vehicle to pursue special topics of interest in business. The content of this course is designed on an as needed basis to provide current, up-to-date information.

BUS 2089 Capstone

5.0 Credits

Demonstrates the culmination of learning within a given program of study.

BUS 3020 Business Law and Ethics

3.0 Credits

Emphasizes the social, legal, political, and ethical responsibilities of businesses to external and internal stakeholders. This course explores various topics including corporate social responsibility, state and federal laws, contracts, intellectual property regulations, employment law, product liability, safety practices, and environmental regulations.

BUS 3040 Business Ethics and Sustainability

3.0 Credits

Explores sustainability theories, business ethics, and societal responsibilities that go beyond their economic responsibilities. This course emphasizes the complex business environments and social expectations of corporations and emerging governance structures, management systems, and innovative business models.

BUS 3060 Management Technology and Information Systems Processes

3.0 Credits

Explores information systems in decision-making and meeting operational and strategic goals. This course explores the use of hardware and software in business, as well as database management systems (DBMS) and network information system fundamentals. This course will apply advanced theories of information systems and customer relationship management.

BUS 4010 Applied Business Research and Data Analytics

3.0 Credits

Presents fundamental techniques to create business research design models and business data analytics for decision-making. This course integrates the principles of research methodologies, data collection, and applied statistical analytic techniques for making practical data-based business decisions.

BUS 4081 Internship

0-12 Credits

Provides students with a vehicle to pursue an internship experience. Course description and requirements are determined by the individual instructor and documented within the course syllabus. Reserved for students in BAS degree program.

BUS 4089 Capstone

0-12 Credits

To be determined by the individual instructor. A Course Description will be developed for each course and documented within the course syllabus. Reserved for students in BAS degree program.

Business Technology

BTE 1002 Keyboarding Applications I

2.0 Credits

Designed for students with minimal keyboarding skills. Introduces letters, tables, memos, and manuscripts. Emphasizes speed and accuracy.

BTE 1008 Ten-Key by Touch

1.0 Credit

Introduces touch control of the ten-key pad. Emphasizes the development of speed and accuracy using proper technique.

BTE 2025 Office Management

3.0 Credits

Emphasis is placed on functions of the office. Includes office organization, work in the office, office layout, equipment and supplies, procurement and control, work flow, forms design, record storage and retrieval systems, personnel administration and problems, and government control.

Carpentry

CAR 1000 Introduction to Carpentry

6.0 Credit

Provides a basic introduction to construction work for all crafts. This course specifically applies to construction sites.

CAR 1003 Carpentry Basics

4.0 Credits

Provides a basic introduction to construction work for all crafts, safety concerns and procedures, and the safety and use of hand and power tools. This course specifically applies to construction work.

CAR 1005 Job Site Layout and Blueprint Reading

1.0 Credit

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

1.0 Credit

Covers materials and methods for concrete forms and foundations. Includes various reinforcement methods such as re-bar and welded-wire fabric.

CAR 1020 General Construction Framing

1.0 Credit

Instructs students in basic framing methods and materials utilizing a hands- on framing lab. Covers floor, wall, and roof framing.

CAR 1070 Clinical: Construction Lab I

0.0 Credits

Continues to build upon the principles that are expected to be understood by students in the construction discipline.

Chemistry

CHE 1011 Introduction to Chemistry I with Lab: GT-SC1

9.0Credits

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.

CHE 1012 Introduction to Chemistry II with Lab: GT-SC1

16.0 Credits

Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, Intermolecular forces, 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.

CHE 1111 General College Chemistry I with Lab: GT-SC1

16.0 Credits

Focuses on basic chemistry and measurement, matter, chemical formulas, reactions, equations, stoichiometry, and thermochemistry. 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.

CHE 1112 General College Chemistry II with Lab: GT-SC1

7.0 Credits

Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, intermolecular forces, 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.

Communications

COM 1150 Public Speaking

3.0 Credits

Combines the basic theories of communication with public speech performance skills. Emphasis is on speech preparation, organization, support, audience analysis, and delivery.

COM 1250 Interpersonal Communication: GT-SS3

3.0 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.

COM 1300 Communication and Popular Culture: GT-AH1

3.0 Credits

Introduces four key theoretical models for examining popular culture: Narrative Theory, Rhetorical Theory, Gender Theory, and Critical Race Theory. Emphasis is on popular American media texts, including books, comics/graphic novels, films, music, and television. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

COM 2063 Conflict Resolution

1.0 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.

COM 2200 Find Your Creative Self

3.0 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.

COM 2250 Organizational Communication

3.0 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.

COM 2300 Intercultural Communication: GT-SS3

3.0 Credits

Explores the link between culture and communication and will develop and/or enhance communication skills and the abilities appropriate to a multicultural society. Emphasis will be on understanding diversity within and across cultures. Relevant concepts include perception, worldview, context, ethics, language, and nonverbal communication. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Computer & Networking Tech

CIS 2040 Database Design and Development

3.0 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.

CIS 2067 Management of Information Systems

3.0 Credits

Teaches students the basics of network firewall security. It covers basic installation techniques, discusses how to make an intelligent choice of firewall technology, and presents basic firewall troubleshooting.

CNG 1001 Networking Fundamentals

3.0 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).

CNG 1004 Intro to TCP/IP

3.0 Credits

Covers the basic elements of the Transmission Control Protocol and the Internet Protocol, the basic technologies that implement the Internet and computer networking. In addition to TCP and IP the course covers networking media, link layer, network layer, and transport layer protocols. Also included are routing, broadcast, multicast, and network address translation. IP version 4 and IP version 6 are both covered.

CNG 1020 A+ Certification Preparation

3.0 Credits

Prepares students for the CompTIA A+ certification examination. PC hardware and operating system installation, configuration and troubleshooting are practiced and reviewed using A+ techniques.

CNG 1024 Networking I: Network +

3.0 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.

CNG 1031 Principles of Information Assurance

3.0 Credits

Provides skills and knowledge required to survey key issues associated with protecting information assets, determine the levels of protection and response to security incidents, and design a consistent, reasonable information security system, with appropriate intrusion detection and reporting features. Students learn to inspect and protect information assets, detect and react to threats to information assets, and examine pre- and post- incident procedures, and technical and managerial responses. Students learn about information security planning and staffing functions.

CNG 1032 Network Security Fundamentals

3.0 Credits

Delivers a comprehensive overview of network security, including general security concepts. Communication Security is studied, including remote access, e-mail, the Web, directory and file transfer, and wireless data. Common network attacks are

introduced. Cryptography basics are incorporated, and operational/organizational security is discussed as it relates to physical security, disaster recovery, and business continuity. Computer forensics is introduced.

**CNG 1033 Network Security: Fire Walls and Intrusion
Detection and Network Security**

15.0 Credits

Teaches students the basics of network firewall security. It covers basic installation techniques, discusses how to make an intelligent choice of firewall technology, and presents basic firewall troubleshooting.

CNG 1036 Guide to IT Disaster Recovery

3.0 Credits

Presents methods to identify technology and communication infrastructure vulnerabilities and appropriate countermeasures to prevent and mitigate failure risks for an organization. The course will take an enterprise-wide approach to developing a disaster recovery plan.

CNG 1042 Introduction to Cloud Computing Concepts

3.0 Credits

Introduces fundamental content on cloud computing including system analysis, requirements, configuration, deployment, and testing. This course includes information on management, business continuity, security, maintenance, updating, and troubleshooting as related to cloud computing.

CNG 2011 Windows Configuration: (OS)

3.0 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.

CNG 2012 Configuring Windows Server

4.0 Credits

Provides students with the knowledge and skills that are required to install and configure a Microsoft Windows Server. This course helps prepare students for a MTA (Microsoft Technology Associate) and/or MCSA (Microsoft Certified Solutions Associate) exams.

CNG 2024 M/S Windows Wireless Network

3.0 Credits

Provides the student with the Microsoft official curriculum from the Microsoft Regional Academy. Offers detailed instruction on the foundation concepts and technologies of wireless data networking. Upon completion of this course, students are prepared to take the Certified Wireless Network Administrator (CWNP) Certification Exam.

CNG 2040 Virtual Environment Admin

3.0 Credits

Build and administer a hypervisor environment. Includes building of virtual machine (VM) infrastructure and skills such as patching, backing up and securing of both hypervisor and virtual machines.

CNG 2042 Cloud Computing

3.0 Credits

Installs, configures and manages a cloud environment. Builds on knowledge of hypervisor and virtual machine environments.

CNG 2056 Vulnerability Assessment Level 1

11.0 Credits

Presents students with an introduction to vulnerability assessment. Vulnerability assessment skills are necessary to understand how companies address vulnerabilities in the business environment. Students gain a better understanding of how information technology security integrates into the corporate world and how a balance must be achieved between security and

functionality.

CNG 2058 Digital Forensics

12.0 Credits

Exposes the student to the field of digital computer forensics and investigation. This class provides the student with methods to properly conduct a digital forensics investigation including a discussion of ethics. Topics covered include fundamental concepts, history of computer forensics, file structures, data recovery techniques, computer forensic tools and analyses.

CNG 2059 Enterprise Security

4.0 Credits

This course challenges students to combine the skills learned in previous coursework (or work experience) and apply them in whole to a mock business IT environment. Students will work in their own virtualized server environment, complete with servers, routers, firewalls, VPN, IDS/IPS, wireless and other current technologies to develop a security policy and framework using risk analysis and risk management techniques.

Computer Information System

CIS 1015 Introduction to Computer Information Systems

3.0 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.

CIS 1017 Introduction to Technical Applications

16.0 Credits

Provides a basic introduction of standard software packages available to support a microcomputer-based workstation. Includes entry-level hands-on work with word processors, spreadsheets, electronic presentations and basic Internet functionality to support the technical environment.

CIS 1018 Intro to PC Applications

17.0 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.

CIS 1035 Complete Word Processing (software package)

3.0 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.

CIS 1045 Introduction to Desktop Database

3.0 Credits

Explores an array of database skills. Includes table, query, form, and report creation and modification. Also includes application integration.

CIS 1055 Complete Spreadsheets: (Software package)

3.0 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.

CIS 1059 **Microsoft Office Specialist Certification
Prep:Excel**

1.0 Credit

Prepares students for the Microsoft Office Specialist certification examination for Excel. Students use software to determine strengths and weaknesses and elect to review and prepare for either the Core or Expert level Certification exam. The MOUS test is not included in this course. 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.

CIS 2023 **Linux**

3.0 Credits

Introduces students to the concepts of installing, configuring, and managing the Linux operating system. Topics covered include working with various desktops, use of filesystem commands, and management of user and group permissions.

CIS 2046 **Oracle Database Admin I**

4.0 Credits

Provides a foundation in basic Oracle architecture, storage structure and database administrative tasks. Emphasizes the knowledge and skills to create databases and data dictionary views, and to manage Oracle instances, tables, tablespaces, data files, control files, redo log files and rollback segments.

CIS 2068 **Systems Analysis and Design I**

3.0 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.

Computer Science

CSC 1005 **Computer Literacy**

3.0 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.

CSC 1019 **Introduction to Programming:
(Programming Language)**

Focuses on a general introduction to computer programming. This course emphasizes the design and implementation of structured and logically correct programs with good documentation. It is centered on basic programming concepts, including control structures, modularization, and data processing. A structured programming language is used to implement program designs. It emphasizes the writing of multiple programs following the software development process, from start to finish, including design, implementation, and testing.

CSC 1020 **Problem Solving with (software package)**

3.0 Credits

Provides an introductory-level course in computer programming using a high-level programming language. The course will cover the design and development of simple software applications. Topics covered will include design of software from initial phase through the coding phase, input and output of data, functions or methods, control structures, arrays and error handling.

CSC 1060 **Computer Science I: (Language)**

15.0 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.

CSC 1061 Computer Science II: (Language)

14.0 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.

CSC 1094 Service Learning

0.0 Credits

Allows the student to provide a service to the community utilizing knowledge and skills acquired from a course in which the student is currently enrolled or has previously taken at the student's respective college.

CSC 2030 C Programming: Platform

3.0 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).

CSC 2040 Java Programming

3.0 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.

Construction Technology

CON 1005 Construction Technology

4.0 Credits

Explores a variety of new software applications now available for the construction trade. Introduces computer applications such as CAD, scheduling, estimating, and accounting programs. Explores technology choices and compares them.

CON 1057 National Center for Construction Education & Research Core

18.0 Credits

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.

Cosmetology

COS 1003 Introduction to Hair and Scalp

16.0 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.

COS 1010 Introduction to Haircoloring

17.0 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.

COS 1011 Intermediate I: Haircoloring

2.0 Credits

Expands on haircoloring 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.

COS 1020 Introduction to Haircutting

2.0 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.

COS 1021 Intermediate I: Haircutting

2.0 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.

COS 1030 Introduction to Hairstyling

2.0 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.

COS 1031 Intermediate I: Hairstyling

2.0 Credits

This course covers the accepted methods of styling hair, air forming, roller sets, finger waves, pin curls, braiding, and hair pressing.

COS 1040 Introduction to Chemical Texture

1.0 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.

COS 1041 Intermediate I: Chemical Texture

1.0 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.

COS 1050 Laws, Rules, and Regulations

15.0 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.

COS 1060 Introduction to Infection Control and Prevention

16.0 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.

COS 1061 Intermediate I: Infection Control and Prevention

1.0 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.

COS 2003 Intermediate I: Hair and Scalp

14.0 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.

COS 2010 Intermediate II: Haircoloring

15.0 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.

COS 2011 Advanced Haircoloring

15.0 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.

COS 2020 Intermediate II: Haircutting

2.0 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.

COS 2021 Advanced Haircutting

2.0 Credits

This course covers advanced haircutting techniques utilizing multiple cutting tools and emphasizes current fashion trends and preparation for the Colorado State Licensure examination.

COS 2030 Intermediate II: Hairstyling

2.0 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.

COS 2031 Advanced Hairstyling

1.0 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.

COS 2040 Intermediate II: Chemical Texture

1.0 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.

COS 2041 Advanced Chemical Texture

1.0 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.

COS 2050 Business Management /Personal Skills/

Ethics

1.0 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.

COS 2060 Intermediate II: Infection Control and Prevention

2.0 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.

COS 2061 Advanced Infection Control and Prevention

1.0 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.

COS 2062 Advanced II: Disinfection, Sanitation & Safety

18.0 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.

COS 2088 Practicum

0.0 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.

Criminal Justice

CRJ 1010 Introduction to Criminal Justice: GT-SS3

17.0 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.

CRJ 1025 Policing Systems

16.0 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.

CRJ 1027 Crime Scene Investigation

16.0 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.

CRJ 1035 Judicial Function

3.0 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

CRJ 1045 Correctional Process

3.0 Credits

Examines the history of corrections in America from law enforcement through the administration of justice, probation, prisons, correctional institutions, and parole. This course examines the theories, rationales for punishment, and the political system in which corrections, as a component part of the criminal justice system, needs to operate. The course emphasizes legal, sociological, psychological, and other interdisciplinary approaches that effect the operation of a correctional system.

CRJ 2005 Principles of Criminal Law

3.0 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.

CRJ 2010 Constitutional Law

3.0 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.

CRJ 2020 Human Relations and Social Conflict

3.0 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.

CRJ 2030 Criminology

3.0 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.

CRJ 2036 CRJ Research Methods

3.0 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.

CRJ 2057 Victimology

3.0 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.

Data Science

DAT 1001 Introduction to Data Science

3.0 Credits

Provides a foundational overview of data science and develops the knowledge required to make data-driven decisions to address real-world problems. The course introduces how to collect data from different sources, use of statistics to draw conclusions about a given data set, use of technology to visualize data and some of the challenges associated with storing, manipulating, analyzing and securing data. Computational tools are used as a component of the course.

DAT 2002 Visualizing Data

3.0 Credits

Focuses on the analysis and design of visual representations of statistical information. The analysis and evaluation of existing graphics are combined with principles from disciplines such as statistics, computer science, and graphic design to define the criteria for a quality visualization. Various software tools are used to develop static and interactive visualizations to identify patterns, convey messages, make decisions, and tell stories with data.

DAT 2025 Intro to Machine Learning

3.0 Credits

Provides the foundation for students to explore, practice, and apply mathematical concepts for pattern recognition, neural networks, and machine learning. The course covers algorithmic and mathematical methods that are required for machine learning techniques, as well as the theoretical relationships between these algorithms. Coding may be required as the course provides practice in translating the above mathematical concepts into computer programs.

Dental Assisting**DEA 1001 Dental Terminology**

3.0 Credits

Focuses on a general introduction to computer programming. This course emphasizes the design and implementation of structured and logically correct programs with good documentation. It is centered on basic programming concepts, including control structures, modularization, and data processing. A structured programming language is used to implement program designs. It emphasizes the writing of multiple programs following the software development process, from start to finish, including design, implementation, and testing. **DEA 1001 Dental Terminology**

1.0 Credit

Includes colloquial versus professional terminology, word elements and structure as they apply to dental terminology.

DEA 1011 Introduction to Dental Practices

1.0 Credit

Includes roles and responsibilities of the dental health team; educational background for the various specialties including general practitioner, hygienist, dental assistant; history, legal implications, ethical responsibilities and the role of professional organizations.

DEA 1015 Infection Control

3.0 Credits

Includes basic information concerning infection and disease transmission in the dental office. Emphasizes knowledge of microorganisms, with an emphasis on aseptic techniques, sterilization, and hazardous communication management.

DEA 1016 Medical Emergencies in the Dental Office

13.0 Credits

Includes techniques for taking and reading vital signs. Emphasizes recognition, prevention, and management of medical emergency situations in the dental office. Covers completing and updating patient health history. Addresses pharmacology.

DEA 1021 Principles of Clinical Practice

14.0 Credits

Includes techniques used in four handed dentistry, instrument identification, and armamentarium for tray set-ups. Covers sterilization and aseptic procedures.

DEA 1023 Dental Materials I

3.0 Credits

Includes fundamentals of dental materials as they apply to clinical and laboratory applications of cements, bases, liners, dental metals, resins, glass ionomers, ceramics and dental abrasives. **DEA 1024 Dental Radiography**

3.0 Credits

Focuses on the science of radiography, the application of radiographic techniques, and aseptic techniques.

DEA 1081 Dental Clinical Internship I

0.0 Credits

Provides an opportunity to perform clinical dental assisting skills in a dental office or clinical setting and work toward completing clinical hours required by the Commission on Dental Accreditation (CODA).

Early Childhood Education

ECE 1011 Introduction to Early Childhood Education

3.0 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.

ECE 1031 Guidance Strategies for Young Children

3.0 Credits

Provides an exploration of guidance theories, techniques, and practices used to address repeated patterns of child behavior that interferes with a young child's ability to learn and be engaged 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.

ECE 1045 Introduction to Early Childhood Education Techniques

3.0 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.

ECE 1111 Infant and Toddler Theory and Practice

3.0 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.

ECE 1125 Intro to Infant\Toddler Lab Techniques

3.0 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.

ECE 2051 ECE Nutrition, Health, and Safety

3.0 Credits

Focuses on nutrition, health, and safety as key factors for optimal growth and development of young children. This course includes nutrition knowledge, menu planning, food program participation, health practices, management and safety, appropriate activities, and communication with families for early childhood educators. This course addresses children ages birth through 12 years.

ECE 2088 Practicum: Early Childhood Education

0.0 Credits

Provides students with advanced field experience opportunities in early childhood education programs.

ECE 2089 Capstone: Early Childhood Education

0.0 Credits

Incorporates a demonstrated culmination of learning within a given program of study.

ECE 2101 Working with Families and Communities

3.0 Credits

Examines professional attitudes related to working with diverse families and how unconscious bias may affect family-professional partnerships in early care and education settings. This course covers theoretical perspectives of families and communities, communication strategies, and an exploration

of activities and resources to support family engagement in their children's education. Supporting equity and inclusion of all family cultures in early care and education settings for children ages birth through eight.

ECE 2381 ECE Child Growth and Development

3.0 Credits

Covers the growth and development of the child from conception through the elementary school years. This course emphasizes physical, cognitive, language, social, and emotional domains of development as they pertain to the concept of the whole child. It also includes ways adults can provide a supportive early childhood care and educational environment through teamwork and collaboration.

ECE 2401 Administration of Early Childhood Care and Education Programs

3.0 Credits

Provides foundational knowledge in early childhood program business operations, program development, and evaluation. This course covers administrative skills, ethical decision making, risk and resource management, and components of quality Early Childhood Education (ECE) programs serving children ages birth through 12 years.

ECE 2411 Administration: Human Relations for Early Childhood Education

3.0 Credits

Focuses on the human relations component of an early childhood professional's responsibilities. This course includes director-staff relationships, staff development, leadership strategies, family-professional partnerships, and community interaction.

ECE 2601 The Exceptional Child

3.0 Credits

Presents an overview of critical elements related to educating young children with disabilities or special needs in the early childhood setting. Topics include: typical and atypical development; legal requirements; research-based practices related to inclusion; teaming and collaboration; and accommodations and adaptations. This course examines how a disability or special need may impact a young child's learning process. This course addresses children ages birth through 8 years.

ECE 2621 ECE Curriculum Development: Methods and Techniques

3.0 Credits

Provides an overview of early childhood curriculum development. This course includes processes for planning and implementing developmentally appropriate environments, materials, and experiences that represent best practices in early childhood (EC) program settings. This course addresses children ages birth through 8 years.

ECE 2631 Language and Cognition for the Young Child

3.0 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 8.

ECE 2641 Creativity and the Young Child

3.0 Credits

Explores creative learning theories and evidence-based practices related to creative self-expression with young children. The course emphasizes the teacher's role in encouraging and supporting creativity and problem-solving skills. The course also addresses the use of developmentally appropriate curriculum planning to promote creative self-expression in all developmental domains for children ages birth through 8 years.

Economics

ECO 1001 Economics of Social Issues

3.0 Credits

Examines major contemporary socio-economic issues and policies such as drugs and crime, education, health care, poverty and inequality, and globalization. These issues will be explored using economic tools and methods. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

ECO 2001 Principles of Macroeconomics: GT-SS1

3.0 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.

ECO 2002 Principles of Microeconomics: GT-SS1

3.0 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.

ECO 2045 Environmental Economics: GT-SS1

3.0 Credits

Introduces contemporary environmental issues and policies meant to reduce environmental degradation. It introduces the concept of market failure due to pollution. The course covers government pollution reduction policies for air, water, and natural environments. It also covers analytical tools that are used to analyze the effectiveness of these policies. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

Education**EDU 1088 Practicum I**

0.0 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 2088 Practicum II

0.0 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 2211 Introduction to Education

3.0 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 the educational theory and practices from Early Childhood Education (ECE) through secondary education.

EDU 2221 Effective Teaching

1.0 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.

EDU 2341 Multicultural Education

3.0 Credits

Explores racial, ethnic, cultural, and socioeconomic groups to gain an understanding of equity, diversity, and inclusion in communities and education. This course provides opportunities to contextualize multicultural perspectives in society and their impact on the education system.

EDU 2401 Teaching the Exceptional Learners

3.0 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.

EDU 2611 Teaching, Learning & Technology

3.0 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.

Electricity Ind/Commercial

EIC 1002 Electrical Principles and Applied Calculations

11.0 Credits

Provide the fundamental principles that are involved with all electrical calculations and operations as well as practical applications of various concepts.

EIC 1102 Safety & Industry Certifications

17.0 Credits

Learn a comprehensive review of electrical industry safety standards. When applicable, the student will earn a permit and/or certification in the following areas: CDL Licensing, First Aid/CPR/AED, Flagging, OSH 1910.269, National Electric Safety Code Rescue Procedures, Excavation Safety and use of Personal Protective Equipment.

EIC 1210 Power Theory & High Volt Appar

3.0 Credits

Focuses on Ohm's Law, measurements, fundamentals of AC and DC circuits, with an emphasis on transformers and transformer connections, identify key elements in high voltage electrical systems from the generation station to the end consumer.

EIC 1230 Underground Power Systems

7.0 Credits

Learn safety practices and related safety manual regulations, terminology, tool usage, fault finding, cable locating, equipment operation, switching procedures, installation of terminal devices, cable pulling, splicing, material identification, transformer and apparatus applications.

EIC 1231 Overhead Power Systems

9.0 Credits

Learn safety practices, terminology, material identification, construction standards as per specification books, equipment identification and use, pole climbing, and overhead construction.

Emergency Medical Services

EMS 1022 EMT Medical Emergencies

15.0 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.

EMS 1023 EMT Trauma Emergencies

2.0 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.

EMS 1024 EMT Special Considerations

2.0 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 materials, and terrorism.

EMS 1026

EMT Basic Refresher

2.0 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.

EMS 1070 EMT Clinical

1.0 Credit

Provides the EMT student with the clinical experience required for initial certification and some renewal processes.

**EMS 1071 Advanced Emergency Medical Technician
Clinical Internship**

2.0 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.

EMS 1015 Emergency Medical Responder

3.0 Credits

Provides the student with core knowledge and skills to function in the capacity of a first responder arriving at the scene of an emergency, providing supportive care until advanced EMS help arrives.

EMS 1021 EMT Fundamentals

18.0 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.

EMS 1071 AEMT Clinical Internship

2.0 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.

EMS 1075 Special Topics

0-12 Credits

Provides the student with a vehicle to pursue in depth exploration of special topics of interest

EMS 1081 EMS Internship I

3.0 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.

**EMS 1125 Advanced Emergency Medical Technician
Fundamentals**

2.0 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.

EMS 1127 Advanced Emergency Medical Technician Special Considerations

2.0 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.

**EMS 1129 Emergency Medical Technician
Pharmacology**

10.0 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.

EMS 1132 EMS Intravenous / Intraosseous Therapy

11.0 Credits

Focuses on 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.

EMS 1133 Advanced Emergencies Medical Technician Medical Emergencies

5.0 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.

**EMS 1135 Advanced Emergency Medical Technician
Trauma Emergencies**

2.0 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

EMS 2006 EMT Intermediate Refresher

12.0 Credits

Meets or exceeds minimum requirements for renewing EMT Intermediate or EMT Intermediates in the re-entry program.

EMS 2020 Paramedic Refresher

5.0 Credits

Updates the EMT-P in four specific areas of prehospital emergency care. Includes trauma, medical, Advanced Life Support (ALS) and elective topics focused on ancillary issues in EMS.

EMS 2025 Fundamentals of Paramedic Practice

3.0 Credits

Introduces the paramedic student to the advanced practice of prehospital care. This course covers professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and basic and advanced airway management. This course discusses EMS 's role in the healthcare continuum, professional communication, patient care documentation, IV fluid therapy and resuscitation, and the application of evidence based medicine. A brief overview of human anatomy, physiology and pathophysiology is included.

EMS 2026 Fundamentals of Paramedic Practice - Lab

11.0 Credits

Teaches the skills necessary for the paramedic to apply professional behavior, medical ethics, legal issues, patient assessment, therapeutic communication, clinical decision making, and airway management. Serves as the companion course to Fundamentals of Paramedic Practice.

EMS 2027 Paramedic Special Considerations

12.0 Credits

Introduces the paramedic student to concepts in assessing and meeting the emergency care needs of the neonate, pediatric, geriatric and special needs patient. This course focuses on epidemiology, pathophysiology, assessment and treatment of these patient groups. Common medical and traumatic presentations are addressed. Relevant psychosocial and ethno cultural concepts and legal and ethical implications are integrated throughout.

EMS 2028 Paramedic Special Considerations Lab

11.0 Credits

Teaches the skills necessary for the paramedic to effectively assess and treat neonatal, pediatric, geriatric, and special needs patients utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Special Considerations.

EMS 2029 Paramedic Pharmacology

12.0 Credits

Introduces the paramedic student to advanced emergency pharmacology, pharmacokinetics and pharmacodynamics. This course will include laws affecting the use and distribution of medications, medication dosing, clinical calculations, routes of administration and discussion of common medication classifications to include indications, contraindications and side effects.

EMS 2030 Paramedic Pharmacology Lab

2.0 Credits

Teaches the skills necessary for the paramedic to safely and effectively administer emergency medications. Serves as the companion course to Paramedic Pharmacology.

EMS 2031 Paramedic Cardiology

13.0 Credits

Introduces the paramedic student to cardiovascular emergencies and the care of patients presenting with cardiovascular emergencies. Topics will include assessment of the cardiovascular system, ECG acquisition and interpretation both single lead and 12 lead, pathophysiology of cardiovascular disease and treatments indicated for a given disease.

EMS 2032 Paramedic Cardiology Lab

1.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients presenting with cardiovascular emergencies utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Cardiology.

EMS 2033 Paramedic Medical Emergencies

12.0 Credits

Expands on the paramedic student's knowledge of medical emergencies with the Integration of assessment findings in formulating a field impression and implementing a treatment plan. This course will cover principles of epidemiology and pathophysiology related to common medical emergencies including: neurological, abdominal and gastrointestinal disorders, immunological, infectious diseases, endocrine disorders, psychiatric disorders, toxicological, respiratory, hematological, genitourinary, gynecological, non-traumatic musculoskeletal disorders, and diseases of the eyes, ears, nose, and throat

EMS 2034 Paramedic Medical Emergencies Lab

1.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients with a variety of medical emergencies utilizing skills and simulation scenarios. Serves as the companion course to Paramedic Medical Emergencies.

EMS 2035 Paramedic Trauma Emergencies

13.0 Credits

Expands on the paramedic student's knowledge of trauma emergencies with the integration of assessment findings in formulating a field impression and implementing a treatment plan for an acutely injured patient. The course will provide an in depth evaluation of trauma to include: categorization of trauma patients, incidence of trauma, trauma systems, types of injury, trauma assessment, documentation in trauma, trauma scoring scales, trauma center designations, and transfer of patients.

EMS 2036 Paramedic Trauma Emergencies Lab

13.0 Credit

Teaches the skills necessary for the paramedic to effectively assess and treat patients with a variety of traumatic emergencies utilizing skills and simulation scenarios. Serves as the companion lab course for Paramedic Trauma Emergencies.

EMS 2037 Paramedic Internship Preparatory

14.0 Credits

Reviews concepts and techniques used in the prehospital setting.

EMS 2075 Special Topics

0-12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest. English

EMS 2080 Internship I: Paramedic

0.0 Credits

Serves as the preceptor/internship program for paramedic students.

EMS 2081 Paramedic Internship II

0.0 Credits

Serves as the continuation of EMS 280, preceptor program for paramedic students.

Engineering

EGG 1030 Robotics Design

1.0 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.

EGG 1051 Introduction to Experimental Design and Engineering

13.0 Credits

Introduces the design and construction of scientific and/or engineering experiments. This course covers the entire life cycle of the experiment or prototype from concept generation and design through construction, making measurements, analysis of collected data, and communication of results.

English

ENG 0092 Composition and Reading

19.0 Credits

Integrates and contextualizes college-level reading and writing.

ENG 0094 Studio 1021

15.0 Credits

Integrates and contextualizes reading and writing strategies tailored to co- requisite ENG 1021 coursework.

ENG 1015 Technical English & Communication

3.0 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 in order to become successful (or to remain successful) in the workplace.

ENG 1021 English Composition I : GT-CO1

3.0 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.

ENG 1022 English Composition II:GT-CO2

3.0 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.

ENG 1031 Technical Writing I: GT-CO1

3.0 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.

ENG 2001 English Composition III: GT-CO3

3.0 Credits

Provides the skills necessary to enter into higher-level undergraduate academic discourse or professional workplace writing. This course extends rhetorical knowledge and develops critical reading, thinking, and writing strategies in multiple specialized areas of discourse beyond what is encountered in previous composition courses. Guaranteed Transfer (GT) Pathways Course Statement: The Colorado Commission on Higher Education has approved ENG 2001 for inclusion in the Guaranteed Transfer (GT) Pathways program in the GT-CO3 category.

ENG 2021 Creative Writing I: GT-AH1

3.0 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.

ENG 2022 Creative Writing II

3.0 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.

Environmental Science

ENV 1010 Natural Disasters: GT-SC2

3.0 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.

ENV 1111 Environmental Science with Lab: GT-SC1

13.0 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.

Esthetician

EST 1010 Introduction to Skin Care

3.0 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.

EST 1011 Intermediate Skin Care

2.0 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.

EST 2010 Advanced Skin Care

2.0 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.

EST 2011 Make-up for Skin Care Professionals

1.0 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.

EST 2012 Hair Removal

3.0 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.

Ethnic Studies

ETH 2000 Introduction to Ethnic Studies: GT-SS3

3.0 Credits

Introduces the issues of race and ethnicity through the exploration of four major groups in the United States. This course explores issues of race and identity, racism and discrimination, stereotyping, prejudice, segregation, colonialism, integration, and acculturation pertaining to Americans of African, Asian, Latino, and Indigenous descent, as well as additional ethnic identities. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Finance

FIN 2010 Principles of Finance

3.0 Credits

Provides factual knowledge of financial institutions and the monetary system used in the United States in relationship to the global economy. Examines tools and techniques such as capital budgeting, time value of money, analysis of financial statements, cost of capital, and risk analysis to analyze business decisions, plan and determine project and firm value, and evaluate sources of financing.

FIN 3020 Applied Finance

3.0 Credits

Focuses on applying financial concepts, ethical and financial sustainability practices to promote managerial success and improve organizational performance. It addresses the budgeting process, raising capital and examines cash and risk management. Topics include analysis of financial markets, managing financial performance, cash and capital budgeting, risk versus return, capital structure, time value of money, and financing for both short and long-term requirements.

Geographical Information Sys

GIS 1000 Geographic Information System Fundamentals

3.0 Credits

Introduce students to an overview of geospatial technology. Students will be introduced to the concepts of spatial thinking and analysis through the exploration of GIS, Remote Sensing, web-based maps and mobile mapping. Emphasis is placed on understanding the fundamental aspects of these technologies and how they are currently being applied across a variety of disciplines.

GIS 1001 Introduction to Geographic Information Systems

3.0 Credits

Surveys the development, application and use of geographic information systems (GIS).

Geography

GEO 1005 World Regional Geography: GT-SS2

3.0 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.

GEO 1006 Human Geography: GT-SS2

3.0 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.

GEO 1012 Physical Geography - Weather, Climate and Ecosystems w/Lab: GT-SC1

13.0 Credits

Introduces the principles of meteorology, climatology, ecology, and regional climate classification. The course investigates the geographic factors which influence climate and ecosystems such as topography, elevation, winds, ocean currents, and latitude. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

Geology

GEY 1111 Physical Geology with Lab: GT-SC1

16.0 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.

GEY 1112 Historical Geology w/Lab: GT: SC1

4.0 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.

Gun Range

GUR 1020 NRA Range Safety Officer Course

0.5 Credits

Designed for persons who have been assigned by a ranger owner, operator, or manager to oversee range safety. Course content includes: ensuring the range is safe to use; conducting range safety briefings for shooters; handling ammunition and firearm malfunctions safely; supervising safety aspects of shooting activities; and handling emergency procedures as established by the range management.

GUR 1006 NRA Basic Pistol Shooting

0.5 Credits

Provides the basic knowledge, skills, and attitude necessary to safely own and use a pistol.

GUR 1012 NRA Personal Protection Course

1.0 Credits

Introduces the basic knowledge, skills, and attitude necessary for the safe and proper use of a handgun, and provides information on the Citizen's right of self-defense. It is of benefit to beginning and experienced shooters alike.

GUR 2000 NRA Basic Instruction Training

0.5 Credits

Covers teaching principles, instructional techniques, and training aids used to teach the NRA Basic Firearms Training Courses.

GUR 2001 NRA Home Firearm Safety Instructor Course

0.5 Credits

Covers teaching principles, instructional techniques, and training aids used to organize and conduct the NRA Home

Firearms Safety Instructor Course.

GUR 2006 NRA Basic Pistol Instructor Course

1.0 Credits

Designed to develop NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Basic Pistol Shooting Course.

GUR 2007 NRA Basic Shotgun Shooting Instructor

1.0 Credit

Covers teaching principles, instructional techniques, and training aids used to teach the NRA Basic Shotgun Shooting Instructor course.

GUR 2008 NRA Muzzleloading Instructor

1.0 Credit

Develops NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Basic Muzzleloading Course/s.

GUR 2010 NRA Basic Rifle Instructor

1.0 Credit

Covers teaching principles, instructional techniques, and training aids used to organize and conduct the NRA Basic Rifle Shooting Instructor Course.

GUR 2012 NRA Personal Protection Instructor

1.0 Credits

Develops NRA Certified Instructors who possess the knowledge, skills, and attitude necessary to organize and safely conduct the NRA Personal Protection Course.

GUR 2050 Instructional Leadership

1.0 Credits

Provides practical application of the teaching and organizational skills learned in the TSJC/NRA Shooting and Firearms Safety course series using an internship model. The student will assist in the planning, promotion, teaching, and follow up documentation for one NRA Firearms Safety class. This is the final course in the TSJC/NRA Firearms Safety Instructor Certificate program.

Gunsmithing

GUS 1000 Orientation and Firearms Safety

0.5 Credits

Incorporates two parts in this course - 1) orientation to the gunsmithing program and 2) introduction to the basic principles of firearm safety.

Completing students receive an NRA home firearm safety certificate of completion.

GUS 1001 Introduction to Small Arms

4.0 Credits

Introduces the history, basic functions, and troubleshooting techniques for modern military small arms.

GUS 1002 Introduction to Firearms

4.0 Credits

Explores the history of firearms and ammunition, firearms design and the function of modern firearms.

**GUS 1003 Small Arms Hand Tools, Bench Work,
Metallurgy, and Shop Practices**

4.0 Credits

Introduces hand tools, benchwork, basic metallurgy, shop practices, and inspection procedures common to small arms repair work. This includes shop safety, proper use of precision and semi-precision measuring tools, basic heat-treating of steel, forging, metal finishing, and small arms inspection.

GUS 1010 Firearms Bench Metal

18.0 Credits

Emphasizes shop safety and hand work, including: the proper use of measuring and hand tools, layout, drilling, sawing, filing, soldering, silver soldering, forging, heat treatment, and hand polishing.

GUS 1012 Firearms Machine Shop I

18.0 Credits

Introduces theory and practice of shop safety, metalworking lathe, and milling machine operations. Students will demonstrate proper use of machine tools while making specialized gunsmithing tools.

GUS 1019 Stockmaking I

16.0 Credits

Introduces stockmaking techniques for a bolt action rifle from semi-inletted blanks. The course will cover inletting the barrel and trigger guard, glass bedding, installing grip cap, recoil pad, fore-end tip, swivels, shaping, sanding and finishing.

GUS 1027 Firearms Machine Shop II

4.0 Credits

Continues the theory and practice of shop safety, metalworking lathe, and milling machine operations. Students will demonstrate proper use of machine tools while making specialized gunsmithing tools and fitting, chambering, and contouring a barrel for a bolt action rifle.

GUS 1035 Firearms Conversions

14.0 Credits

Examines various techniques for conversion of military rifle actions into customized sporter rifle actions. Bolt handles, safeties, iron sights, scope mounts, adjustable triggers, and trigger guard contouring and other custom conversions and accessories will be included.

GUS 1036 Firearms Metal Finishing

2.0 Credits

Focuses on the skills necessary to perform firearms bluing and parkerizing techniques. Topics include necessary equipment, chemical mixing procedures, and safety as they apply to hot caustic bluing, rust bluing, parkerizing and metal preparation.

GUS 1039 Stock Duplication

2.0 Credits

Introduces gunstock woods, stock layout, and basic stock duplicating machine operations. Students will sharpen chisels, design and cut a semi- inletted gunstock.

GUS 1047 Firearms Repair I

14.0 Credits

Explores firearms repair theory and practice. Topics include necessary tools, design, function, takedown, troubleshooting, assembly and repair of selected handguns, shotguns, and rifles.

GUS 1050 Knifemaking I

2.0 Credits

Incorporates theory, individualized instruction and student project work. Enables the student to develop skill by completing the entire process required to construct a knife. The number of projects are determined by instructor and student.

GUS 1051 Knifemaking II

2.0 Credits

Builds on the skills learned in GUS 1050 and continues individualized instruction and project work. Enables the student to develop skills by completing the entire process required to construct a knife. Covers Lockback and Hollowground knives. The number of projects are determined by the instructor and student.

GUS 1062 Gunstock Checkering

2.0 Credits

Includes pattern design, laying out, scribing, transferring the pattern, checkering techniques, and finishing. Hand and power checkering tools will be covered.

GUS 2001 Tools and Fixtures

2.0 Credits

Focuses on the study and manufacture of tools including milling cutters, taps, dies, and reamers. Includes the study and measurement of screw threads. Incorporates projects to include milling cutters, reamers, taps, and dies.

GUS 2002 CNC I

2.0 Credits

Incorporates a combined lecture/lab that provides an overview of CNC machining and programming. Enables the student to program and machine small parts.

GUS 2005 Firearms Machine Shop III

4.0 Credits

Continues the study of machine tool operation with special emphasis on gunsmithing procedures. Course work includes safety, milling, lathe, and advanced barrel fitting and chambering.

GUS 2008 Alternative Metal Finishes

2.0 Credits

Examines alternative spray-on and transfer coatings available to the modern gunsmith.

GUS 2040 Shotgunsmithing

2.0 Credits

Provides the advanced gunsmithing student the theories and principles of the most popular shotgun modifications. Emphasizes back boring, choke tubes, forcing cones, shotgun beads, and dent removal.

GUS 2045 Stockmaking II

14.0 Credits

Explores advanced stockmaking techniques for one and two piece gunstocks of both wood and synthetic materials. Techniques in glass bedding, gun fitting, installation of custom hardware and finishing techniques will also be studied.

GUS 2047 Firearms Repair II

7.0 Credits

Provides an advanced gunsmithing course in firearms repair theory and practice. Topics include design, function, takedown, troubleshooting, assembly and repair of selected shotguns, rifles, and handguns. Also included is the use of specialized tools and fixtures.

GUS 2051 Bolt action accuracy Blueprinting

2.0 Credits

Focuses on the study of the necessary modifications to convert the standard bolt action into a varmint, bench rest, or match rifle action. Emphasizes the remachining of the main line and lock up areas of the action. These operations create a straight action concentric to its bore. Covers the building and use of specialized tools and fixtures as well as precision barrel fitting.

GUS 2065 Comprehensive Skills Evals

0.5 Credits

Learn competencies through a comprehensive evaluation after students have completed the Gunsmithing Program curriculum.

GUS 2068 Custom Pistolsmithing

3.0 Credits

This course instructs the gunsmithing student in the principles necessary to modify a Colt, Government style 1911 model (or its copies) into a competition firearm used in various shooting sports. Topics covered include: inspecting, troubleshooting, executing custom modifications using specialized tools, jigs, and fixtures, reassembly, and performing post assembly checks on Colt 1911 type semi-automatic handguns.

GUS 2069 Custom Revolversmithing

3.0 Credits

Topics covered include inspecting, troubleshooting, executing custom modifications, reassembly, and performing post assembly checks on Smith & Wesson double action type revolvers.

GUS 2075 Special Topics

0-12 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

GUS 2089 Capstone

0-12 Credits

To Be Determined by Instructor Gunsmithing – NRA

GUS 2200 Small Arms Repair

4.0 Credits

Explores small arms repair theory and practice. Topics include special tools, small arms design and function, troubleshooting, disassembly, repair, reassembly, and testing of current military small arms.

GUS 2201 Machine Gun Repair

14.0 Credits

Explores machine gun repair theory and practice. Topics include special tools, design and function, troubleshooting, disassembly, repair, reassembly, and testing of current military machine guns.

Gun Repair

GUR 1001 NRA Home Firearm Safety Course

0.5 Credits

To teach the basic knowledge and skills and to explain the attitude necessary for the safe handling and storage of guns in the home.

GUN 1004 Blueing and Metal Finishes

2.0 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

GUR 1007 NRA Basic Shotgun Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a shotgun.

GUR 1008 NRA/NMLRA Muzzleloading Pistol Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading pistol.

GUR 1009 NRA/NMLRA Muzzleloading Rifle Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading rifle.

GUR 1010 NRA Basic Rifle Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a rifle.

GUR 1011 NRA/NMLRA Muzzleloading Shotgun Shooting

1.0 Credit

Introduces the basic knowledge, skills, and attitude necessary to safely own and use a Muzzleloading pistol.

GUR 2020 NRA Chief Range Safety Officer Course

0.5 Credits

Develops NRA Certified Range Safety Officers who possess the knowledge, skills, and attitude necessary to train and supervise NRA Range Safety Officers and to provide the essential information to develop Range Standard Operating Procedures.

Gunsmithing - NRA

GUN 1003 Blueing

2.0 Credits

Covers blueing methods, chemicals, temperatures, and equipment. Incorporates hands-on experience with firearm disassembly, metal preparation, and blueing process.

GUN 1005 Color Case Hardening

2.0 Credits

Focuses on first hand experience in color case hardening. Includes equipment, metal preparation, types of charcoal, quenching mediums, and source of supplies. Students should bring two or three suitable actions and other parts (grip caps, butt plates, or similar small parts) to be color case hardened. Contact the instructor to make sure that your actions are suitable for color case hardening.

GUN 1016 Basic Precision Welding

2.0 Credits

Serves as a forty-hour block of hands-on instruction in four welding processes: Oxy/Acetylene; Shielded Arc Welding; Gas Metal Arc Welding (MIG); and Gas Tungsten Arc Welding (TIG). Emphasizes fabrication and repair of small metal fixtures and parts relating to the gunsmithing industry.

GUN 1020 Basic Machine Shop

2.0 Credits

Incorporates instruction and hands-on experience in machine tool operation. Focuses on experience with the drill press, metalworking lathe, and milling machine in the manufacture of parts and tools. Enrollment is limited to 14 students.

GUN 1021 Advanced Machine Shop

2.0 Credits

Provides further instruction and practice on machine tool operations. Focuses on rifle rebarreling techniques and advanced machine shop operations. Projects vary according to individual interests, but could include tool making or octagon barrels. Enrollment is limited to 14 students.

GUN 1022 Tools and Fixtures

2.0 Credits

Serves as a one-week machine shop course that covers the making of various specialized tools and fixtures used in the gunshop. Projects vary depending on the requirements of the individual student and the types of firearms they wish to work on.

GUN 1030 Introduction to Computer Numerical Control (CNC) Machining

2.0 Credits

Covers the history of Computer Numerical Control (CNC) machining development, major types of CNC machinery, basic shop math for CNC operations, basic machining processes related to CNC operations, fundamentals of CNC machine set-up and operations, and common types of work piece materials.

GUN 1068 Single Action Revolver Modifications

2.0 Credits

Serves as a one-week course designed for Ruger single action revolvers, although the Colt SAA and copies are also welcome. Covers basic action tuning (general use, hunting, and Cowboy), troubleshooting, timing, barrel fitting, and sight installations.

GUN 1101 Introduction to Gunsmithing

2.0 Credits

Covers operational theory, disassembly and assembly, proper use of the hand tools and precision measuring instruments, and an introduction to basic bench work of the gunsmithing trade. Addresses minor gun repair and the installation of firearm accessories. Includes a brief study of Federal Firearms Law and record keeping.

GUN 1102 Gunsmithing Hand Tools

2.0 Credits

Introduces gunsmithing tools and their use. Enables the student to make various specialized gunsmithing hand tools. Includes filing, layout work, forging, soldering, brazing, basic metallurgy and heat treating, and shop safety.

GUN 1108 Blueprint Bolt Actions

2.0 Credits

Provides instruction in the highest quality benchrest and competitive rifle techniques for the truing and lapping of the bolt action. Involves tuning the lug seats in the receiver and on the bolt, turning bolt faces and fitting oversized recoil lugs, and installing Sako type or AR 15 extractors to complete the alteration. Students provide their own action, lugs and extractors.

GUN 2075 Special Topics

0.0 Credits

Provides students with a vehicle to pursue in depth exploration of special topics of interest.

Health & Wellness

HWE 1050 Human Nutrition

3.0 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.

Health Professional

HPR 1010 Dietary Nutrition

1.0 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.

HPR 1036 Human Diseases

7. Credits

Covers basic knowledge of the deviations that occur in the human body with disease and injury. An integrated study of signs/symptoms, diagnostic tests and treatment.

HPR 1039 Medical Terminology

4.0 Credits

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.

HPR 1040 Comprehensive Medical Terminology

3.0 Credits

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.

HPR 1050 Basic EKG Interpretation

2.0 Credits

Lecture/ Provides instruction for interpretation of EKG strips, anatomy and physiology of the heart, using three-lead monitoring as a guide. Three-lead EKG may be discussed.

HPR 2011 ACLS

1.0 Credits

Presents the required material for ACLS completion. It will cover arrhythmias, medications, therapeutic modalities for life threatening arrhythmias, airway management, and other treatment modalities used in cardiac and respiratory arrest.

History

HIS 1110 The World: Antiquity-1500: GT-HI1

3.0 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.

HIS 1120 The World: 1500-Present: GT-HI1

3.0 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.

HIS 1210 United States History to Reconstruction: GT- HI1

3.0 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 gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

**HIS 1220 United States History Since the Civil War:
GT-HI1**

3.0 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.

HIS 1310 Western Civilization: Antiquity-1650: GT-HI1

3.0 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.

HIS 1320 Western Civilization: 1650-Present: GT-HI1

3.0 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.

HIS 2015 20th Century World History: GT-HI1

3.0 Credits

Investigates the major political, social, and economic developments, international relationships, scientific breakthroughs, and cultural trends that have shaped the various global regions, empires, and nation-states since the late nineteenth century. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2105 Women in U.S. History: GT-HI1

3.0 Credits

Examines women's changing roles in American history. It explores the nature of women's work and the participation of women in family, political, religious, and cultural activities and in social reform movements. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2110 African American History: GT-HI1

3.0 Credits

Explores the experiences and contributions of African Americans from the colonial period to the present through the social and economic lives and roles of African Americans, their roles in politics and war, their achievements, and movements for self-help and civil rights. 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.

HIS 2115 American Indian History: GT-HI1

3.0 Credits

Analyzes historical and socio-cultural change for Native Americans from pre-colonial America to the present, emphasizing those processes and relations with non-Native Americans which have contributed to current conditions. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a statewide Guaranteed Transfer course in the GT-HI1 category.

HIS 2135 Colorado History:GT-HI1

5.0 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.

Horticulture

HLT 1101 Introduction to Horticulture

6.0 Credits

Introduces the biology of horticultural plants, and basic horticultural practices.

Human Performance and Exercise

HPE 1000 Introduction to Physical Education and Sport

2.0 Credits

Focuses on the field of physical education and sports. Includes trends, precedents and their effects in the health and total wellness of those involved.

HPE 1001 Introduction to Coaching

8. 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.

HPE 2000 Perspectives in PE & Sport

9. Credits

This course discusses the breadth, scope, and nature of the profession. It is an orientation to the history and philosophy of human performance and the factors that influence its evolution. Special consideration is given to the history of sport from antiquity to the present, particularly the Olympic Games.

HPE 2031 Care and Prevention of Athletic Injuries

3.0 Credits

Focuses on techniques in prevention, care and basic rehabilitation of athletic injury.

Human Services

HSE 1006 Survey of Human Services

5.0 Credits

Provides a philosophical, political, statutory and contemporary overview of the role, values, knowledge and intervention strategies encountered by human service professionals in addressing social problems.

HSE 1007 Interviewing Principles and Practices

3.0 Credits

Provides a beginning level of information on theoretical concepts, primary principles, strategies and interventions implemented in the practice and delivery of human services to individuals and families using the human services interview.

HSE 1009 Social Issues – Human Services

3.0 Credits

Provides an analytical overview of the social functions of human services. Examines the welfare system from various political perspectives. Presents idealism and pragmatism of the present state of human services and trends for the future.

HSE 1030 Introduction to Disabilities

3.0 Credits

Focuses on types of disabilities and their affect on cognition, society, mobility, and appearance. This course includes historical perspectives and treatments, service, barriers, and legal concerns.

HSE 1088 Human Services Practicum I

4.0 Credits

Provides experience in various service agencies to familiarize students with agency work. Emphasizes developing observational skills, individual growth in self-awareness, interviewing skills, introduction to agencies and client systems. A weekly classroom seminar complements the agency experience.

HSE 2005 Human Services for Groups

3.0 Credits

Introduces the concepts, principles, goals and skills of group work as a method of providing human services. Emphasis is on basic practice skills and intervention techniques. Offered fall semester only.

HSE 2006 Human Services for Families

3.0 Credits

Introduces family theory and practice. Covers such topics as systems theory, communications theories, structure therapists, developmental theory and future directions in family therapy research.

HSE 2009 Crisis Theory and Intervention

3.0 Credits

Introduces basic theories and principles of crisis intervention from a historical and practical orientation. Offered spring semester.

HSE 2007 Community Organization

3.0 Credits

Examines the theory and practice of organizing communities, neighborhoods, committees and advisory boards as they relate to the social services delivery system.

HSE 2015 Introduction to Delinquency and Justice

3.0 Credits

Provides a historical and philosophical background of theories, ideologies, statutes, political processes and policies of the American Juvenile Justice System. Examines juvenile processes from predelinquency and adjudication, through corrections.

HSE 2026 Case Management for Human Services Practitioners

3.0 Credits

Introduces an advanced program of study incorporating the theory and practice strategies of case management utilizing the specialist model approach.

HSE 2075 Special Topics

0.0 Credits

This course provides students with a vehicle to pursue in depth exploration of special topics of interest.

Humanities

HUM 1015 World Mythology: GT-AH2

3.0 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.

HUM 1021 Humanities: Early Civilization:GT-AH2

3.0 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.

HUM 1022 Humanities: Medieval-- Modern: GT-AH2

3.0 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.

HUM 1023 Humanities: Modern World: GT-AH2

3.0 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.

Law Enforcement Academy

LEA 1001 Basic Police Academy I

20.0 Credits

Conforms to POST (Peace Officer standards and Training) 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 both a lecture and laboratory mode of learning.

LEA 1002 Basic Police Academy II

12.0 Credits

Conforms to POST (Peace Officer Standards and Training) standards and state certification requirements as well as the basic skills and knowledge 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.

LEA 1005 Basic Law

8.0 Credits

Conforms to the Colorado POST (Peace Officer Standards and Training) 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.

LEA 1006 Arrest Control Techniques

3.0 Credits

Conforms to POST (Peace Officer Standards and Training) 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. 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.

LEA 1007 Law Enforcement Driving

3.0 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.

LEA 1008 Firearms

3.0 Credits

Conforms to POST (Peace Officer Standards and Training) 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. 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 be able to explain the firearms role within the continuum of force.

Literature

LIT 1015 Introduction to Literature I: GT-AH2

3.0 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.

LIT 2001 World Literature to 1600:GT-AH2

3.0 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.

LIT 2002 World Literature After 1600: GT-AH2

3.0 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.

LIT 2005 Race, Ethnicity, and Culture in U.S. Literature: GT-AH2

3.0 Credits

Focuses on significant texts by ethnic Americans, including African-American, Native American, Latino/a, and Asian Americans. Emphasizes careful reading and understanding of the cultural and literary elements of the works. This course is one of the Statewide Guaranteed Transfer courses. GT-AH2

LIT 2011 American Literature to Civil War: GT-AH2

3.0 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.

LIT 2012 American Literature After the Civil War: GT- AH2

3.0 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.

LIT 2021 British Literature to 1770: GT-AH2

3.0 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.

LIT 2055 Children's Literature: GT-AH2

3.0 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.

LIT 2059 Survey of African American Literature: GT-AH2

3.0 Credits

Examines African American literature from 1750 to the present, exploring ideas, historical and social contexts, themes, and literary characteristics of works in various genres by major writers. This course is one of the Statewide Guaranteed Transfer courses. GT-AH2 Management

Machining

MAC 1078 Machining Workshop

0.0 Credits

Provides students with an experiential learning opportunity.

MAC 2078 Machining Workshop

0.0 Credits

Provides students with an experiential learning opportunity.

Management

MAN 1002 Ethics & Values

1.0 Credits

Explores the foundations of business ethics which includes influences and guidelines to help you make good decisions at work. Students will identify traits of ethical people and ethical organizations, such as, integrity, character, honesty, self-control, and self-sacrifice.

MAN 1017 Time Management

1.0 Credits

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.

MAN 2000 Human Resource Management I

3.0 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.

MAN 2016 Small Business Management

3.0 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.

MAN 2026 Principles of Management

3.0 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.

MAN 3030 Contemporary Management

3.0 Credits

Provides a broad overview of current organizational management principles, techniques, and concepts needed for managerial analysis and decision-making related to planning, organizing, leading, and controlling of organizational resources. This course also explores the evolving nature and roles of managers and leaders.

MAN 3050 Innovation and Change Management

3.0 Credits

Provides essential skills required to navigate the dynamic and ever-evolving business environment. This course explores and applies the concepts, theories, and practical tools necessary to understand and drive organizational change, fostering adaptability and innovation within an organization.

MAN 3060 Operations Management

3.0 Credits

Examines the planning, organization, and measurement of operations common within successful business production and service. This course emphasizes product design, supply chain management, quality control, inventory management, and planning.

MAN 4030 Organizational Leadership

3.0 Credits

Explores leadership development through foundational theories, along with development and applications of effective leadership principles and skills. This course covers motivation, group dynamics, conflict resolution, power/politics, communication, and organizational change and development. This course emphasizes a personal leadership development plan toward becoming an effective leader in the organization.

MAN 4040 Strategic Management

3.0 Credits

Applies strategic thinking and development and implementation strategies for businesses with a domestic and global perspective. This course combines fundamentals from accounting, marketing, finance and management, operations, and management information systems to analyze information and make strategic decisions and plans.

MAN 4060 Human Resources and Supervisory Management

3.0 Credits

Establishes the foundational knowledge and skills required to effectively manage personnel, foster a productive work environment, and handle various human resource functions within an organization. The course explores applications of the key principles, best practices, and legal aspects of Human Resources (HR) and supervisory management.

Marketing

MAR 1011 Principles of Sales

3.0 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.

MAR 1060 Customer Service

3.0 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.

MAR 2002 Event Marketing/Communications

3.0 Credits

Explores the importance and role of marketing, media and public relations in the event planning industry. This course covers marketing and communication tools such as social media, promotional events, networking, and blogs. The development of marketing plans will be discussed including targeted market research, communication tools, objectives, strategies, and implementation.

MAR 2016 Principles of Marketing

3.0 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.

MAR 3040 Business Practical Marketing

3.0 Credits

Explores contemporary marketing environments, effective strategies and practices and common legal, ethical, and social issues within a variety of industries. This course emphasizes elements of the marketing mix, including product and service development and management, social media, e-marketing, pricing, channel management, and promotion.

MAR 4010 Digital Marketing and Analytics

3.0 Credits

Presents practical application of the Internet and digital platforms for marketing products and services. This course develops skills and techniques in product and services marketing, sales, and analytics. This course explores the diverse online business models, digital advertising, social media marketing techniques, and advanced marketing analytics. The course emphasizes

data-driven marketing decision-making.

Mathematics

MAT 0200 Algebraic Literacy Lab

1.0 Credit

Supports skill development in students registered in Algebraic Literacy. Topics covered in this course include those defined in Algebraic Literacy and/or any prerequisite skills needed by the student.

MAT 0250 Quantitative Literacy

4.0 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.

MAT 0300 Algebraic Literacy

4.0 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 College Algebra (MAT 1340) and Finite Math (MAT 1320).

MAT 1120 Math for Clinical Calculations

3.0 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.

MAT 1140 Career Math:

3.0 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.

MAT 1150 Technical Mathematics

4.0 Credits

Covers mathematical material designed for career and technical students. Topics include measurement, algebra, geometry, trigonometry, and vectors. These are presented at an introductory level and the emphasis is on applications.

MAT 1160 Financial Mathematics

3.0 Credits

Covers the fundamentals of financial mathematics. Topics include pricing, taxes, insurance, interest, annuities, amortization, and investments.

MAT 1220 Integrated Math I: GT-MA1

3.0 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.

MAT 1230 Integrated Math II: MA1

3.0 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.

MAT 1240 Mathematics for the Liberal Arts: GT-MA1

4.0 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.

MAT 1260 Introduction to Statistics: GT-MA1

3.0 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.

MAT 1320 Finite Mathematics: GT-MA1

4.0 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.

MAT 1340 College Algebra: GT-MA1

4.0 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.

MAT 1400 Survey of Calculus: GT-MA1

4.0 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.

MAT 1420 College Trigonometry: GT-MA1

3.0 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.

MAT 1440 Pre-Calculus: GT-MA1

5.0 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.

MAT 2410 Calculus I: GT-MA1

c. 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.

MAT 2420 **Calculus II: GT-MA1**

5.0 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.

MAT 2430 **Calculus III: GT-MA1**

4.0 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.

MAT 2431 **Calculus III with Engineering Applications: GT-MA1**

5.0 Credits

Focuses on the traditional subject matter of multivariable Calculus with an additional emphasis on word problems and problem solving. Topics include vectors, vector-valued functions, partial derivatives, analytic geometry, multiple integrals, line integrals, Stokes', Divergence Theorems and Green's Theorems, and applications. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

MAT 2560 **Differential Equations: GT-MA1**

3.0 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.

Medical Assisting Professional

MAP 1010 **Medical Office Administration**

4.0 Credits

Introduces the administrative duties specifically used in medical offices.

MAP 1020 **Medical Office Financial Management**

4.0 Credits

Covers the practical uses of accounts and records with emphasis on accounting principles and analysis for use in a medical office. This course introduces outpatient coding with an ultimate goal to present a clear picture of medical procedures and services performed, such as Current Procedural Terminology (CPT) codes, correlating the diagnosis, symptom, and complaint or condition, and International Classifications of Diseases (ICD) codes, thus establishing the medical necessity required for third-party reimbursement.

MAP 1050 **Pharmacology for Medical Assistants**

3.0 Credits

Provides an overview of pharmacology language, abbreviations, systems of measurement, and conversions. The Controlled Substances Act, prescriptions, forms of medications, patient care applications, drug classifications/interactions, and safety in drug therapy and patient care are presented. Information regarding the measurement of medications, dosage calculations, routes of administration, and commonly prescribed drugs in the medical office is provided.

MAP 1083 **Medical Assistant Internship**

0.0 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.

MAP 2038 **Medical Assisting Laboratory**

4.0 Credits

Introduces basic, routine laboratory skills and techniques for collection, handling, and examination of laboratory specimens often encountered in the ambulatory care setting.

MAP 2040 Medical Assisting Clinical Skills

4.0 Credits

Provides hands on experience with clinical skills required in medical offices. Delivers theory and skills presentations allowing for students to properly demonstrate techniques for a variety of medical needs.

MAP 2069 Review for Medical Assistant National Exam

1.0 Credit

Prepares the candidate sitting for the National Registration/Certification examination for Medical Assistant through review and practice. These examinations are given with the intent of evaluating the competency of entry-level practitioners in Medical Assisting, supporting quality care in the office or clinic.

Multimedia Graphic Design

MGD 1001 Introduction to Computer Graphics

3.0 Credits

Introduces the student to the computer system and software used to develop graphics. The student will learn the hardware and software components for publication and multimedia production through execution in various vector, raster, page layout and multimedia programs. Students will be introduced to career opportunities within graphics fields.

MGD 1002 Introduction to Multimedia

3.0 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.

MGD 1004 Videography

3.0 Credits

Offers an introduction to the principles and techniques of videotape production, including camera operation, basic script writing, lighting, sound and basic digital editing. Detailed examination of the pre-production, production, and post-production processes, as well as aesthetics, will be included.

MGD 1011 Adobe Photoshop I

3.0 Credits

Concentrates on the high-end capabilities of Adobe Photoshop as an illustration, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos, graphics and videos. Course competencies and outline follow those set out by the Adobe Certified Associate exam in Visual Communication Using Adobe Photoshop.

MGD 1012 Adobe Illustrator I

3.0 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.

MGD 1013 Adobe InDesign

3.0 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.

MGD 1033 Graphic Design I

3.0 Credits

Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures

MGD 1041 Web Design I

3.0 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.

MGD 1043 Motion Graphic Design I:(Software)

3.0 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.

MGD 1056 Emergent Media Practices

3.0 Credits

Explores techniques and approaches in the latest delivery methods for web, mobile, and emergent media communication. Students explore digital media outlets such as blogs, podcasts, e-zines and social networks. Concepts in video production, photography, journalism, marketing, advertising, public relations, editing and relevant skills necessary for agile mass communication are introduced. Students create communication pieces for internet-based, mobile, and emergent media.

MGD 1064 Digital Video Editing I

3.0 Credits

Introduces to digital non-linear video editing. Students will capture, compress, edit, and manipulate video images using a personal computer. Assembly techniques including media management, editing tools, titles, and motion control; transitions and filters, and special effects are explored.

MGD 2033 Graphic Design II

3.0 Credits

Continues instruction in idea development for advanced graphic design

MGD 2064 Digital Video Editing II

3.0 Credits

Looks at the more complex and advanced techniques of digital video editing. Areas of editing such as masking, filtering, blue/green screening, track mattes, and image mattes will be examined. Students will produce a movie project in this class and discuss practical ways to distribute to various audiences.

Music

MUS 1000 Music Theory Fundamentals I

3.0 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.

MUS 1020 Music Appreciation: GT-AH1

3.0 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.

MUS 1021 Music History Medieval thru Classical: GT-AH1

3.0 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.

MUS 1022 Music History Early Romantic Period to the Present: GT-AH1

3.0 Credits

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.

MUS 1023 Survey of World Music: GT-AH1

3.0 Credits

Provides an overview of non-Western music from around the world; provides basic listening skills and the historical/cultural context for a variety of world music styles to enable an understanding and appreciation of non-Western musical expression. This course is one of the Statewide Guaranteed Transfer courses. GT-AH1

MUS 1025 History of Jazz: GT-AH1

3.0 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 a jazz music vocabulary. This is a statewide Guaranteed Transfer course in the GT-AH1 category.

Nail Technician

NAT 1010 Introduction to Nail Care

3.0 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.

NAT 1011 Intermediate I Nail Care

2.0 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.

NAT 2010 Advanced Nail Care

2.0 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.

NAT 2011 Application of Nail Enhancements

7.0 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.

Nursing

NUR 1001 Pharmacology Calculations

1.0 Credit

Prepares nurse to provide safe, patient-centered nursing care related to dosage calculations within the respective scope of practice. This course introduces critical thinking applied to dosage calculations and communication used when interacting with patients and members of the healthcare team related to various aspects of safe administration of medications. Information technology used to document medications administered and patient technology used to deliver medications are also practiced.

NUR 1006 Medical Surgical Nursing Concepts

15.0 Credits

NUR106 is the first medical/surgical nursing course. Building on NUR109, this course provides for the acquisition of basic medical/surgical nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered care to a developmentally and culturally diverse adult patient population experiencing various medical/surgical interventions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings.

NUR 1009 Fundamentals of Nursing

19.0 Credits

Fundamentals of Nursing (NUR 1009) introduces the fundamental concepts necessary for safe, patient-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities of the nurse. Introduces caring, critical thinking, the nursing process, quality improvement, and communication used when interacting with patients and members of the interdisciplinary team, and relates evidence-based nursing practice. Application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings providing care to stable patients with common health alterations.

NUR 1012 Basic Concepts of Pharmacology

6.0 Credits

Overview of the basic principles of pharmacology including major drug classifications and prototypes of commonly used medications. Principles of medication administration include aspects of best practice for safe, quality, patient-centered care. Central points include safety, quality improvement factors in the administration of medications, patient teaching, and variations encountered when administering medications to diverse patient populations across the lifespan.

NUR 1050 Maternal - Child Nursing

7.0 Credits

Nursing 150 provides for the acquisition of maternal/child nursing theory, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, family-centered nursing care to childbearing families and children that is developmentally and culturally appropriate. Incorporates evidence-based practice, standards of practice, quality improvement, and legal and ethical responsibilities of the nurse. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of maternal/child and pediatric clinical settings.

NUR 1069 Transition into Practical Nursing

4.0 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.

NUR 1089 Transition from LPN to ADN

3-4 Credits

Facilitates transition of the LPN to new roles and responsibilities of the ADN, the nursing process, critical thinking, legal and ethical issues in nursing practice, and the nursing care of childbearing families and pediatric clients. Application of knowledge and skills occurs in the laboratory and maternal/ child and pediatric clinical settings.

NUR 2002 Transition from LPN to Professional Nursing

2.0 Credits

Lab Credit: 0.5 Clinical Credit: 0.5 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 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.

NUR 2006 Advanced Concepts of Medical-Surgical Nursing I

6.5 Credits

Advanced Concepts of Medical-Surgical Nursing I builds on Medical Surgical Nursing Concepts focusing on advanced concepts of nursing applied to care of patients with high acuity medical/surgical conditions. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient-centered nursing care to developmentally and culturally diverse adult patients. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in a variety of healthcare settings. Application of knowledge and skills occurs in the nursing skills laboratory and in a variety of clinical settings.

NUR 2011 Psychiatric-Mental Health Nursing

3.0 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.

NUR 2012 Pharmacology II

2.0 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.

NUR 2016 Advanced Concepts of Medical-Surgical Nursing II

5.0 Credits

Nursing 2016 is a continuation of Nursing 206, focusing on complex medical/ surgical conditions of the high acuity patient. Builds on medical/surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical reasoning necessary for safe, patient- centered nursing care to developmentally and culturally diverse adult patients experiencing high acuity medical/surgical conditions. Incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse as applied in the acute care and high acuity settings. Application of knowledge and skills occurs in a variety of clinical settings.

NUR 2030 Transition to Professional Nursing Practice

4.0 Credits

Nursing 230 is a seminar and practice capstone course that provides an integrative experience applying all dimensions of the professional nurse in the care of diverse patient populations across a variety of healthcare settings. All major concepts of the nursing program are addressed. Leadership and the management of multiple patients are emphasized. Application of knowledge and skills occurs in the clinical setting to facilitate an effective transition from student to registered professional nurse.

NUR 3001 Integration into Baccalaureate Nursing Practice

3.0 Credits

Explores professional nursing practice at the baccalaureate level. The course focuses on knowledge and understanding of the professional nursing standards and the nursing role at a baccalaureate level.

NUR 3002 Trends in Nursing Practice

3.0 Credits

Examines current issues that nurses encounter in the health care environment including their roles and responsibilities within the nursing profession.

NUR 3003 Nursing Research / Evidence Based Practice

3.0 Credits

Analyzes concepts associated with nursing research, collection, and analysis of data with emphasis on integration of evidenced-based practice within nursing. The course develops the skills for critiquing published research.

NUR 3004 Informatics / Healthcare Technology

3.0 Credits

Explores concepts and applications related to the nurse's role in utilizing healthcare informatics involving patient care technology. This course will explore the impact of information management systems on the delivery of patient care, healthcare teams, and health outcomes.

NUR 3005 Emergency Preparedness

3.0 Credits

Focuses on the nurse's roles and responsibilities in the most common types of disasters and how the nurse can deliver effective care in various emergency situations.

NUR 3007 Behavioral Health

3.0 Credits

Provides an overview of behavioral health promotion for individuals, families, and populations with behavioral health concerns. The focus of the course will explore the nurse's impact on behavioral health trends.

**NUR 4008 Legal and Ethical Issues Related to
Professional Nursing Practice**

3.0 Credits

Emphasizes the ethical and legal obligations of professional nursing practice. The focus is on values clarification, ethical theory, and ethical decision making models. Additionally, legal issues related to healthcare will be explored.

NUR 4009 Leadership in the Nursing Profession

3.5 Credits

Focuses on the role of the professional nurse as a leader within healthcare. The course integrates concepts needed to assume leadership and management positions in the healthcare environment.

NUR 4010 Community Health Nursing/Practicum

17.0 Credits

Focuses on the role of the professional nurse in community-based practice settings, with an emphasis placed on health promotion, prevention, and optimal wellness of the community.

NUR 4011 Senior Seminar

3.0 Credits

Integrates theory into practice by building on previous concepts and knowledge.

Nursing Assistant

NUA 1001 Nurse Aide Health Care Skills

4.0 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.

NUA 1002 Certification Exam Prep- Nurse Aide

0.5 Credits

Helps prepare the student for the National Nurse Aide Assessment Program (NNAAP) examination.

NUA 1070 Nurse Aide Clinical Experience

18.0 Credits

Applies knowledge and skill gained in NUA 1001 to patient care.

Occupational Safety Technician

OSH 1310 10-HR Construction Industry Standards

1.0 Credit

Provides a 10-Hour OSHA certification course for the construction industry and participants will review the current OSHA standards contained in 29 CFR 1926. Participants that complete the course will receive a certificate of completion from the United States Department of Labor, Occupational Safety and Health Administration. The course is taught by instructors certified by the Occupational Safety and Health Administration.

Philosophy

PHI 1011 Introduction to Philosophy: GT-AH3

3.0 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.

PHI 1012 Ethics: GT-AH3

3.0 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.

PHI 1013 Logic: GT-AH3

3.0 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.

PHI 1014 Comparative Religions: GT-AH3

3.0 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 its worldview and teachings. This is a statewide Guaranteed Transfer course in the GT-AH3 category.

PHI 1015 World Religions-West: GT-AH3

3.0 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.

PHI 1016 World Religions-East: GT-AH3

3.0 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.

PHI 2005 Business Ethics: GT-AH3

3.0 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.

PHI 2014 **Philosophy of Religion: GT-AH3**

3.0 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.

PHI 2018 **Environmental Ethics: GT-AH3**

3.0 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.

Physical Education

PED 1001 **Conditioning Lab**

1.0 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.

PED 1002 **Weight Training**

3.0 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. 30 Contact Hours

PED 2010 **Archery**

3.0 Credit

Introduces the use of archery equipment, the basic skills, safety precautions, and rules of archery.

PED 2037 **Varsity Sports**

1.0 Credit

Allows the student-athletes an opportunity to participate in a competitive varsity sports program.

Physics

PHY 1105 **Conceptual Physics with Lab: GT-SC1**

4.0 Credits

Focuses on mechanics, heat, properties of matter, electricity and magnetism, and light. Incorporates laboratory experience. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 1111 **Physics: Algebra-Based I with Lab: GT-SC1**

19.0 Credits

Covers the physics of mechanics and requires application of classical physics to both mathematical and conceptual problems. Major topics include kinematics in one and two dimensions, Newton's Laws, circular motion, work and energy, impulse and momentum, and rotational mechanics. This course may also include topics relating to simple harmonic motion and traveling and standing waves. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 1112 **Physics: Algebra-Based II with Lab: GT-SC1**

5.0 Credits

Covers the physics of electricity and magnetism and requires application of classical physics to both mathematical and conceptual problems. DC circuits involving resistors, capacitors, and batteries will be covered. Also covered are electromagnetic waves and geometric optics. This course may also include topics relating to simple harmonic motion, traveling and standing waves, and AC circuits. This is a statewide Guaranteed Transfer course in the GT-SC1 category.

PHY 2111 Physics: Calculus-Based I with Lab: GT-SC1

17.0 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.

PHY 2112 Physics: Calculus-Based II with Lab: GT-SC1

14.0 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.

PHY 2113 Physics III: Calculus-Based Modern Physics

3.0 Credits

Expands upon PHY 2112 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.

Political Science

PSC 1011 American Government: GT-SS1

3.0 Credits

Explores the origins, development, structure, and functions of the American Constitution and national government. This course examines federalism, civil liberties, civil rights, electoral processes, and mechanisms of civic participation and influence. This is a statewide Guaranteed Transfer course in the GT-SS1 category.

PSC 1025 American Government: GT-SS1

3.0 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.

PSC 2005 International Relations: GT-SS1

3.0 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.

PSC 2020 Introduction to Political Science: GT-SS1

3.0 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.

Psychology

PSY 1001 General Psychology I: GT-SS3

3.0 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.

PSY 1002 General Psychology II: GT-SS3

3.0 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.

PSY 2107 Human Sexuality: GT-SS3

3.0 Credits

Surveys physiological, psychological, and psychosocial aspects of human sexuality. Topics include relationships, sexual identity, and sexual health. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2221 Social Psychology: GT-SS3

3.0 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.

PSY 2222 Psychology of Death and Dying: GT-SS3

3.0 Credits

Examines philosophies of life and death emphasizing dying, death, mourning, and the consideration of one's own death. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2331 Positive Psychology: GT-SS3

3.0 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.

PSY 2333 Health Psychology: GT-SS3

3.0 Credits

Focuses on an overview of the scientific study of attitudes, behaviors, and personality variables related to health, illness, and bodily systems. The course emphasizes the interaction of biological, psychological, and social factors that cause illness and influence its treatment and prevention. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

PSY 2440 Human Growth and Development: GT-SS3

3.0 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.

PSY 2441 Child Development: GT-SS3

3.0 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.

PSY 2552 Abnormal Psychology: GT-SS3

3.0 Credits

Examines abnormal behavior and its classification, causes, treatment, and prevention. This is a statewide Guaranteed Transfer course in the GT-SS3 category.

Range Management

RAM 2005 Range Management

3.0 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.

Recreation

REC 1020 Intro to Sport Management

3.0 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.

REC 2010 Principles of Outdoor Recreation

3.0 Credits

Includes lecture and practical outdoor experience relating to problems and trends in outdoor recreation.

REC 2020 Social Recreation and Leadership

3.0 Credits

Enables the student to study effective leadership methods and techniques used in social recreation programming. Students experience actual settings of appropriate activities in community organizations with different age groups.

REC 2021 Recreational Skills

15. Credits

Focuses on skills necessary to organize effectively and conduct various recreation activities for the recreation major. Covers sports and games, community centers, fine arts, and playground skills.

Sociology

SOC 1001 Introduction to Sociology I: GT-SS3

3.0 Credits

Examines the basic concepts, theories, and principles of sociology as well as human culture, social groups, and the social issues of age, gender, class, and race. This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

SOC 2018 Sociology of Diversity: GT-SS3

3.0 Credits

Explores the variety of intergroup relations regarding race, nationality, ethnicity, gender, sexual orientation, and other diversity issues. Patterns of prejudice, discrimination and possible solutions to these issues will be addressed. This course is one of the Statewide Guaranteed Transfer courses. GT-SS3

Science

SCI 1055 Integrated Science I - Physics and Chemistry with Lab: GT-SC1

5.0 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.

SCI 1056 Integrated Science II - Earth and Life Science

3.0 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.

Spanish

SPA 1012 Spanish Language II

5.0 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.

SPA 2011 Spanish Language III: GT-AH4

3.0 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.

SPA 2012 Spanish Language IV: GT-AH4

3.0 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.

Theater

THE 1004 Basic Costume and Apparel Construction

3.0 Credits

Provides students with training in cutting and sewing techniques, as well as knowledge of fabric types, qualities, uses, and cleaning.

THE 1005 Theatre Appreciation: GT-AH1

3.0 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.

THE 1008 Theatre Script Analysis: GT-AH1

3.0 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.

THE 1011 Acting I

3.0 Credits

Covers basic acting techniques and approaches including scene study, improvisation, and script analysis. It includes practical application through classroom performance.

THE 1016 Technical Theatre

3.0 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. 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.

THE 1029 Introduction to the Entertainment Industry

3.0 Credits

Teaches the student an overview of what the Entertainment Industry is and what skill sets are required to enter this field.

THE 1031 Theatre Production I

3.0 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.

THE 1032 Theatre Production II

3.0 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.

THE 1052 Production Stage Management I

3.0 Credits

Focuses on the basics of stage management, including making a stage manager's book, organizational methods and protocols of production, calling cues in production and personnel relationships and responsibilities.

THE 2000 Paint/Draw/Rende/Model Techs

3.0 Credits

Lecture/ Introduces art techniques that are needed specifically in Theatrical Design. Techniques will include painting, rendering of scenic, lighting, costume designs, and model construction techniques.

THE 2011 Development of Theatre Greek-THE 2011 Renaissance: GT-AH1

3.0 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

THE 2012 Development of Theatre Restoration to Modern: GT-AH1

3.0 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.

THE 2015 Playwriting: GT-AH1

3.0 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.

THE 2016 Theatre Lighting and Design

3.0 Credits

Focuses on the theory and practice of stage lighting. Topics include basic electrical theory, color theories, rigging and design of lighting for the performing arts.

THE 2021 Set Design for Film and Theatre

3.0 Credits

Emphasizes two- and three-dimensional drawing and designs and color theory. Students construct 3-D models and a theatrical stage set.

THE 2031 Theatre Production III

3.0 Credits

Studio Art Credit: 3 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.

THE 2041 Stage Properties

3.0 Credits

Lecture/ Offers the fundamentals of set dressing/stage properties theory and practice, including plot design, period style, set props, hand props, production paperwork and scene changes.

THE 2050 Practical Theatre Technologies

3.0 Credits

Trains students in basic applications utilizing specific technologies used in modern theatrical production. The course emphasizes working with electricity and electronics (including basic soldering), basic computer- aided design, basic computer networking for sound and lighting, and troubleshooting concepts applied to contemporary theatre technologies.

THE 2062 Production Stage Management

3.0 Credits

Examines the practical and creative side of Production Stage Management from a participatory stance by serving as the Production Stage Manager for a current PPCC production. Participation in this course is subject to an interviewing process with the Show's Director/Producer and is limited to just one student per semester. Interviews will start as much as three months before the semester of enrollment and may last through the first week of the semester of enrollment. This course is a continuation of THE 261.

Unmanned Aircraft Systems

UAS 1050 Unmanned Aircraft Systems and Safety: UAS Foundations

3.0 Credits

Provides an understanding of the capabilities and limitations of Unmanned Aircraft Systems (UAS) technologies to including the hardware and software configurations and gain a holistic view of concerns facing UAS integration into the National Airspace System.

UAS 1051 Unmanned Aircraft Systems and Safety: UAS Applications

3.0 Credits

Provides an understanding of how Unmanned Aircraft Systems (UAS) are used to accomplish a variety of tasks in complex environments and how remote pilots apply UAS technology for commercial, scientific, and governmental purposes while respecting both physical and regulatory limitations. The course provides a foundation of professionalism and ethics applicable to remote pilots.

UAS 1052 Unmanned Aircraft Systems and Safety: UAS Personnel

3.0 Credits

Provides an understanding of limits and skills employed by remote pilots in identifying and mitigating errors. Human error and skills used to detect and stop errors during the day-to-day execution of remote pilot tasks are addressed. This course surveys the concepts of decision-making bias, stress, and methods for safely identifying and mitigating risk while making decisions.

UAS 1053 Unmanned Aircraft Systems and Safety: Safety Management

3.0 Credits

Introduces Unmanned Aircraft Systems (UAS) pilots to a management system and culture that is fundamental to the aviation industry. The four pillars of safety management will be presented: safety policy, risk management, safety assurance, and safety promotion. This course will address the process of incorporating these principles into UAS operations. 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.

Welding

WEL 1002 Oxy-fuel Joining Processes

4.0 Credits

Covers Oxy-fuel joining operations.

WEL 1013 Oxyfuel and Plasma Cutting

2.0 Credits

Outlines the skills needed to set up equipment and perform cutting and gouging operations utilizing the oxyacetylene and plasma arc cutting processes.

WEL 1021 Structural Welding I

3.0 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 Structural Welding II

3.0 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 Gas Tungsten Arc Welding I

4.0 Credits

Covers Gas Tungsten Arc Welding (GTAW) operations in various positions and joint designs.

WEL 1025 Introduction to Gas Metal Arc Welding

4.0 Credits

Covers welding in all positions and on various joint configurations using the GMAW (mig) welding process on carbon steel, stainless steel and aluminum. Student should be familiar with basic metallurgy pertaining to the weldability of metals, structural joints, and safety in the welding industry.

WEL 1035 TIG Welding for Gunsmiths

2.0 Credits

Introduces the gunsmithing student to basic TIG welding practices.

WEL 2003 Flux Cored Arc Welding I

4.0 Credits

Covers Flux Cored Arc Welding (FCAW-S) operations utilizing self-shielded wire in various positions and joint designs.

WEL 2024 Gas Tungsten Arc Welding II

4.0 Credits

Covers Gas Tungsten Arc Welding (GTAW) operations utilizing a variety of base metals and advanced joint designs.

WEL 2030 Pipe Welding I

4.0 Credits

Covers pipe welding operations utilizing the Shielded Metal Arc Welding (SMAW) process in a variety of positions on carbon steel.

WEL 2031 Pipe Welding II

4.0 Credits

Covers pipe welding operations utilizing various processes and positions.

RIGHTS AND LEGAL NOTICES

Rights Reserved

The college reserves the right to change any provision or requirement of this catalog, including academic calendar dates, tuition and fees pursuant to law, the rules of the State Board for Community Colleges and Occupational Education or the Colorado Community College System or college policy.

The college reserves the right to cancel any course or program described in this catalog, at any time, without notice, and to change any other aspect of any course or program.

The college reserves the right to require a student to withdraw at any time for health or other reasons, pursuant to appropriate policies and procedures, and to impose sanctions, according to established policy. Any admission based on false statements or documents may be grounds for dismissal and loss of all credit for work that may have been completed.

Voter Registration

Trinidad State College supports and advocates that students register to vote. Voter registration forms are available on the Colorado Secretary of State website at <https://www.sos.state.co.us/voter/pages/pub/olvr/verifyNewVoter.xhtml>

There is also a paper form that can be selected and mailed to the Secretary of State's office. The URL for the paper form is: <https://www.sos.state.co.us/pubs/elections/vote/VoterRegFormEnglish.pdf>

Students have three ways in which they can register to vote:

- Submitting an application through the mail, a voter registration agency, a local driver's license examination facility, or the on-line voter registration system through the eighth day prior to an election; except that, if the eighth day before an election is a Saturday, Sunday, or legal holiday, the elector is permitted to register on the next day that is not a Saturday, Sunday, or legal holiday;
- Appearing in-person at the elector's county clerk and recorder's office at any time during which registration is permitted at the office; or
- Appearing in-person at a voter service and

polling center at any time during which the voter service and polling center is open, including on Election Day.

- To register on campus, please contact the Special Populations office in the Valley Campus Welcome Center or Berg 209 on the Trinidad Campus. For more information about voter registration call 719-846-5014 or 719-589-7061.

Title IX Compliance Officer

TSC does not unlawfully discriminate on the basis of race, color, religion, national origin, sex, age, or disability in admission or access to, or treatment, or employment in its educational programs or activities. Inquiries may be referred to:

TSC Title IX Human Resources Director Trinidad Campus, Berg Building, Trinidad, Colorado 81082 (719) 846- 5538, Valley Campus, Room 112 Main Building, Alamosa, Colorado, 81011 (719) 589-7050, or Director of Affirmative Action for the Colorado Community College System, 9101 East Lowry Boulevard, Denver, CO 80230 (303) 595-1552, or to the Office for Civil Rights, U.S. Department of Education, Region VIII, Cesar E. Chavez Memorial Building, 1244 North Speer Blvd., Suite 310, Denver, CO 80204; phone: 303-844-5695. Email: ocr.denver@ed.gov.

Student Bill of Rights

The General Assembly of the State of Colorado 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:

- d. 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;
- e. 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;
- f. Students have a right to clear and concise information concerning which courses must be completed successfully to complete their degrees;

- g. Students have a right to know which courses are transferable among the state public two-year and four- year institutions of higher education;
- h. 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;
- i. Students have a right to know if courses from one or more public higher education institutions satisfy the students' degree requirements;
- j. 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 be transferable.

Campus Safety

Students and employees are to report criminal actions or other emergencies occurring on campus to the local Police Department and Vice President of Student Services - Berg 201 or Vice President of Operations on the Valley Campus - Room 104.

The College provides security on each campus. Students and staff are encouraged to report any crimes to Security personnel or the Valley Campus Vice President or Trinidad Campus Vice President of Student Services or the respective police departments in each community. All crime victims and witnesses are strongly encouraged to immediately report the crime to campus security and the appropriate police agency.

The College campus is open during normal work hours, as defined (8:00 AM - 5:00 PM). After hours, College personnel have limited access to facilities as needed. Any student or college personnel desiring use of college facilities beyond the normal work hours must schedule through facilities by calling 719-846-5618.

**Student Right-To-Know and Campus Security Act
Campus Policies Regarding Student Right-to-Know**

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. Those points include:

- 10. The college graduation and/or completion rate for its full time degree seeking students: The rate for first-time, degree- seeding students who enrolled at TSC in the **Fall of 2014** and who

graduated or transferred to a Colorado 2 year or 4 year institution by the fall of 2016 is 45 percent. This does not include students who continue to be enrolled at TSC.

- 11. The college retention rate for its degree-seeking students: The retention rate for the 2015 cohort returning in 2016 was 55 percent.

Crime Statistics

The Office of Student Services prepares an Annual Security Report to comply with the Jeanne Clery Disclosure of Campus Crime Statistics Act and the Violence Against Women Act. The full text of the report can be found on TSC's website at [Annual Security and Fire Safety Report.](#) This report is prepared in cooperation with local law enforcement agencies surrounding our campuses, the housing office, the Valley Campus and the Vice President of Student Services. Each entity provides updated information on their efforts and programs to comply with Federal requirements.

The Annual Security Report is required by Federal law and contains statements and crime statistics for TSC. The statements address TSC's policies and procedures concerning safety, prevention and security. Three years' worth of statistics are included for certain types of crimes that were reported to have occurred on campus, in or on off-campus buildings or property owned or controlled by the school and on public property within or adjacent to the campuses. This report is available online at [Annual Security and Fire Safety Report.](#) You may also request a paper copy of the report from the Student Services Office on the Trinidad Campus or the Student Services Office on the Valley Campus.

Campus crime, arrest and referral statistics include those reported to Campus Security, designated campus officials (including but not limited to directors, deans, department heads, and designated staff), Campus Security Authorities and local law enforcement agencies. Each year, an email notification is made to all enrolled students that provides the web site link to access this report. Faculty and staff receive similar notification. Copies of the report may also be obtained at the TSC Office of Student Services. All prospective employees may obtain a copy from Human Resources or by calling (719) 846-5458.

Fire Safety Report

The annual Fire Safety Report compliance document is available within the Annual Security Report and is available online at [Annual Security and Fire Safety Report](#) or you may request a copy by calling the Office of Student Services at 719-846-5458.

Per federal law, TSC is required to annually disclose statistical data on all fire and fire safety procedures that occur in on-campus student housing facilities. The Annual Campus Security and Fire Safety Report contains information regarding campus security and personal safety including topics such as: crime prevention, fire safety and other matters related to safety on campus.

Grievance Procedure

Colorado Community College System President's Procedure (SP 4-31) and State Board Policy (BP 4-31) outline the Student Grievance Procedure for TSC. The Student Grievance Procedure is intended to allow students an opportunity to present an issue which they feel warrants action, including the right to secure educational benefits and services.

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, please refer to SP 4-31a. If the respondent is a CCCS employee, please refer to SP 3-50a.

All complaints shall be made as promptly as possible after the occurrence. Complaint forms and filing information can be found in the Admissions Office on each campus and by contacting the Vice President of Student Services. A delay in reporting may be reasonable under some circumstances; however, an unreasonable delay in reporting is an appropriate consideration in evaluating the merits of a complaint or report.

Trinidad State College Student Code of Conduct

Conduct that violates student rights and freedoms and is subject to disciplinary action includes, but is not limited to:

1. **Academic Misconduct:** 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 disciplinary action as outlined in the Trinidad State College disciplinary procedures.

2. **Disruptive Behavior:** Engaging in any disruptive behavior that negatively affects or impedes teaching or learning (regardless of the mode of delivery or class setting); or disrupts the general operation of Trinidad State College.
3. **Deceitful Acts:** Engaging in deceitful acts, including, but not limited to: forgery, falsification, alteration, misrepresentation, non-disclosure, or misuse of documents, records, identification and/or educational materials.
4. **Conduct that is Detrimental to College or to Safety:** Conduct that is deemed detrimental, harmful and/or damaging to Trinidad State College and/or that jeopardizes the safety of others as determined by the Chief Student Services Officer. Examples include, but are not limited to, slamming doors, throwing chairs, and/or defacing of college property.
5. **Physical/Non-physical Abuse:**
Physical abuse or conduct that threatens or endangers another person's health or safety.

Non-physical abuse, threats, intimidation, coercion, influence, or any unwelcome conduct in any form that is sufficiently severe, pervasive or persistent that it alters the conditions of the learning environment or employment.

Knowingly falsifying, publishing or distributing, in any form, material that tends to impeach the honesty, integrity, virtue or reputation of another person.
6. **Harassment and/or Discrimination:** Discrimination or harassment on the basis of sex/gender, race. Color, age, creed, national or ethnic origin, physical or mental disability, veteran status, pregnancy status,

religion or sexual orientation.

activities offered by Trinidad State College.

7. **Sexual Misconduct:** Sexual Misconduct offenses include, but are not limited to Sexual Harassment, Non-Consensual Sexual Contact (or attempts to commit same), Non-Consensual Sexual Intercourse (or attempts to commit same), and/or Sexual Exploitation. (See SP 4-120a for more information:
<https://www.cccs.edu/policies-and-procedures/system-presidents-procedures/sp-4-120a-sexual-misconduct/>)
8. **Weapons:** Possession or distribution of any unauthorized firearms, ammunition, explosives, fireworks and/or other dangerous weapons (or chemicals /flammable liquids) or use/threat of use of any instrument (including but not limited to paint ball guns, pellet guns, air soft guns, bow and arrows, knives) as a weapon to intimidate, harass, or cause harm to others.
9. **Narcotics/Alcohol:** 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 Trinidad State College and/or in state owned or leased vehicles.

Note: Although possession and use of marijuana consistent with the requirements of the Colorado Constitution are no longer a crime in the State of Colorado, the possession and use of marijuana remain illegal under federal law. Consistent with federal law, including the Controlled Substances Act and the 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 Trinidad State College and/or in state owned or leased vehicles.

10. **Dress Code:** Dress or personal hygiene that fails to meet the established safety or health standards of specific classes or

11. Leaving Children Unattended:

Leaving children unattended or unsupervised in campus buildings or on campus grounds unless enrolled or participating in authorized campus activities.

12. Violation of Laws, Directives, and

Signage: a. Violating any municipal,

county, state

or federal law that adversely impacts the conditions of the educational or employment environment.

b. Violations of College traffic and parking rules, regulations, or signage.

c. Creating an intentional obstruction that unreasonably interferes with freedom of movement, either pedestrian or vehicular. This includes, but is not limited to leading or inciting to disrupt college activities. Failure to comply with the lawful directives of Trinidad State College employees acting within the scope of their duties, including those directives issued by a Trinidad State College administrator to ensure the safety and well-being of others.

d. Violations of college policies, protocols, procedures or signage.

13. Illegal Gambling: Participation in illegal gambling activities on college owned or college controlled property, and/or any function authorized or supervised by Trinidad State College and/or in state owned or leased vehicles.

14. Unauthorized Entry and/or

Unauthorized Possession: Entry into, or use of any building, room, or other Trinidad State College owned or Trinidad State College controlled property, grounds, or activities without authorized approval. This also includes, but is

not limited to the unauthorized possession, duplication or use of college keys, lock combinations, access codes, and access cards and/or credentials and/or propping open or tampering with doors/windows.

15. Unacceptable Use of College Equipment,

Network or System: Unacceptable uses of any Trinidad State College owned or operated equipment, network or system including, but not limited to: knowingly

spreading computer viruses; reposting personal communications without 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.

16. **Unauthorized Pets/Animals:** Possession of any unauthorized pet or animals and or assistance animals, while on college-owned or college-controlled property.
17. **Tampering with Student Organization, Election, or Vote:** Tampering with the process of any college recognized student organization, election or vote.
18. **Group or Organization Conduct:** Students who are members of a college recognized student organization or group and commit a violation of the Student Code of Conduct may be accountable both as an individual and as a member of the student organization.
19. **Abuse of the Student Disciplinary and/or Grievance Procedure:** Abuse of the Student Disciplinary and/or Grievance Procedure includes, but is not limited to the following:
 - Disruption or interference with the orderly conduct of the student disciplinary / grievance procedure. falsification, distortion, or misrepresentation, or knowingly pursuing malicious, frivolous, or fraudulent charges.
 - Attempting to discourage an individual's proper participation in, or use of, the student disciplinary / grievance procedure.
 - Attempting to influence the impartiality of a participant and/or the student disciplinary / grievance procedure.
 - Harassment (verbal or physical) and/or intimidation of a

participant in the student disciplinary / grievance procedure.

- Failure to comply with directives and/or sanctions imposed under student disciplinary/grievance procedure.
- Influencing or attempting to influence another person to commit an abuse of the student disciplinary / grievance procedure.
- Engaging in retaliatory acts in any form against any person or person(s) involved in the student disciplinary / grievance procedure

20. **Unauthorized Entry into College Events:** Entering or attempting to enter any Trinidad State College sponsored activity without proper credentials for admission.

Family Education Rights and Privacy Act (FERPA)

The Family Education Rights and Privacy Act of 1974, commonly known as FERPA, is a federal law that protects the privacy of student education records. Students have specific, protected rights regarding the release of such records and FERPA requires that institutions adhere strictly to these guidelines. Therefore, it is imperative that the faculty and staff have a working knowledge of FERPA guidelines before releasing educational records.

Privacy: Trinidad State College Notification of Rights under FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. FERPA rights are afforded to students at the time of admission. These rights include:

1. The right to inspect and review the student's education records within 45 days of the date that Trinidad State College receives a request for access. A student must submit to the Admissions and Records Office a written request that identifies the record(s) the student wishes to inspect. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Registrar, they shall

advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights. A student who wishes to ask Trinidad State College to amend a record should write the Registrar, who will notify the college official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the College decides not to amend the record as requested, the College will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to provide written consent before Trinidad State College discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

One exception which permits disclosure without consent is disclosure to College officials with legitimate educational interests. A College official is a person employed by the College in an administrative, supervisory, academic, research, volunteers, or support staff position (including law enforcement unit personnel and health staff); Trinidad State employees' with appropriate access can view student's information found in the student information system – Banner. This access is authorized by the Vice President of Academic Affairs or the Vice President of Student Services and is approved only for the College Employee with a right to perform necessary administrative tasks. In addition, disclosure may be to a person or company with whom the College has contracted as its agent to provide a service instead of using college employees or officials (such as an attorney, auditor, or collection agent); a person serving on the College Board; or state and federal agencies, such as the U.S.

Department of Veterans Affairs, or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. TSC has designated the National Student Clearinghouse as a College official.

A College official (includes TSC advisors for PTK, Alpha Delta Nu Nursing Society, and other honorary or leadership programs) has a legitimate educational interest if the official needs to review education records in order to fulfill his or her professional responsibilities for the College.

Upon request, the college discloses education records, without a student's consent to officials of another school in which a student seeks or intends to enroll, or after enrollment.

The College may share educational records with parents in the following circumstances: for a student who is dependent under I.R.S. tax code; a student under 21 years old who has violated a law or the school's rules or policies governing alcohol or substance abuse; and when the information is needed to protect the health or safety of the student or other individuals in an emergency. Requests from parents to access student information under the tax code should be sent to the Office of the Registrar.

FERPA Annual Notice to Reflect Possible Federal and State Data Collection and Use.

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which your education records and personally identifiable information (PII) contained in such records—including your Social Security Number, grades, or other private information— may be accessed without your consent.

First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities ("Federal and State Authorities") may allow access to your records and PII without your consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or

institution.

Second, Federal and State Authorities may allow access to your education records and PII without your consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

The Colorado Community College System considers the following to be directory information and Trinidad State College staff may disclose this information, without prior consent, to anyone inquiring in person, by phone, or in writing: student name; major field of study; participation in officially recognized activities and sports; Height and Weight if college athlete and high school attended (only for students in officially recognized activities and sports); dates of student attendance, enrollment status (i.e. full-time, three-quarter-time, half-time, less than half-time, withdrawn, graduated or deceased); degrees /certificates and awards student has earned; and the most recent educational institution attended by the student. Directory information is limited to the current academic year only.

Addresses (including mail and e-mail) are considered PII and are not released as Directory Information except for the following:

- Graduation lists released to news media, which may include the student's city of residence.

- Other listings to the news media and college personnel for special awards, honors, and events
- Notification to Phi Theta Kappa Honor Society and other academic honor societies for students who are eligible to be considered for membership.

Additionally, name, address, phone number, date and place of birth, level of education, most recently attended college, field of study, and degree(s) received of students may be released to military recruiters upon request in accordance with the Solomon Amendment. All other information contained in student records is considered private and not open to the public without the student's written consent. Students who do not want their directory / public information released to third parties or students who do not want to be listed in the College online e-Directory should complete a form to suppress directory information available online or at the Registrar's Office or Office of Admissions and Records by the first day of the semester.

All other information contained in student records is considered private and not open to the public without the student's written consent. Students who do not want their directory/public information released to third parties should complete the Request to Prevent Disclosure of Directory Information form to suppress directory information; the form is available online, at the Registrar's Office, or at the Office of Admissions and Records, and must be submitted by the first day of the semester.

The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5901

Fair and Accurate Credit Transactions Act

In accordance with the Fair and Accurate Credit Transactions Act (FACTA) of 2003, TSC adheres to the Federal Trade Commission's (FTC) Red Flag Rule (A Red Flag is any pattern, practice, or specific activity that indicates the possible existence of identity theft.), which implements Section 114 of the FACTA and to the

Colorado Community College System's Identity Theft Prevention and Detection Program, which is intended to prevent, detect and mitigate identity theft in connection with establishing new covered accounts or an existing covered account held by the Colorado Community College System (System or CCCS) or one of its thirteen (13) community colleges, and to provide for continued administration of the Program. If a transaction is deemed fraudulent, appropriate action will occur. Action may include, but is not limited to, canceling of the transaction, notifying and cooperating with law enforcement, reporting to the Student Code of Conduct Office, and notifying the affected parties. For more information on FACTA, Red Flag Rules, and Identity Theft Consumer Information, please see the links provided below.

Federal Trade Commission Statute:

<https://www.consumer.ftc.gov/sites/default/files/articles/pdf/pdf-0111-fair-credit-reporting-act.pdf>

Red Flag Rules: <https://www.ftc.gov/tips-advice/business-center/guidance/fighting-identity-theft-red-flags-rule-how-guide-business>

Identity Theft Consumer Information:

<https://www.consumer.ftc.gov/features/feature-0014-identity-theft>

Sexual Misconduct Procedure

The Trinidad State College community has the right to be free from sexual violence. All members of the CCCS and TSC community are expected to conduct themselves in a manner that does not infringe upon the rights of others.

TSC believes in a zero tolerance policy for sex/gender-based misconduct. When an allegation of misconduct is brought to an appropriate administrator's attention, and a respondent is found to have violated this policy, serious sanctions will be implemented to reasonably ensure that such actions are never repeated.

Colorado Community College System President's Procedure (SP 3-120a) outlines the Sexual Misconduct Procedure. This procedure applies to all Administrators/Professional Technical employees, Faculty and Adjunct Instructors,

Classified employees (TSC employees), students, authorized volunteers, guests and visitors within the Colorado Community College System (CCCS) and Trinidad State College (TSC).

When a complainant(s) and respondent(s) are employees and/or guests or visitors, Trinidad State College will comply with Title VII of the Civil Rights Act of 1964. When a complainant(s) and/or respondent(s) is a student, Trinidad State College will comply with Title IX of the Education Amendments of 1972 (Title IX).

Tobacco-free Buildings

The use of tobacco products, including smokeless tobacco, snuff and chewing tobacco, is allowed only in designated areas and is prohibited in all College buildings and College facilities.

Copyright Information

Article 1, Section 8, of the United States Constitution states, The Congress shall have Power ... To promote the Progress of Science and useful Arts, by securing for limited Times to Authors and Inventors the exclusive Right to their respective Writings and Discoveries.

Title 17 of the United States Code states that copyright protection exists in any original work of authorship fixed in any tangible medium of expression. Works of authorship include literary works, musical works (including any accompanying words), dramatic works (including any accompanying music), pantomimes and choreographic works, pictorial, graphic, and sculptural works, motion pictures and other audiovisual works, sound recordings, and architectural works. With limited exceptions, known as Fair Use (see 17 USC 107 and 108), copyright protection provides exclusive rights to the owner of the copyrighted work.

Trinidad State College is a state system community college governed by the State Board for Community Colleges and Occupational Education. Board Policy's 3-125d and 3-90 outline the college procedures and guidelines

<https://www.cccs.edu/policies-and-procedures/board-policies/bp-3-90-copyrights-and-patents/>

<https://www.cccs.edu/policies-and-procedures/system-presidents-procedures/sp-3-125d-electronic-communications-management-and-retention-procedures-2/>

Summary of Civil and Criminal Penalties for Violation of Federal Copyright Laws

Copyright infringement is the act of exercising, without permission or legal

authority, one or more of the exclusive rights granted to the copyright owner under section 106 of the Copyright Act (Title 17 of the United States Code). These rights include the right to copy, distribute, perform, or display a copyrighted work. In the file-sharing context, downloading or uploading

substantial parts of a copyrighted work without authority constitutes an infringement.

Penalties for copyright infringement include civil and criminal penalties. In general, anyone found liable for civil copyright infringement may be ordered to pay either actual damages or “statutory” damages affixed at not less than \$750 and not more than \$30,000 per work infringed. For “willful” infringement, a court may award up to \$150,000 per work infringed. A court can, in its discretion, also assess costs and attorneys’ fees. For details, see Title 17, United States Code, Sections 504, 505.

Willful copyright infringement can also result in criminal penalties, including imprisonment of up to five years and fines of up to \$250,000 per offense. For more information, please see the website of the U.S. Copyright Office at <https://copyright.gov/>, especially their FAQ’s at <https://copyright.gov/help/faq/>.

Consequences of Misuse

In addition to being in violation of U.S. law, copyright infringement is also in violation of college policy. Individuals who infringe copyrighted materials on Trinidad State College computers or networks are subject to disciplinary action as specified within the Trinidad State College Student Handbook, Electronic Communication Policy and outlined in the Student Code of Conduct. At a minimum, upon receipt of a copyright infringement notification access to the infringing materials will be blocked until such time as the situation has been resolved as per the Student Conduct process.

Legal Alternatives

For legal alternatives to illegal downloading, please see <https://www.educause.edu/focus-areas-and-initiatives/policy-and-security/educause-policy/legal-sources-online>

Notification of Copyright Infringement

To report suspected electronic copyright infringement originating at Trinidad State College, notify the designated agent as per the Digital Millennium Copyright Act (DMCA), Public Law 105-304.

The Security and Information Policy Officer at Trinidad State College is the IT Department:

Email: Support.Desk@trinidadstate.edu or via

U.S. Mail, 600 Prospect, Trinidad, CO 81082

College Plan to Address Copyright Infringement

In order to comply with federal laws and regulations such as the Higher Education Opportunity Act, Trinidad State College employs technology-based deterrents including: bandwidth monitoring to identify the largest bandwidth users, log correlation techniques to match the reported IP address to a likely user, and vigorous enforcement of infringement notifications.

The Student Services Office also educates the Trojan community regarding copyright laws through web-based materials including the Student Handbook.

Trinidad State College periodically reviews the effectiveness of its plan to combat copyright infringement through discussions with the Information Technology Director, Colorado Community College System and the Office of the Vice President of Student Services. Changes to the plan will be made to address any identified issues.

Faculty & Professional Staff

Abeyta, Gaylene

(TRiO Advisor, Career Services & Special Populations, Advising)
B.A., The University of Phoenix

Alderette, Michael

(Computer Technician II)
A.A.S., Trinidad State Junior College
Certificate, Comp TIA A+;

Arrazola, Bernadette

(Academic Support)
A.A., Trinidad State College

Atencio, Amaya

(Coordinator, Outreach & Student Engagement)
A.A., Trinidad State College

Atencio, Yvette

(Human Resources Director)
M.S., Erikson Institute
B.S., Adams State University

Bates, Kaddo

(TRiO Transfer Coordinator, Advisor)
B.S., Colorado State University

Bates, Lynette Robinson

(Vice President of Academic Affairs)
Ed.D., University of Colorado, Denver
M.Ed., Colorado State University
B.S., Colorado State University-Pueblo
A.A., Trinidad State Junior College

Begley, Jerome

(Faculty Construction)

Berry, Marisa

(Success Coach, Title V)
B.A., Colorado Christian University

Boone, Paul

(Faculty History)
Ph.D., University of Nevada, Reno
M.S. University of Nevada, Reno
B.A., Sonoma State University

Brunelli, Jim

(Faculty Auto Service Technology)
A.A.S., Trinidad State Junior College
Certification, Master Automobile Technician

Brydges, Constance

(Faculty Psychology and Sociology)
M.A., Adams State University

Bueno, Penny

(Purchasing & Accounts Receivable Coordinator)
Certificate, Barnes Business College

Burciaga, Alfredo

(Vice President of Student Affairs)
M.A., Colorado State University - Pueblo
B.A., Colorado State University - Pueblo

Busen, Timothy

(Women's Soccer Coach)
B.A., Spring Arbor University
Certificate, Olivet College

Bustos, Justin

(Marketing Coordinator, Public Relations)
M.A., New Mexico Highlands University
B.A., New Mexico Highlands University

Bustos, Karli

(Head Volleyball Coach)
M.A., New Mexico Highlands University
B.A., New Mexico Highlands University

Campbell, Robert

(Faculty Gunsmithing)
A.A.S., Trinidad State Junior College

Cano, Omar

(Director, Residence Life)

Chaparro, Juliana

(Student Support Services)
M.A., Adams State University
B.A., Adams State University

Cotton, Todd

(Director of Communications)
M.S., Adams State University
B.S., Adams State University

Crosson, Nicia
 (Perkins Grant Coordinator and
 Scheduler, Academics)
 B.A., California Baptist University

Diaz, Amy
 (Counselor, Financial Aid)
 A.A., Trinidad State College

DiNero, Annamarie
 (Faculty Nursing)
 M.S., Chamberlain University
 B.S., Colorado State University - Pueblo

Ellenbecker, LaVonne
 (Customer Service Specialist)
 Lakeshore Technical College, WI

Epper, Rhonda
 (President Trinidad State College)
 Ph.D., University of Denver
 M.B.A., University of Denver
 B.S.B.A., University of Denver

Exley, Charles
 (Faculty Welding)
 A.A.S., Trinidad State College

Falin, William
 (Tool Room Manager)

Folda, Michael
 (Head Coach Men's Basketball)
 M.Ed., East Central University
 B.S., Colorado State University - Pueblo
 A.A., Northeastern Junior College

Frank, Santina
 (Faculty Nursing)
 M.S.N., University of Phoenix
 B.A., Trinity University
 A.D.N., Trinidad State Junior College
 L.P.N., Trinidad State Junior College

Freeman, Peter
 (Head Coach Men's and Women's Soccer)
 B.A., Adams State University

Galasso, Nick
 (General Labor I)

Garcia, Jodi
 (Faculty Nursing)
 Ph.D., Walden University
 M.S.N., Walden University
 B.S.N., University of New Mexico
 A.D.N., Trinidad State junior College

Garcia, Ken
 (Custodian I)

Geraci, Carolyn
 (Faculty English)
 M.Ed., University of Houston Victoria
 M.A., University of Houston Clear Lake

Gonzales, Shelby
 (Coordinator of Student Well-Being)
 A.A., Trinidad State College
 A.G.S., Trinidad State College

Haddow, Donna
 (Coordinator, Continuing Education)
 A.A., Trinidad State College
 A.G.S., Trinidad State College

Hamilton, LoriRae
 (Dean of Instruction)
 M.S.N., University of Phoenix
 B.S.N., Texas Tech University

Hammer, Emily
 (Dean of Instruction)
 Ph.D., Texas Tech University
 M.B.A., Texas Tech University
 B.B.A., Texas Tech University

Haslett, Nathan
 (Faculty Nursing)
 M.S.N., Western Governors University
 B.S.N., Grand Canyon University
 A.D.N., Trinidad State Junior College

Heidelberg, Tenika
 (Faculty, English)
 M.A., Eastern New Mexico University
 B.A., Eastern New Mexico University
 A.A., Eastern New Mexico University

Hendricks, Christopher
 (Faculty Nursing)
 M.S.N., Excelsior College
 A.D.N., Excelsior College
 B.M., Curtis Institute of Music

Herbstritt, Michael

(Associate, Physical Plant)

Herbstritt, Terri

(Faculty Psychology)

M.A., Sonoma State University

B.A., Sonoma State University

A.A., Mendocino Community College

Hesslink, Lacy

(Faculty, Nursing)

Holden, Christy

(Registrar)

B.S., University of Oklahoma

Hollingsworth, Leslie

(Administrative Asst. III, Financial Aid)

Hugins, Jennifer

(Women's Basketball Head Coach,
Athletics)

Hutchens, Jennifer

(Counselor, Financial Aid)

B.S., Adams State University

Jolly, Daniel

(Structural Trades II)

Certificate, Trinidad State College

Joseph, Joshua

(Head Coach, Cross Country, Track &
Field)

Kindschuh, Tate

(Director, Las Enforcement Academy)

A.A., Trinidad State College

Kingery, Tanner

(Faculty, Automotive Services)

A.A.S., Trinidad State College

Certificate, Automobile Technician

Kynor, James

(Vice President, Operations and
Workforce Development)

M.A., Boston University

B.A., University of Colorado Colorado
Springs

Laubscher, Daniel

(Accounting Specialist)

B.A., Fort Lewis College

Layton, Jeffrey

(Emergent Campus Academic Pathways
Coordinator)

Lujan, Annette

(Institutional Research Coordinator)

B.A., Adams State University

Malouff, Samantha

(Faculty, Nursing)

B.S.N., Grand Canyon University

A.D.N., Trinidad State College

Mariscal, Jose

(Athletic Trainer)

M.A., Colorado State University – Pueblo

B.A., Colorado State University – Pueblo

Martin, Loretta

(Museum Director)

B.A., Adams State College

A.A., Trinidad State Junior College

Martinez, Patrick

(Faculty, Construction Trades)

Martinez, Theresa

(Manager, Facilities Operation)

Martinez, Victoria

(Director, Title V)

M.A., Arizona State University

B.A., Adams State University

Massarotti, Alicia

(Director, Enrollment Management and
Student Success)

B.A., University of Colorado at Boulder

Maxwell, Desi

(Faculty Assessment Coordinator,
Division Chair)

B.S., CSU Global

A.S., Trinidad State Junior College

A.A., Trinidad State Junior College

McGrew, Jeffrey

(General Labor I, Facilities)

Menendez, Blanca

(Payroll Coordinator/ Accounting/
Refunds)

A.A., Trinidad State Junior College

A.A.S., Trinidad State Junior College

Merchant, Timothy

(Associate, Physical Plant)

Moreno, Krystalee

(Coordinator, Human Resources)

B.A., Adams State College

A.G.S., Pueblo Community College

Newport, Ryan

(Faculty Gunsmithing, Division Chair)

A.A.S., Trinidad State Junior College

Certified Firearms Instructor,

National Rifle Association

Nordgren, Thomas

(Faculty, English)

Ph.D., University of Houston

M.A., University of Minnesota

B.A., San Jose State University

O'Brien, Yvette

(Faculty, Medical Assistant)

A.A.S., Trinidad State College

Certificate, San Luis Valley Area

Vocational School

Ortiz, Richard

(Custodian I, Facilities)

Pacheco, Christian

(General Labor I, Facilities)

Perry, Linda

(Executive Assistant to the President
and Community Liaison)

B.S., University of Colorado, Boulder

Presley, Michelle

(Faculty, Cosmetology)

Paul Mitchell The School, Dallas

Reiling, Ily

(Faculty, Art)

M.A., University of Denver

B.F.A., Metropolitan State University

Reorda II, Joe

(Faculty Theater)

M.F.A., California College of Arts

B.A., Colorado College

Richardson, Joshua

(Accounts Payable and FLAC

Coordinator)

Richardson, LiAnn

(Dean of Instruction)

M.S., Capella University

B.A., Adams State University

A.A., Trinidad State College

Roybal, Alex

(Coordinator, Emergency Management)

Salazar, Ethyn

(Coordinator, Disability Services, Student
Services)

B.A., Adams State University

Salbato, Mike

(Athletic Director)

M.S., Coker College

B.S., Colorado Christian University

A.A.S., Trinidad State College

Samora, Ronda

(Faculty, Cosmetology)

A.A., Trinidad State Junior College

Sanchez, David

(TRiO Retention Specialist)

B.S., Eastern New Mexico University

B.S., Eastern New Mexico University

Sanchez Jr., Robert

(Faculty Welding)

A.A.S., Trinidad State Junior College

Certificate, National Center for

Construction Education and Research

Sandoval, Sarah

(Faculty, Cosmetology)

Schmit, Logan

(Faculty, Gunsmithing)

A.A.S., Trinidad State Junior College

Seamans, Bryce

(Advisor, Student Services & TRiO)

B.S., Calumet College of St. Joseph

A.S., Trinidad State College

A.A., Trinidad State College

Shannon, Nicole

(Director, Adult Education Services)

B.A., Southern Utah University

B.A., Westminster College

E.S.L. Endorsement, Utah Valley

University

Shiveley, Melvin

(Maintenance Operations Coordinator)
Certificate, Trinidad State College

Shiveley, Shannon

(Vice President of Administrative
Services)
M.Ed., Lesley University
B.A., Colorado State University - Pueblo
A.A., Trinidad State College

Simpson-Velardi, Leslie

(Admissions Coordinator, International
Designated School Official, Admissions)

Sisneros, Christina

(Director, Financial Aid)
M.A., Adams State University
B.A., Adams State University

Sloane, Sarah

(Faculty Criminal Justice /Recreation/
Human Perf. & Exercise, Division Chair)
M.S., University of Colorado, CO Springs
M.A., Adams State University
B.A., Franklin Pierce University

Smith, Calvin

(Library Coordinator, Scholar in
Residence)
M.S., Eastern New Mexico University
B.A. Eastern New Mexico University

Sova, Jonathan

(IT, Network and Systems Manager)

Swazo, Stephen

(Head Coach Softball)
B.A., University of Nebraska at Kearney

Trujillo, Claudia

(T-PREP Undergraduate Residency
Coordinator)
M.A., Adams State University
B.A., Adams State University

Velasquez, Micah

(Faculty, Business, Computer Science)
M.B.A., University of Colorado
B.S., Colorado State University
A.A., Trinidad State College

Veyna, Jason

(Head Baseball Coach)
B.A., Colorado State University-Pueblo

Vigil, Amanda

(Controller)
M.B.A., New Mexico Highlands Univ.
B.B.A., New Mexico Highlands University

Vigil, Joseph

(Faculty, Nursing)
M.S.N., Grand Canyon University
B.S.N., Grand Canyon University
A.D.N., Trinidad State College
EMT Certificate, Trinidad State College

Walker, Kevin

(Faculty Biology)
Ph.D., University of Ottawa
B.A., Austin College

Watson-Flores, Leslee

(Faculty Mathematics)
M.A., Ball State University
B.A., Colorado State University - Pueblo
A.A., Trinidad State Junior College

Westerman, Mathilda

(Specialist II, Student Services)
A.G.S., Trinidad State Junior College
Certificate, Trinidad State Junior College
Certificate, San Luis Valley Area
Vocational School

Wiening, Cliff

(Faculty Biology)
M.S., New Mexico State University
B.S., Texas Tech University
A.A.S., Lamar Community College

Wiley, Jack

(Dean of Instruction)
M.A., New Mexico State University
B.S., New Mexico State University
Certificate, National Center for
Construction, Education and Research

Williams, Bobby

(Faculty CIS and Cybersecurity)
M.S.C.I.S., Regis University
B.S., Metropolitan State University of
Denver

Williamson, Ira

(Director, Technology and Instructional
Technology)

A.A.S., Trinidad State Junior College

Williamson, Zachary

(Coordinator of Fiscal Services,
Business Office)

A.A.S., Trinidad State College

Wittler, Mark

(Faculty, Physical & Life Sciences)

D.C., Palmer College of Chiropractic

BS, Kearney State College

Paramedic, Western Nebraska CC

A.S. Southeast Community College

Zverev, Denis

(Faculty, Mathematics)

B.A., Adams State University

A.S., Trinidad State College

**VALLEY CAMPUS PHONE NUMBERS:
Toll-Free 1-800-TSC-1925 (1-800-872-1925) | Local: 719-589-7000**

LOCATION	EXTENSION
Admissions	719-589-7026
Adult Basic Ed	719-846-5640
Advising	719-589-7296
Automotive	719-587-1650
Dean of Instruction CTE	719-589-7064
Dean of Health Sciences	719-846-5524
Bookstore	719-846-5610
Business, Office Technology Program	719-589-7255
Career Services	719-589-7067
Concurrent Enrollment	719-846-5028
Cosmetology Program	719-589-7057
Cross Country/Track & Field Office	719-589-7068
Disability Services	719-589-7067
Diesel Mechanics Program	719-589-7082
Early Childhood Program	719-589-7064
TSC Educational Foundation	719-846-5520
EMT Program	719-589-7077
Financial Aid	719-589-7045
Human Resources	719-846-5534
International Advisor	719-846-5621
Learning Center	719-589-7135
Marketing	719-846-5009
Nursing Program	719-589-7077
Physical Plant	719-589-7039
President's Office	719-846-5541
Registrar	719-846-5550
Recruiter	719-589-7035
Student Life/Activities	719-589-7035
Testing Center	719-846-5621
TRiO Student Support Services	719-589-7063
IT Services/Technical Support	719-846-5663
Veteran's Certifying Official	719-589-7045
Vice President Academic Affairs	719-846-5559
Vice President Administrative Services	719-846-5569
Vice President Student Affairs	719-846-5458
Vice President Valley Campus	719-589-7075
Welding Program	719-589-7062

Non-Emergency Community Contacts: Valley Campus

Alamosa Police Department	719-589-5807
Alamosa County Sheriff	719-589-6608
Alamosa Ambulance Service	719-567-4221
Alamosa Fire Service	719-589-2593
San Luis Valley Medical Center	719-589-2511
Colorado State Patrol	719-589-5807

TRINIDAD CAMPUS PHONE NUMBERS

Toll-Free 1-800-TSC-1925 (1-800-872-1925) | Local: 719-846-5621

LOCATION

LOCATION	EXTENSION
Advising	719-846-5011
Admissions	719-846-5621
Adult Basic Ed. (GED)	719-846-5640
Affirmative Action Officer	719-846-5538
Athletics	719-846-5653
Bookstore	719-846-5610
Business Office	719-846-5542
Concurrent Enrollment	719-846-5028
Dining Services	719-846-5629
Dean of Instruction	719-589-7064
Dean of Health Sciences	719-846-5524
Disability Services	719-846-5014
Educational Opportunity Center	719-846-5689
TSC Educational Foundation	719-846-5520
Financial Aid	719-846-5017
Housing	719-846-5497
Human Resources	719-846-5538
International Advisor	719-846-5621
Student ID's	719-846-5621
Library	719-846-5593
Marketing	719-846-5009
Museum	719-846-5508
Nursing Program	719-846-5524
President's Office	719-846-5541
Physical Plant	719-846-5618
Registrar	719-846-5550
Recruiter	719-589-7035
Student Life/Activities	719-846-5474
Student Success Center	719-846-5011
Testing Center	719-846-5621

Title IX Coordinator	719-846-5538
Transcripts	719-846-5621
TRiO Student Support Services	719-846-5665
Tutoring	719-846-5638
IT Services/Technical Support	719-846-5663
Veteran's Certification Official	719-589-7045
Vice President Academic Affairs	719-846-5559
Vice President Administrative Services	719-846-5569
Vice President Student Services	719-846-5458
Vice President Valley Campus	719-589-7075

Non-Emergency Community Contacts: Trinidad Campus

Trinidad Police Dispatch	719-846-4441
Las Animas County Sheriff's Dept	719-846-2211
Trinidad Ambulance Service	719-846-7360
Trinidad Fire Service	719-846-2432
Mt. San Rafael Hospital	719-846-9213

After Hours and Weekend Support

1-888-800-9198

- Login help for
 - Student Portal
 - D2L
 - CCOnline
- Technical support

Password and login problems

https://trinidadstate.edu/login_help/

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