



NORTHEASTERN
JUNIOR COLLEGE
CATALOG
2024-2025

NORTHEASTERN
JUNIOR COLLEGE

100 COLLEGE AVENUE | STERLING, CO 80751

970.521.6600

[WWW.NJC.EDU](http://www.njc.edu)



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Letter from the President

2024-2025

Greetings from Northeastern Junior College in Sterling, Colorado!

President Mike White

Direct Line (970) 521-6607

Toll Free 1-800-626-4637

www.njc.edu

Email: Mike.white@njc.edu



Welcome to Northeastern!

Thanks for visiting our website! We know that college is a very personal choice, and it must be the right fit for any student. We are very proud of the quality education we offer at the lowest possible cost for our students, and the true campus experience that includes clubs, athletics, equine programs, residence halls and an amazing faculty and staff dedicated to your success! Selecting a college is a major decision, so I encourage you to take a few minutes to look at our virtual tour, or perhaps a few segments of The College Tour, as you research our degree programs and costs. Please come for a visit if you can and let us show you the opportunities that await you at Northeastern! I hope you'll agree that NJC is the place you want to be!

I look forward to having you join our family!

General Information

Commitment to Diversity

Northeastern works to foster a multicultural environment. We believe that a diverse college population allows all students to learn from a wide variety of people. This diversity adds an essential and valuable dimension to the college experience that helps students succeed in the larger world.

Policy of Non-Discrimination and Accommodations

Northeastern is an equal opportunity education institution and does not discriminate based on race, color, national or ethnic origin, religion, age, gender, or sexual orientation. Our programs, activities, and employment are in accordance with the Civil Rights Act of 1964, Title IX of the Educational Amendments, Section 504 of the Rehabilitation Act, the Americans with Disabilities Act of 1990, and the Americans with Disabilities Act Amendments Act of 2008 (ADAAA). Reasonable accommodations will be provided upon request for persons with disabilities. If you are a person with a disability who requires an accommodation to participate in college programs, services, or activities, please contact the Director of the Monahan Learning Center at 970-521-6619.



Goals

- Provide excellence in learning and teaching for transfer, career, technical education, and personal enrichment.
 - Enhance student success and retention by providing comprehensive support services and activities.
 - Offer students opportunities to become well-rounded individuals, embrace diversity, and develop leadership skills.
 - Provide leading technology for instruction and operations.
 - Attract and retain quality employees and provide for their professional growth.
 - Acquire, maintain, and improve college resources and facilities to provide an aesthetic and efficient collegiate environment.
- Assess institutional effectiveness, strive for continuous improvement, and operate with integrity and accountability.
 - Promote the college in a way that enhances enrollment and builds relationships with alumni and donors.
 - Develop relationships and partnerships that enrich the region and contribute to cultural, economic, educational, and social experiences for our students and citizens.

Mission, Vision, Philosophy

Mission

Northeastern Junior College is committed to developing excellence in all of our students by instilling knowledge, advancing skills, and providing opportunities for educational transfer and to enter the workforce successfully.

Vision

To be the college where students come to expand their passion by developing the knowledge, skills, and abilities needed to make their passion their future.

Philosophy

Our passion is your education. Our priority is every student, every class, every day.

DISCLAIMER: Northeastern reserves the right to change, without prior notice, the procedures and policies outlined in this catalog, and to revise college curricula, as may be necessary and desirable. Specifics of enrollment, program/course design, graduation requirements, scholarship awards, residency, tuition and fees, and other matters are subject to change after publication of this catalog. Please check the Northeastern website for periodic updates and most current information at: [Home Page | Northeastern Junior College \(njc.edu\)](http://www.njc.edu).

History

Northeastern is a two-year public community college and became one of 14 community colleges in the Colorado Community College and Occupational Education System in July 1997.

Northeastern is located at the north edge of Sterling, the Logan County seat, 125 miles northeast of Denver on Interstate Highway 76, U.S. Highways 6 and 138, and Colorado Highway 14.

Sterling is a city of approximately 14,000 residents, characterized by strong business, cultural, and professional interests. Anchoring a plains area of primarily agricultural, it provides a trade, education, and health center for a population of more than 50,000.

Primary resources include extensive cattle and wheat operations and dry land and irrigated farming with some production from shallow oil deposits. Sterling also hosts the largest institution operated by the Colorado Department of Corrections.

The history of Northeastern is detailed in challenges, which individuals accepted singly, and in groups to provide this opportunity for continuing education. The college opened in the spring of 1941 because of joint planning and activity by educational leaders and interested citizens.

Formal history began when five members of District No. 12 Board of Education and the Logan County High School Committee filed articles of incorporation as private citizens. At an organizational meeting on May 8, 1941, they selected the following members of the Board of Regents: C. Reeder Phillips, President; Bailey S. Jamison, Vice-President; Dr. James H. Jackson, Secretary; Harold R. Whyman, Treasurer; and H. B. Swedlund, member.

Planners had the benefit of a careful study of junior colleges in Colorado and adjoining states and the strong support of representatives of communities from throughout northeast Colorado, publicly expressed at a mass meeting held in March 1941. Sixty students from 17 northeastern Colorado communities enrolled on September 8, 1941, when the first classes opened as an extension of the public school system. In 1941, before the first classes began, the college received assurances from four-year institutions of higher learning in Colorado guaranteeing the transfer of credits.

A continuing interest has reinforced the values of continuity and initiative as the college has grown. In October 1944, voters of Logan County approved tax support and a junior college district, coextensive with Logan County, was organized under Colorado law providing for the establishment of junior colleges.

The Board of Regents became the Junior College Committee, and shortly thereafter, the school's name became Sterling Junior College.

In 1945, the College Committee purchased a separate 15-acre parcel anchored by the building known as Smith Hall, which was demolished in 1997. Subsequent land additions have brought the total main campus to 25 acres. A 34-acre north campus addition acquired in December 1961 is available for further development of the physical plant. In the fall of 1999, the college acquired an Ag farm for instructional and lab purposes.

The names of two facilities recognize the early and continued contribution of Superintendent of Schools Robert R. Knowles and Principal Charles F. Poole. As Chief Administrative Officer, Mr. Poole served as dean until the College Committee changed the title to the president in 1947. When Poole resigned in 1948, Ervin S. French joined the staff as dean; the title changed to the president when the college administration separated from the public school system in 1953.

In 1950, the college's name changed from Sterling Junior College to Northeastern to reflect a larger service area. Since then, there has been continuing close association with the home community. The years have brought further expansion of the service area, increasing state aid and other sources of financial support.

In 1963, after noting the expanded geographical area to which students transfer, Northeastern filed a comprehensive faculty self-study report as an application for accreditation by the North Central Association of Colleges and Schools. Membership, with accreditation as a two-year college, occurred on April 7, 1964.

Northeastern has offered terminal and vocational programs from its beginning. In recent years, it has received regional and national acclaim for piloting new career and technical programs and inviting industries to cooperate with public school superintendents for occupational programs at both the secondary and post-secondary levels on campus or in neighboring communities.

In November 1996, the voters of Logan County voted to terminate the Logan County tax levy for the college incrementally over three years, thus paving the way for entry into the State System of Community Colleges on July 1, 1997.

Purchased in 2019, the Yuma Campus opened in January 2020 and is committed to providing post-secondary education opportunities to residents of Yuma, CO, and surrounding communities. The addition of this campus enables residents to complete their high school education with a GED, take courses to learn English as a second language, and deliver transferable credit-bearing courses in a variety of subjects. Students can attend certain courses taught on the main Sterling campus via a virtual classroom. For more information, visit [Yuma Campus | Northeastern Junior College \(njc.edu\)](#).

Buildings

Our campus buildings reflect the continuous growth of Northeastern. The main campus is complimented by the nearby Applied Technical Campus. Landscaping, parking facilities, campus lighting, and well-kept streets and sidewalks enhance the campus. The names of several buildings honor persons significantly identified with college history.

Walker Hall, which houses administrative offices, honors James H. Walker, a member of the college committee from 1950 until 1962.

Whyman Hall, a classroom and lab facility, honors Harold R. Whyman, a founding incorporator and past board president.

Beede-Hamil Hall houses agricultural programs and recognizes former college committee members Armory E. Beede and David A. Hamil.

Lebsack-Schmidt Hall, completed in 1976 on the Applied Technology Campus, houses the automotive and diesel technology programs. The building honors former board members Clarence Lebsack and Ellis Schmidt.

The Hays Student Center, named in memory of longtime Dean of Instruction Zane R. Hays, is an activities and services center for students featuring the college bookstore, student government offices, a large ballroom, the Tennant Center of Western Art, recreation space, activities room used by the college and community, and Student Services offices.

The Cosmetology Building supports classroom instruction and practical training in the cosmetology career program.

The E.S. French Hall, named for long-time president Ervin S. French, features the Corsberg Theatre, named in honor of veteran instructor and Humanities Chair Dorothy Corsberg. Its 509 theatre seats, a multi-purpose stage, and workshop rooms complement other classrooms, serving a variety of college academic and career programs. French Hall underwent a complete renovation in 2014-2015.

The Area Vocational Building on the Applied Technology Campus, houses the Industrial Automation and Wind Technology programs. This building houses the Ag Mechanics and some Precision Ag courses.

The Welding Shop, the first building on the Applied Technology Campus, completed in 1969. It originally housed the Farm Machinery Mechanics Program and now serves the welding program. The Welding program will be moving to the Area Vocational Building.

“Chuck Wagon” Cafeteria, adjacent to the Student Center, contains three adjustable-space dining and meeting rooms in addition to the large cafeteria.

Knowles Hall is a former dormitory renovated and expanded in 1992. It houses the Monahan Learning Center (MLC), named for board member and benefactor Rex Monahan, Fire Science and EMS Programs, as well as some athletic coaches' offices.

In June 2021, Adult and Community Education Center or ACE, which includes Adult Basic Education, GED, ESL, and Family Literacy programs, moved to Knowles Hall.

Six Residence Halls at Colorado’s largest residential two- year campus offer housing to 578 students. Residence halls of various size and age offer campus living for men and women with a variety of options including single rooms, double rooms, three-person apartments, as well as two and four-person suites. Some buildings have unique features such as housing of honors students, private restrooms, air conditioning, and gender by wing. Please inquire for details through the college’s housing office.

The Bank of Colorado Event Center opened October 1998. The \$7 million Bank of Colorado Event Center located on the Northeastern campus stands where Jackson Hall previously stood. The almost 60,000 square-foot facility is home to the Plainsmen and Plainswomen varsity athletic teams. This state-of-the art facility includes the 2,000-seat Jackson & Edwards Arena, two wellness centers, two additional full-sized basketball courts, a walking-jogging track, locker rooms, a training room, athletic offices, a ticket office, and large lobby with concession center.

Yuma Campus opened January 2020 to serve Yuma and area residents.

Admission Information

Applying for Admission

Each student desiring admission to Northeastern must present to the Office of Admission the following materials prior to the date stipulated on the college calendar for submission of credentials: a properly completed Application for Admission to Colorado Collegiate Institutions or the application to Northeastern, immunization records or waiver, high school transcript or GED, college transcripts (if attended elsewhere). Students may apply online at Admissions | Open Enrollment at NJC. There is no application fee.

Immunization

Colorado law requires college students born since January 1, 1957, to be immunized against measles, mumps, and rubella. All students, including graduate students, must show proof of immunity if they attend a college or university with on-campus housing.

For all public and non-public post-secondary institutions in Colorado, state law requires that each incoming first-year student residing in student housing or any student who the institution requires to live on campus must submit to Northeastern proof (i.e., a standard certificate indicating immunizations were administered to the student) of immunization, or the student must sign a waiver stating they have reviewed information on meningococcal disease and acknowledge the potential health risks associated with bacterial meningitis or meningococcal disease and have decided to not receive vaccination. If the student is under the age of 18 years, the student’s parent or guardian provides this information.

Official High School Transcript

Official high school transcript must show the date of graduation and be signed by the high school principal, college counselor, or superintendent of schools. GED graduates must submit proof of successful GED test completion.

College Transcripts

Transfer students must submit current official transcripts of all previously attended colleges. Transfer students must also submit high school transcripts. It is the applicant's responsibility to request and authorize officials at previously attended high school(s) or college(s) to send transcripts to Northeastern, to determine their math and English skill levels, and submit college ready ACT or SAT, Accuplacer, or GED scores, and to take college placement testing (when applicable) at the Northeastern Testing Center.

Campus Visits

Visiting campus is crucial in choosing a college and determining if that college is the right fit for you. The Office of Admission at Northeastern invites you to plan a campus visit. Attending a Northeastern Preview Day allows students to visit with other students, meet with faculty, tour campus, have lunch in the cafeteria, and experience the life of a college student.

Plan to visit on a Preview Day, or allow us to tailor a personalized campus experience just for you. Scheduling an individual campus visit allows you to tour campus, visit faculty, and learn about becoming a successful student at Northeastern! To schedule a campus visit or to find more information regarding Northeastern Preview Day, contact the Office of Admission at (970) 521-7000.

Admission Classification

As an open-enrollment institution, all students who are 17 years of age or older may enroll in college credit courses that are part of an academic degree program. Based on individual credentials, students will be classified as either "regular" or "special" students.

Regular Classification

Applies to graduates of accredited high schools or applicants with a General Equivalency Diploma (GED) who may enroll with a part-time or full-time credit load. The college prefers students submit ACT or SAT scores at the time of application.

Concurrent Enrollment Classification

These students take classes for both high school and college credit. This includes concurrent enrollment classes offered at their local high school and classes students may take on the Northeastern campus. To be a concurrent enrollment student, students must work with and receive permission from their local high school for the courses prior to enrolling in a college class. High school students who enroll in Northeastern courses without permission from their local high school will be charged for the class and any associated fees.

Special Classification

Includes non-high school graduates, students graduating from non-accredited high schools, students who have not attained a GED, those who have completed a home school program, or those under 17 years of age. Students may enroll with a part-time or full-time credit load.

Students from home school programs or non-accredited high schools over the age of 17 are initially enrolled as "special" students. Students of home-based education must be compliant with C.R.S. 22-33-104.5. prior to applying to Northeastern. A student may be completing one or more semesters with satisfactory academic performance. Home-schooled students may advance to "regular" status by obtaining passing scores on the Ability-to-Benefit test (Accuplacer).

Students younger than 17 years of age who seek admission must obtain an underage waiver form to enroll in credit classes.

Admission to the college does not guarantee admission to a specific program. In addition to general admission requirements, each student must provide evidence of adequate background to successfully pursue the program in which they wish to enroll. Admission to one program does not automatically satisfy entrance requirements for other courses of study. Professional counselors and academic advisors are available to assist students in this evaluation process before the selection of a program or transfer from one program to another.

Admission Classification

Northeastern Junior College classifies students by the following categories:

- Freshman: a student who has earned fewer than 30 academic semester credit hours.
- Sophomore: a student who has earned 30 or more academic semester credit hours.

Student Classification

Northeastern Junior College classifies students by the following categories:

- Full-time student: a student registered for 12 or more credit hours per semester.
- Part-time student: a student registered for under 12 credit hours per semester.

Tuition and Fees

Tuition and fees are determined by the number of college credits for which a student registers and the residential tuition classification of the student. The most current fee schedule is available at [Tuition Costs | Northeastern Junior College \(njc.edu\)](#).

Residential Tuition Classification

Colorado state tuition classification is governed by state law (Colorado Revised Statutes §23-7-101, et seq., 1998) and by judicial decisions that apply to all public institutions of higher education in Colorado. The Director of Admission is the College's Tuition Classification Officer (TCO) and determines residency status for tuition purposes as prescribed by Colorado State law. The complete tuition classification guidelines can be located on the Colorado Commission on Higher Education website: [Residency Requirements | Higher Education \(colorado.gov\)](#).

In-state status for tuition purposes requires the domicile (legal, primary residence) of a qualified person in Colorado for the year preceding the first day of class. Domicile is defined as your place of habitation or true, permanent home.

To be considered a qualified person for tuition classification by the State of Colorado, you must be at least 22 years of age, married, emancipated, have a dependent, or be a graduate student to begin your one-year domiciliary period. If you are not qualified, your residency for tuition classification will be determined by your parent or legal guardian's domicile. A person 23 years or older who has resided outside Colorado and has established a residency outside the state cannot, merely by attending an institution of higher learning in Colorado, establish residency within the state.

To meet the legal residency requirements, the student or their guardian (if the student is under 23), must have resided in Colorado for one year.

A minor student whose parents have changed their residency from Colorado to a location outside of Colorado shall be considered a resident for one year from the date of the parents' removal from the county or state.

The tuition classification officer can answer questions about residency. Opinions of other persons are neither official nor binding.

Admission of Transfer Students

Any applicant for admission who has attended another college or university must submit their previous collegiate record (from ALL other colleges attended) and apply for admission to Northeastern as a transfer student.

A student who wishes to transfer to Northeastern from another college may do so provided they have an acceptable academic and financial aid record from the previous institution(s) and is a student in good standing at the college from which they wish to transfer. Such students will be admitted to advanced standing based on their records.

Students on academic probation from another institution of college rank will be considered for admission based on several factors: high school record, college record, scores for the American College Test (ACT) or the Scholastic Aptitude Test (SAT) (if applicable), and a personal interview with the Vice President of Student Services if requested.

Transfer of Credits and Degrees

The college accepts all undergraduate college credits transferred from institutions that are accredited by one of the following accrediting bodies:

- Higher Learning Commission
- Middle States Commission on Higher Education / Mid-Atlantic Region Commission on Higher Education
- New England Association of Schools and Colleges
- Northwest Commission on Colleges and Universities
- Southern Association of Colleges and Schools Commission on Colleges
- Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges
- Western Association of Schools and Colleges, Senior College and University Commission

Transfer credit shall be accepted at Northeastern with an academic/university transfer or career/technical designation. When a question exists regarding course equivalency or designation, a request will be made for a course description from the transfer college or school from which the course was taken.

In addition to transfer credit accepted from institutions accredited through the accrediting bodies listed above, credits will also be accepted from the following accredited post-secondary programs:

- Emily Griffith Technical College
- Technical College of the Rockies
- Pickens Area Technical College
- Area career/technical schools that correspond to equivalent Northeastern and/or university transfer credit

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.

Only transfer credits with passing grades of A, B, C, S (satisfactory), or P (pass) will be evaluated and applied to transcripts. Courses with a “D” grade will be accepted and applied to transcripts on a case-by-case basis. Students wishing to have a course with a “D” grade accepted must go to the Student Records Office and fill out the appropriate form. Transfer credits and grades will not be used in calculating a Northeastern cumulative GPA.

All lower-division undergraduate credit hours awarded within ten years will 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. If a course is denied, an appeal process exists by contacting the Records Office.

International Credit Transfer Information

Non-U.S. transcripts must go through an evaluation service to be considered for transfer or waive pre-requisites. Northeastern accepts evaluations through any NACES member organization. These organizations can be found listed at: [NACES | Credentials Evaluations Provided by NACES Members](#)

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. Northeastern requires a **course-by-course** or **detailed** evaluation. Credit recommendations do not guarantee acceptance of credits by Northeastern. Official evaluations can be mailed directly to:

Northeastern Junior College
Records Office
100 College Avenue
Sterling, CO 80751

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



Transfer Of Degree to All Colorado Public Four-Year Colleges & Universities

Colorado's agreement between public colleges and universities guarantees that when you complete your AA or AS degree with a "C" grade or better in every course-you can transfer to any Baccalaureate Liberal Arts and Sciences major (e.g., English, history, mathematics) and graduate after earning an additional 60 credit hours.

While you are guaranteed not to have to take more than 60 credit hours to graduate, to finish within two years depends on the number of credits you take each semester at the four-year institution, the course sequencing in your major (e.g., some upper-division major courses require that you complete lower-division major courses), and course availability.

This agreement does not apply to business, teacher education, engineering, or nursing, as these have statewide articulations with specific lower-division requirements. Save time by seeing your advisor at your earliest opportunity for the "transfer guides," many of which can also be found online.

In addition to showing you which lower-division courses are required for articulated programs, such as business, these guides will tell you which lower-division courses are best suited for your intended major, and you can be sure to complete the pre-requisites for sequenced coursework before transferring to a four-year college.

The AA and AS transfer agreement applies to courses completed at a Colorado community college. Credit earned for prior learning, Advanced Placement, correspondence courses, CLEP, and other tested-only credit may not apply. The institution you transfer will evaluate these credits according to its policies.

For a copy of the Colorado Commission Transfer Policy, go to [Home | Colorado Community College System \(cccs.edu\)](#) or [Home | Higher Education \(colorado.gov\)](#).

Summer School Admission

Provisional admission may be granted based on transcript through the first semester of the senior year to permit an applicant to register for the summer semester immediately following high school graduation. However, completing work in the summer term under such provisional admission does not automatically qualify the student for subsequent enrollment. All admission requirements, including a complete high school transcript, must be met before full admission status is granted.

International Student Admission Information

Northeastern welcomes international students and recognizes the value they add to the learning environment. This policy applies to non-immigrant, international students seeking admission to the college on an F1 student visa or any other visa that allows study in the United States.

International Student Admission Policy

Fall semester applications and all supporting documents are requested to be on file at the college by **July 15**. Spring semester applications and supporting documents must be on file by **December 15**.

Admission of international students will be considered, and a Form I-20 will be issued when the following are received and evaluated as acceptable. Students must fulfill the following requirements and provide the following documents:

- Apply for admission to Northeastern at Admissions - International Students | Northeastern Junior College ([njc.edu](#)). The application must indicate in which semester the student will begin.
- Provide additional and complete transcripts of all previous secondary and collegiate academic work with certified English translations (if needed).
- Provide evidence of proficiency in the English language.

Note: No documentation is required if the student's native language is English or if the student graduated from an American high school (some restrictions apply). If the student's native language is a language other than English, the student must provide one of the following:

For **FULL ADMITTANCE**:

- Test of English as a Foreign Language (TOEFL): minimum score of 65, International English Language Testing System (IELTS): minimum score of 6.5, or Duolingo English Test minimum score of 95.
- The student enrolls directly into a college degree program and carries a full-time credit load (12-15 credits) of credit bearing courses, including First-Year Seminar.

For **CONDITIONAL ADMITTANCE**:

- Test of English as a Foreign Language (TOEFL): minimum score 52-64; or International English Language Testing System (IELTS): minimum score 5.5-6.4; or Duolingo English Test score of 80.
- The student is admitted into the SEVIS-certified English Pathway program, which allows for limited ESL assistance, including ESL 054 (five credits) and an additional 7-10 credits of college-level courses, including the First-Year Seminar.
- Statement of financial support for a two-year program for the student at Northeastern. Federal and state financial aid and tax-supported scholarships are unavailable for international students.
- Record of immunizations.
- Proof of medical insurance. All international students are required to have medical insurance in place while attending Northeastern.
- Full payment of outstanding tuition and fees on the day of registration. Failure to comply may result in the withdrawal of the student's U.S. Immigration I-20.
- Other potential English proficiency assessments may be evaluated for admittance, including:
 - Michigan Test of English Language Proficiency: minimum score of 75.
 - Completion of Level 5 Advanced or Level 109 from an Intensive English Language Center.
 - Completion of the STEP examination in Japan with a LEVEL II evaluation or above.
 - Graduation from an American high school after attending for at least two years OR attending one year and meeting assessment test requirements.
- Special admission waiver approved by the president of the college.

The final steps for F1 Visa completion include:

1. The Designated School Officer (DSO) creates a file in SEVIS (or previous college transfers information in SEVIS) to print a Form I-20. Northeastern's International Student Coordinator serves as the Designated School Officer.
2. The DSO signs and sends the student the original Form I-20.
3. Student pays the SEVIS I-901 fee at Student and Exchange Visitor Program | ICE.
4. Student makes an appointment with the U.S. Embassy or Consulate to interview for an F1 visa.
5. Consular reviews application, confirms SEVIS fee payment, runs security check, interviews student, and potentially grants visa.
6. Student obtains the visa before departure to the U.S.

DEFINITIONS

F1 Visa

This legal document is issued to a non-immigrant student pursuing a full-time program of academic study to achieve a specific education or professional objective at an academic institution in the United States that has been designated by the Department of Homeland Security to offer courses to such students and has been enrolled in the Student and Exchange Visitor Information System.

International Students

This designation refers to non-Immigrant college students coming temporarily to the United States to attend school. The applicant must plan to pursue full-time academic study at an academic institution authorized by the USCIS to enroll international students.

Non-Immigrants

The Immigration and Nationality Act defines the citizen of another country (i.e., a non-U.S. Citizen) as an alien who resides in the United States on a temporary or a permanent basis. Non-immigrants may or may not have official documentation to reside in the U.S.

Student Account Information

General

Completed payment of financial obligations to the college is required at the time of registration. Registration, thus enrollment, is not complete unless the financial obligation is satisfied. Students with any outstanding financial debt to the college will have a registration hold placed on their account, and not be able to register for future semesters or courses. A student officially withdrawing from college must resolve outstanding financial obligations to the college.

Tuition

The State Board for Community Colleges and Occupational Education approves tuition rates annually and students are billed according to their residency status. The number of college credits for which a student registers and the residential classification of the student determine tuition. A student who carries twelve credits or more qualifies as a full-time student. A student with fewer than twelve credit hours is considered a part-time student.

Western Undergraduate Exchange (WUE)

Students attending Northeastern from states participating in the WUE program will be charged a reduced out-of-state tuition rate of 150% of in-state 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 Northeastern Office of Admission.

Fees

The State Board for Community Colleges and Occupational Education approves fees for full-time and part-time students. A registration fee is charged for all students each semester of enrollment. A technology fee, a student activity fee (ASG) to cover activities and operations, and a bond fee to cover bond indebtedness are charged based on the number of credits in which a student is enrolled. In addition, all full-time students pay fees to support the Health Center and the Event Center. Various courses have fees related to the course as indicated in the term schedules. Selected career and technical programs such as cosmetology, automotive technology, and nursing require special equipment or materials. The State Board has approved a Student Fee Plan detailing the student participation in the annual fee revision.

Refunds And Returns

If a student officially drops a class or withdraws from college before the census date (the last day to drop a class for a term), 100% of tuition and fees will be refunded. There will be no refund of tuition and fees after that date.

Financial Disclaimer for the 2024-25 School Year:

During the 2024-25 academic year, some or all instructional formats may change due to an emergency affecting college operations, public safety, or public health, including any pandemic. 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 2024-25 academic year. If a student withdraws from residence facilities, the room and board charges will be refunded on a per-day basis through 87.5% of the term.

If a student withdraws from residence facilities, the room and board charges will be refunded on a per day basis through 87.5% of the term.

Room and Board Disclaimer for the 2024-25 School Year:

Room, board, and meal plan charges will not be refunded if a student elects to move off-campus for reasons related to any pandemic including, but not limited to, changes in an instructional format.

If the student had Title IV federal financial aid, a portion of these grants or loans must be returned to the programs based on the date the student withdrew from the college. If the withdrawal occurs after sixty percent (60%) of the term is completed, no return of these federal funds will be required. In order to calculate the amount to be returned, the withdrawal date must be determined. This will be the date the student began the withdrawal process as prescribed by Northeastern (or otherwise provided Northeastern with official notification of intent to withdraw). If the student drops without any of the notifications mentioned above, the midpoint of the term will be used as the withdrawal date. Northeastern will determine the appropriate withdrawal date if the withdrawal process was not initiated because of illness, accident, grievous personal loss, or similar circumstances beyond the student's control.

The amount of the unearned institutional charges and unearned Title IV funds based on the number of days in attendance to the withdrawal date will be calculated. Northeastern will then return to the Title IV programs the lesser of the unearned institutional charges or the unearned Title IV assistance.

The student will return any remaining unearned Title IV funds. If the student needs to return funds to Pell or SEOG programs based on the return priority, they need to return no more than fifty percent [50%] of the calculated amount. The loan amounts the student needs to return will be repaid according to the regular payment schedule for the loan.

The college refund to the loan account will be credited to the original loan amount. The amount a student needs to return to grants will be collected from the student by the college and then repaid to the grant program.

The order of return of Title IV funds will be as follows:

- Unsubsidized Stafford Loans
- Subsidized Stafford Loans
- Plus Loans
- Federal Pell Grants
- Federal SEOG Federal LEAP

For Northeastern to return the federal funds as calculated, Northeastern may refund unearned money to the student account. In making this refund, one of the following two situations will apply:

1. If the refund is for late start classes, other special terms, or unearned room and board, and it is greater than the amount of the federal awards, Northeastern will need to return some of the funds according to the calculation of when the process ends, and the returns are made.
2. In times of national or state emergency, certain students (e.g., reserve military units, National Guard, individuals with specialized skills, firefighters) are called to provide services to the country. When the call for service or a national emergency is issued, it is often necessary for students to interrupt their coursework in mid-term. In these situations, the refund policy may be altered in keeping with the best financial interest of the student. Refunds for unearned room and board will be made on a per-day basis, as indicated above. Tuition refunds will be made on a pro-rata basis even after the census date.

Indebtedness Policy

No student who has a prior unsettled indebtedness to the college will be allowed to register for any new semester or courses. Indebtedness shall include tuition and fees, room and board charges, and any other financial holds placed on the student's record showing a balance owed to the college.

Room and Board Costs

Room and board expenses are approved annually by the State Board for Community Colleges and Occupational Education. For current rates, contact the Office of Admission, Residence Life Office, Business Office, or see our website [Room and Board | Northeastern Junior College \(njc.edu\)](https://www.njc.edu/room-and-board).

All fees, tuition, and room and board charges effective at the printing of this catalog are subject to change by the State Board.

Financial Aid & Scholarships

Financial Aid Information

The Office of Financial Aid assists students and parents in locating financial sources to pay for educational expenses. Northeastern participates in several funding programs to include grants, work-study, loan programs, and scholarships. Funding sources for these programs include federal, state, institutional, and private sources. Information regarding financial aid programs may be obtained on our website and in the Northeastern financial aid office. Our financial aid advisors make every effort to assist all students in financing their college education.

Application Procedure

Priority for determining financial aid eligibility is given to those students whose completed applications are on file in the Financial Aid Office by March 1st of each year. The steps to applying for financial aid are as follows:

- Submit an Application for Admission to Northeastern. Financial aid awards are only offered to students who have been accepted for admission and are in an eligible degree and/or certificate program. Not all degree and certificate programs offered by Northeastern are eligible for financial aid.
- Submit a Free Application for Federal Student Aid (FAFSA). This application is free and is available on the U.S. Department of Education's website at [Home | Federal Student Aid](#). To apply for the FAFSA, students must be U.S. Citizens or Permanent Residents. The FAFSA must be renewed by the student each succeeding school year. Colorado Resident students that are non-U.S. Citizens may submit a Colorado Application for State Financial Aid (CASFA). This application is free and is available on the Colorado Department of Education's website: [Colorado Application for State Financial Aid | Higher Education](#). The CASFA must also be renewed by the student each succeeding school year.
- Financial aid applications will be accepted at any time during the school year, however funding sources may be limited for applications submitted after the March 1st priority date.
- Submit all required documentation to the Financial Aid Office as soon as requested. Financial aid awards will not be made until the required supporting documentation is complete. Financial aid award notifications for the fall semester are generally sent to students after March 1st and continue throughout the year.
- Submit Northeastern scholarship applications by the April 1st deadline. Our financial aid web page also displays numerous private scholarships opportunities. [Financial Aid & Assistance | Northeastern Junior College \(njc.edu\)](#)

Eligibility Criteria

To qualify for federal student aid (FAFSA), the student must meet the following criteria:

- Be accepted into an eligible degree and/or certificate program, in accordance with the Federal Department of Education regulations.
- Be a citizen or permanent resident of the United States.
- Have a high school diploma, passed the General Equivalency Diploma (GED), or demonstrated the Federal Ability to Benefit test.
- Not owe a repayment on a Federal Grant or be in default on a Federal Student Loan.
- Be in good standing in accordance with Northeastern's Satisfactory Academic Progress policy (SAP).
- Not be receiving federal or state financial aid at another institution during the same semester that you are receiving aid at Northeastern.
- Apply in a timely manner and submit all documentation and/ or information needed to the Financial Aid Office to make a determination of 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. Northeastern will make every effort to ensure financial aid is correctly applied at the time of disbursement. There may be instances where Northeastern is required by the US Department of Education to review and make corrections to your financial aid. If financial aid has paid toward classes that are not part of the student's degree program, Northeastern 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 to ensure CPoS will approve 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, or the student may not receive federal funding. Any change of major form completed after census date may be added as a secondary program of study, or will be applied to the following term.

Satisfactory Academic Progress (SAP) - Maintaining Eligibility for Financial Aid

Each institution that receives federal Title IV funds is required by the U.S. Department of Education, Section 132 of the Higher Education Amendments of 1976, to define and enforce standards for satisfactory academic progress. Satisfactory Academic Progress measures a student's performance in the following three areas/criteria: completion rate, grade point average (GPA), and maximum timeframe.

The Financial Aid Office is responsible for establishing and monitoring a standard of "satisfactory academic progress" for continuation of financial aid eligibility. In order to be eligible to receive financial aid (federal and/or state), the student must be making satisfactory progress towards a certificate or degree as identified in the quantitative (the completion rate of credit hours attempted), and qualitative (the GPA) standards of the policy. Academic progress is reviewed at the time an application is processed and at the end of each term.

The maximum timeframe allowed for a student to complete his/her certificate and/or degree program is 150% of the number of credit hours required for the specific program. The standard of satisfactory academic progress must include a student's total academic history at Northeastern, regardless of whether he/she has previously received financial assistance. A complete copy of the satisfactory academic progress policy is available on the financial aid site: [Satisfactory Academic Policy](#).

In order to meet SAP requirements, students must meet the measurements outlined below:

Cumulative GPA Requirement

- Maintain a minimum cumulative grade point average (GPA) of 2.0 or above for all credits attempted at Northeastern.

Cumulative Completion Rate

- Complete at least 67% of cumulative attempted credit hours: $\text{Total Credits Completed} \div \text{Total Credits Attempted} \times 100 = \text{Completion Rate}$.
- Transfer credit hours on the student's record are included when computing the student's completion rate.
- Remedial credit hours are included in the calculation of the cumulative completion rate.
- Withdrawn courses are calculated in a student's attempted credit hours.

Maximum Time Frame

- Complete the eligible degree/certificate program within 150% of scheduled program length.
- Once students have attempted 110% of the number of credits hours required for their degree or eligible certificate program, they will be sent an Alert letter. This letter will explain to the student that they will no longer be eligible for financial aid once the total attempted credits are 150% of their total program credits.

- Up to 30 remedial credit hours may be excluded from the maximum time frame calculation, but the student must request this review.
- Transfer credit hours are included in the calculation of allowable maximum timeframe.
- Attempted credit hours under all courses of study are included in the calculation of attempted and earned credit hours. This includes previously accumulated hours from prior certificates or degrees.
- If it is at any point in time determined a student cannot complete their program of study within 150% of the program length, students may lose their financial aid eligibility.
- All courses a student has ever taken are considered in the Max Time Frame Calculation. A student may choose to retake a course to improve their GPA, but this may cause a problem in their completion rate as well as their overall number of credit hours attempted.

Second Degrees or Certificates

Under some circumstances students may receive funding for an additional degree or certificate beyond their first one. Students may be required to submit an appeal along with a Degree Evaluation to determine whether or not additional funding can be approved.

Review of Satisfactory Academic Progress will be done shortly after the stated due date for grades at the end of each academic term. Should a student fail to meet one or more of the above indicated standards, they will be placed on financial aid warning, alert, ineligible for aid, or probation. A written notification will be sent to the student after the review if the student has been placed on warning, alert, ineligible for aid, or probation.

Financial Aid SAP Appeals

Students may appeal if placed on financial aid ineligibility. The financial aid ineligible status means students cannot utilize their federal and/or state financial aid to help pay for the cost of school at NJC, and must pay for the costs out of pocket. This appeal must be submitted to the Financial Aid Office prior to the start of the semester, with a completed appeal form located at: [Student Financial Aid Academic Progress Appeal Form | Northeastern Junior College \(njc.edu\)](#) and supporting documentation. The appeal will be reviewed by a committee which will determine if federal/state aid can be used to assist with college expenses, or if the student will be required to pay out of pocket until the student begins to meet the satisfactory academic progress standards set by the U.S. Department of Education. Appeals submitted after the semester begins may be accepted and reviewed, only per the committee's discretion.

Students are responsible for presenting sufficient information and documentation to substantiate the existence of **extenuating circumstances**. No action will be taken on incomplete appeals. The appeal will only be reconsidered once all supporting documentation has been received. Please note this appeal process is separate from the Academic Appeal process. Please check with the academic department to determine if an academic appeal is also required.

Examples of extenuating circumstances:

Medical problems (family illness)

- Family emergency (death of a family member)
- Other documented extenuating circumstances beyond your control

Students may also appeal on the basis of:

- Maximum allowable credit hours for currently enrolled program, or
- Funding for an additional degree and/or certificate.

Appeals for maximum allowable timeframe and funding for an additional degree and/or certificate will require meeting with an Academic Advisor or Counselor to discuss the number of attempted credit hours beyond the requirements and/or the educational purpose of a subsequent degree and/or certificate. A Degree Completion Evaluation Form signed by an Academic Advisor or Counselor must be submitted with the completed Appeal Form.

Students are notified of appeal decisions. If an appeal is approved, students will be placed on probation. If granted a successful appeal, financial aid awarding is based upon the availability of funds at the time of reinstatement. Students may, or may not, receive all funds awarded prior to the loss of eligibility.

Grade Changes

Students are responsible for notifying the Financial Aid Office of all grade changes that might affect current or future financial aid eligibility. A re-evaluation of the students' status will be performed by the Financial Aid Office once the grade change has been communicated to the Financial Aid Office.

Reinstatement

Students who lose financial aid eligibility because they are not meeting the school's satisfactory academic progress standards will regain eligibility when they are again meeting the qualitative and quantitative standards as set previously in this policy.

They may also regain eligibility by successfully appealing a determination that they were not making satisfactory progress. Upon successful reestablishment of eligibility, the student will be awarded financial aid based on the availability of funds at the time of reestablishment. Students may, or may not, receive all funds awarded prior to the loss of eligibility.

Funding Sources

Grants

Federal Pell Grants: The Federal Pell Grant is a federal aid program designed to provide financial assistance for postsecondary education. Award amounts are determined by the Federal Department of Education. Students must complete a FAFSA, and must display a financial need to be eligible.

Federal Supplemental Educational Opportunity Grants (FSEOG): A federal grant designed to provide assistance to documented exceptionally needy students to help pay for postsecondary education. Students must complete a FAFSA. Priority is given to non-resident students with a documented exceptional need.

Colorado Student Grants: The Colorado Student Grant program is funded by the Colorado General Assembly and is to provide assistance to qualified undergraduate students with documented financial need at state institutions of higher education. Award limitations are set by the Colorado Department of Higher Education. Students must be a Colorado resident and complete a FAFSA or CASFA.

Colorado Career & Technical Education (CTE) Grants: The CTE Grants may be applied towards tuition, fees, and book costs of eligible students and may not exceed the cost of the program which the student is enrolled. Eligible applicants must be Colorado residents enrolled in a short-certificate program that is less than 15 credits in length, and not eligible for federal aid. Students must complete the CTE Grant application.

COSI Finish-What-You-Started Grants: These grants are funded by the State of Colorado from the federal American Rescue Plan Act, which provides direct and indirect support to students who have completed some college, but have not yet earned a degree. Students must submit an application at: [COSI Finish What You Started Grant | Northeastern Junior College \(njc.edu\)](https://www.njc.edu/cosi).

Work-Study

Federal Work-Study: Federally funded work programs with a portion of the funds contributed by the college. Awards are made only to students who have a documented financial need. Students must complete a FAFSA.

Colorado Work-Study: Funding by the Colorado General Assembly for an employment program awarded to Colorado residents with documented financial need. A wide variety of positions are available on campus. Students must complete a FAFSA or a CASFA.

Colorado No-Need Work-Study: Funding by the Colorado General Assembly for an employment program awarded to a limited number of Colorado residents without documented financial need. Students must complete a FAFSA.

Loans

Federal Direct Subsidized Stafford Loan: These are low interest loans that are based on documented financial need. With the William D. Ford Direct Lending Program, the loan funds are delivered directly from the U.S. Department of Education. The federal government pays the interest while you are in school or during your grace period. Repayment begins six months after the student leaves school or is enrolled in less than six credit hours. Origination fees are deducted prior to disbursement of funds. Students must complete a FAFSA.

Federal Direct Unsubsidized Stafford Loan: These loans are not based on financial need. The borrower is responsible for the interest payments. With the William D. Ford Direct Lending Program, the loan funds are delivered directly from the U.S. Department of Education. Origination fees are deducted prior to disbursement of funds. Students must complete a FAFSA.

Federal Direct Parent Loan for Undergraduate Students (PLUS): Fixed interest rate loan made to the student's parents for the student's educational expenses. This loan is based on a credit check. Amount is limited to the cost of educational expenses minus other aid. Origination fees are deducted prior to disbursement of funds. Repayment begins 30 days after the final disbursement, or parent can choose to defer payments until 6 months after student completes school. Applications are available at [Home | Federal Student Aid](#).

Scholarships

Scholarships are available from several sources and the criteria for those vary. Each scholarship is awarded under provisions of the specific award.

The majority of Northeastern scholarships require some type of application. For a complete description of all Northeastern Scholarships and appropriate application procedures, please visit the website at [Scholarships | Northeastern Junior College \(njc.edu\)](#). The following is a brief list of scholarship funding sources available:

- Northeastern Foundation Scholarships
- Northeastern Alumni Scholarships
- Northeastern Institutional Scholarships
- Community Scholarships awarded by Northeastern

Summer Aid

Funding for summer generally consists of unused academic year Federal Pell Grant, Federal Direct Stafford Loan, Unsubsidized Federal Direct Stafford Loan, or PLUS Loan eligibility. Federal Pell Grant funding may come from the current FAFSA or succeeding FAFSA, whichever benefits the student the most. Students interested in summer financial aid must submit the Summer Aid Application located on our website.

Veteran Educational Programs

The Financial Aid Office works with the Veterans Administration to assist in administering provision of the various programs of benefit to veterans or eligible relatives of veterans under benefits. The Financial Aid Office certifies enrollment and transmits necessary credentials and information to the proper Veterans Administration Office. Students that intend to utilize VA benefits while attending Northeastern, should contact the financial aid office prior to the start of the semester.

Prime Time Learner (Senior Adult) Institutional Grant

Senior adults are classified as individuals over the age of 60 at the time a class begins. These students may enroll in courses and receive a scholarship equal to 50 percent of the current per credit tuition rate. Scholarships will only be given if the course has room to accommodate extra students on a space available basis. Enrollees must also qualify for the COF stipend and utilize those funds for courses. Scholarship forms and additional information is available through the Office of Financial Aid.

Academic Information



Degrees and Certificates

Northeastern offers programs leading to the Associate of Arts Degree, Associate of Science Degree, Associate of General Studies Degree, Associate of Applied Science Degree, and certificates for Career and Technical Education Programs. All degrees and certificates require a minimum 2.00 cumulative grade point average (GPA) to be awarded.

Graduation requirements for degrees and certificates vary according to program objectives and content. Variation in requirements is given in the following pages. Interpretations of general and specific requirements are available to each student through the faculty advisor.

Students who expect to transfer will have help in selecting appropriate college or university transfer courses. A student who wishes to change a degree program while enrolled at Northeastern should ask for an evaluation of their transcript.

Student Bill of Rights

The General Assembly hereby finds that students enrolled in public institutions of higher education shall have the following rights:

- 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.
- A student can sign a two-year or four-year graduation agreement that formalizes a plan for that student to obtain a degree in two or four years unless there are additional degree requirements recognized by the commission.
- Students have a right to clear and concise information concerning which courses must be completed successfully to complete their degrees.
- Students have a right to know which courses are transferrable among the state public two-year and four-year institutions of higher education.
- 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.
- Students have a right to know if courses from one or more public higher education institutions satisfy the student's degree requirements.
- A student's credit for the completion for the core requirements and core courses shall not expire for ten years from the date of initial enrollment and shall be transferrable.

Student Responsibilities and Expectations

All students enrolled for any credit course are responsible for knowing the information in this College Catalog and any updates on costs, course revisions, curriculum changes, and published course schedules. All students are responsible for knowledge of the policies and procedures in the Student Handbook.

The Student Handbook contains all general student policies and the basic residence hall rules and procedures. The college reserves the right to change procedures and policies in the Catalog and the Student Handbook as deemed necessary and revise the college curricula as may be necessary and desirable.

All students registered for any courses at Northeastern accept a commitment to seriousness of purpose, academic integrity, and high standards of personal and social behavior. Students are expected to be cooperative and responsive members of the college community and the city of Sterling, comply willingly with college regulations, and abide by all local, state, and federal laws. All students have the right to due process and the right to file grievances. The college has the right to restrict, evict, suspend, and dismiss any student whose academic achievement and personal conduct do not meet the standards in the College Catalog and the Student Handbook.

In accordance with the regulations and procedures assuring due process, the College Hearing Board may dismiss any student whose conduct does not meet the college standards set forth in the Student Code of Conduct.

Academic Advisor

An Academic Advisor will help you:

- Create an academic plan and choose the correct courses.
- Find the degree or certificate program that matches your goals.
- Understand the registration process.
- Discover the right transfer options and institutions to meet your needs.
- Access resources on campus that will help you succeed in the classroom.
- Identify your strengths and challenges to maximize your goals.
- Provide accurate and timely information.

You are responsible for making the decisions that help you achieve your career and academic goals; your Academic Advisor is here to support you along the way.

Assessment and Placement for Success

In accordance with Colorado State Board Policy, if you are entering college for the first time, you are required to provide indication of college readiness via placement test scores. These tests will help determine what college courses you will take based on your skill levels in English, reading, and math.

College Ready Indicators:

- Student has prior college-level English and college-level math course work with a final grade of “C” or better.
- Student has valid (non-expired) college-level ACT, SAT, Accuplacer, CCPT, GED, HiSet, TASC, PARCC, SBAC, AP, IB, CLEP, DSST, PLA scores.
- Student has 3.0 high school GPA with “B” in Algebra II or Geometry (for CTE math, MAT 1240, 1260 & 1220), “B” in Pre-Calculus (for MAT1340) within last 18 months.
- Student has 3.0 high school GPA with “B” in 11th grade English (for ENG1021) within last 2 years.
- Northeastern’s Self-Directed Placement Testing.

Registration and Student Records Information

Course Registration

Students who have completed the admission requirements are eligible to enroll at Northeastern. For your success, we encourage you to meet with your Faculty Advisor or a Student Success Specialist before the start date.

Registration reserves space in classes and guarantees enrollment. The class schedule, published each semester electronically, provides critical information concerning each course: when and where the course meets, the instructor, and the cost. Class schedules and registration information are available on the Northeastern website at [Course Schedules, Transcripts and Resources | Northeastern Junior College \(njc.edu\)](#).

Northeastern has two registration methods: In-person at NJC or via the internet at [Student Success - Navigate360 | Northeastern Junior College \(njc.edu\)](#) (staff to contact are listed at the bottom of the page).

Credit Hour Load

Course Load: The standard course load is 15 credits per semester. Students who carry fewer than 12 credits are part-time students. Students with 12 or more credits are considered full-time. The maximum student load is 18 credits unless an override has been granted. A student who desires to carry more than 18 credits in a given semester must have demonstrated the ability to do so.

For many students, an 18 credit hour course-load for a semester will be an extremely heavy schedule. New students should consider taking a lighter load for the first semester. In unusual circumstances, it may also appear necessary for a student to carry more than the normal course load. Permission to carry such a course load may be granted to individual students depending on the rigor of the course work and attendance.

Full-time career and technical students will normally register for the number of credits indicated for that semester in their Program Requirements.

Holds

Academic and administrative offices can place holds on your registration, which prevents registering or changing your registration schedule. Holds are placed for a variety of reasons (academic, financial, etc.). Failure to meet a payment deadline will result in a financial hold which prevents schedule changes. Only the office that places the hold can remove the hold.

If a hold was placed on your student account after you have a class schedule, the classes you are registered in will not be automatically cancelled. However, you will not have registration access to adjust your schedule for subsequent terms until the holds are cleared.

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 required course is mandatory 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.

All college-level courses may be repeated. 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 Northeastern.

Developmental courses are eligible to be repeated. All developmental courses will appear on the transcript.

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.

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.

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. Students should direct questions on repeating courses to an academic advisor, the Records Office, or the Student Success Center.

Note: Due to the logistics of the college conversion from quarters to semesters in the fall of 1988, the repeat policy is limited to those courses completed from the fall of 1988 to the present.

Course Schedule Changes

Students are encouraged to secure advisor approval for all schedule changes. Students can add a class up to 6% of the class, drop a class up to 16% of the class (census date), and withdraw from a class 16-80% of the class.

Adding a Class

To register for class (add), students must register through Navigate in the Access NJC Portal. Students may add classes at the start of the registration period through the first six percent (6%) of the specific course. Students are encouraged to work with their advisors to create a schedule.

To add a class through Navigate, use the following link to log in and view your planner tab to add the course: [Student Success Center Navigate](#).

For additional help with Navigate, please contact the Student Success Office at NJCStudentSuccessCenter@njc.edu or (970) 521-6663.

Dropping a Class

Students may drop a class by the census date, the first fifteen percent (15%) of the course duration, without being financially responsible for the class. As a result of dropping a course, that class will not appear on the student's permanent record. Specific drop deadlines for A-Term, B-Term, and Full Term classes are listed in the syllabi of each class.

Students who register and do not want to be held liable for tuition and fees and/ or have a transcript record created must drop the class on or before the census date, the last day for refund. Notifying the instructor, your advisor or simply not attending the class is not sufficient to ensure that you are dropped from the class.

Students can drop classes through Navigate in the Access NJC Portal.

To drop a class through Navigate, use the following link to log in and view your planner tab to drop the course: [Student Success Center Navigate](#).

For additional help with Navigate, please contact the Student Success Office at NJCStudentSuccessCenter@njc.edu or (970) 521-6663.

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 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 attendance policies. Students who miss too many class sessions may be advised to withdraw from a course.

Withdrawal from Classes

Withdrawal from Class(es) - 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 initiates requests for withdrawal on Access NJC. If a student has a hold on their account preventing them from withdrawing online, it is the student's responsibility to complete a paper withdraw form with all corresponding signatures before the withdraw date. Students are responsible for the full amount of tuition and fees for courses from which they are withdrawn.

Withdrawal from College-All Courses

A student who decides to withdraw from all enrolled courses must obtain the "Withdrawal from Northeastern - All Courses" form from the Vice President of Student Services Office. This form must be completed and returned with the current ID before withdrawal from college is official. A student should not initiate a total withdrawal from the college via "Access NJC" (the college's web-based student portal).

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, such as A-term or non-standard term classes that have concluded.

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. (Refer to [Inventory of Common Grading Symbols | Northeastern Junior College \(njc.edu\)](#)).

Note: In unusual circumstances (death, disability, and excessive absences), the Vice President of Academic Affairs, the Vice President of Student Services, the instructor of the course enrolled, or the academic advisor may initiate the "Withdrawal from Northeastern - All Courses" for a student. Procedures for withdrawing from the institution may be initiated only in the office of the Vice President of Student Services. Upon withdrawal from all classes, the student automatically severs the relationship with the college and is required to surrender their college identification card.

Academic Renewal

The Academic Renewal Policy allows former Northeastern students to apply for the establishment of a new academic record. A student may be granted an "Academic Renewal" only once and the decision will be final if approved by the Academic Standards Committee and accepted by the student. Call 970-521-6659 for additional information and clarification on this procedure.

Guidelines

1. A maximum of 30 credit hours can be excluded from the GPA.
2. Courses and grades approved for Academic Renewal remain on the transcript but are excluded from the GPA calculation. No classes will be deleted or removed.
3. Academic Renewal applies to D and F grades only.
4. Academic Renewal does not apply to W grades.
5. Academic Renewal does not apply to courses that have already been excluded from student's GPA.
6. Academic Renewal may not have a positive impact on Financial Aid or Veteran's Benefits.

Eligibility

1. Students must wait a minimum of two academic years from the last term being considered before applying for Academic Renewal.
2. Students must be an active student at Northeastern, currently enrolled and actively attending.
3. Student must have enrolled and successfully completed in the same term at least six credit hours with a 2.0 term GPA to be eligible for Academic Renewal.
4. Eligibility term must be a minimum of two academic years from the last term being considered; grades must be posted prior to apply for Academic Renewal.
5. Students can only apply for Academic Renewal once, and if approved, is not reversible.

Procedures

1. A student must submit a letter of request to Northeastern Academic Renewal.
2. The Records Office will check the student's transcript for eligibility and, if eligible, forward the request of eligible students to the Chair of the Academic Standards Committee for review.
3. The Academic Standards Committee will review and recommend approval or denial before a semester pre-registration or registration period.
4. The Northeastern Records Office, after a thorough review of the student's transcript, will identify the coursework to be excluded from the GPA.
5. The Records Office will compute an Academic Renewal GPA and provide the student with an updated transcript.

Confidentiality Of Student Records

The college maintains an educational record and student service record for each student who is or has been enrolled at the college. Per the Family Educational Rights and Privacy Act of 1974, as amended (hereafter "Act"), the following student rights are covered by the Act and afforded to all eligible students at the college:

1. The right to inspect and review the information contained in the student's records.
2. The right to request amendment of the contents of the student's records believed to be inaccurate, misleading, or otherwise in violation of the student's privacy or rights.
3. The right to prevent disclosure without consent, with certain exceptions, of personally identifiable information from the student's records.
4. The right to secure a copy of the college's policy.
5. The right to file complaints with the U.S. Department of Education concerning alleged failures by the college to comply with the provisions of the Act.

Each of these rights, with any limitations or exceptions, is explained in the college's policy statement. A copy may be obtained in the Records Office. Educational agencies – colleges – may disclose educational records to the parents of a dependent student without the student's consent. Post-secondary institutions may disclose, to parents and legal guardians of students under the age of 21, information regarding the student's violation of any federal, state, or local law or any rule or policy of the institution governing the use or possession of alcohol or a controlled substance (amended 6/99).

The college is obligated to keep, within the student educational records, a "record of access" for all people and organizations that have been granted access to the student's records. This access record is available only to authorized people within and outside the institution.

The institution shall disclose, to an alleged victim of a crime of violence or a non-forcible sex offense, the final results of disciplinary proceedings conducted by the institution. The institution may disclose the results of a disciplinary hearing for such violations of the college's rules. Disclosure is limited to the violator's name, the violation committed, and sanctions imposed. Names of other students and/or witnesses can only be released by written permission.

Disciplinary records may be released to other schools and school officials when those records contain information regarding conduct that poses a possible significant risk to the safety of any student or members of that school community.

Northeastern may provide directory information under the Act's provisions without an eligible student's consent unless the student initiates a written request to prevent disclosure of such information. The following information is designated as directory information and may be released concerning any student for any purpose at the discretion of the college (unless a written request for nondisclosure is on file):

- Student name
- Major field of study
- Participation in officially recognized activities and sports and dates of attendance
- Degrees and awards received
- Most recent educational institution attended
- Enrollment status (i.e., full-time, three-quarter-time, half-time, less than half-time, withdrawn, graduated, or deceased)
- Height, weight, and high school attended (only for students in officially recognized activities and sports)

Currently, enrolled students may prohibit public disclosure of this directory information by notifying the Records Office in writing, specifying the categories to be withheld, within ten (10) calendar days after each term's first scheduled class day.

The college will honor the request until the student otherwise contacts the Records Office and provides written permission to release directory information. The student should carefully consider the consequences of any decision to withhold any category of directory information. Regardless of the effect upon the student, Northeastern assumes no liability that may arise out of its compliance with a request that such information is withheld. It is assumed that the failure on the part of the student to request the withholding of directory information indicates the student's consent to disclose.

Please refer any questions concerning the student's rights and responsibilities under the Family Educational Rights and Privacy Act to the Vice President of Student Services.

Auditing Classes

Auditing means participation without evaluation or receipt of credit. An Audit/No Credit request form signed by the instructor must be submitted to the Records Office by the last day to register or add a course in any term.

Students electing the audit option will pay all required tuition and fees, meet all course requirements, and receive the no credit grade of "AU". An audited class may be retaken at a later date for credit. The Colorado Opportunity Fund (COF) stipend cannot be used for audited classes.

The "AU" grade will continue to be included in the grading policy. The Audit "AU" is a registration status in Banner and is automatically posted as the grade there.

Students must choose the audit option by census date so that colleges can reconcile the COF file. The COF stipend cannot be used for "audit" courses. If students change to the audit status following initial enrollment, they will be responsible for the entire in-state tuition, not just the student portion.

Students should consider the P/F grading option rather than an audit because the COF stipend will be eligible for P/F courses, but not for audit courses.

Cancellation of Classes Due to Low Enrollment

The college may cancel classes due to insufficient enrollment or other extenuating circumstances. Students enrolled in cancelled classes will receive written notice of the cancellation. Refunds of tuition and fees charged for that class will be made by the college business office.

Semester System and Term Dates

Northeastern operates on the 15 to 16 week semester, plus a three to four day final exam schedule. In addition, the college offers intensive courses, generally the two weeks prior to each term and summer: August term, January term, and May term.

Students can select courses from one or more term combinations to reach optimum enrollment. The summer term is an integral part of the yearly calendar and designed to provide continuous educational opportunity. It provides additional opportunity for high school graduates to adjust to college-level work in a relaxed, summer environment.

The start and end dates for the three terms of the 2024-2025 Academic Year are:

Fall Intercession: August 5, 2024 to August 16, 2024

Fall Full Term 2024: August 19, 2024 to December 13, 2024

Spring Intercession: January 6, 2025 to January 17, 2025

Spring Full Term 2025: January 21, 2025 to May 16, 2025

Summer Session (5 week): May 27, 2025 to June 26, 2025

Summer Session (10 week): May 27, 2025 to August 2, 2025

Faculty Authority in the Classroom

Northeastern students are expected to meet and exceed all academic and personal commitment standards as determined by each class's instructor. The faculty member sets the academic standards for each class taught and the student is expected to comply with the following standards of classroom conduct and academic experience:

Demonstrated Preparation

All students should demonstrate the necessary preparation (academic background and assessments) before enrolling in any class or course of study.

Class Attendance

Students learn best with regular and consistent class attendance. 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. Students may be administratively withdrawn from a class for excessive absences. Each course syllabus provides information on course attendance. The following general attendance guidelines apply to all students and all classes.

Attendance Guidelines

1. Each class will have attendance procedures set forth by that instructor. Self-contained career and technical programs may develop attendance procedures that apply to all courses in the program.
2. Specific procedures for class attendance and the effect that absences may have on daily assignments, make-up work, examinations, and/or course grades will be made in written form and given to enrolled students during the first or second class meeting.

3. Class attendance procedures must be uniformly applied to all students enrolled in a course. Individual students should confer with instructors on personal and specific attendance concerns and conflicts. The determination and application of attendance guidelines are the responsibility of each faculty member.
4. Class attendance is the responsibility of the student. The student should communicate with advanced notice, if possible, any attendance situation affecting the submission and completion of course assignments, exams, etc.
5. Students serving on athletic, rodeo, or livestock judging teams, as members of an approved college club or extra-curricular activity, who are enrolled in a class that is missed for a field trip or college-sponsored performances will be considered "excused" by all instructors for the duration of the travel. The college sponsor advisor-coach should communicate with the students who will be participating. The students are representatives of the college in these approved instances.

It is the responsibility of the student to make faculty aware of upcoming "excused absences" for approved college activities and to assume responsibility for completing all assignments during the excused absences.

Faculty-sponsors, coaches, or instructors involved in other student travel are responsible for informing Department Chairs and other faculty members of students who miss classes because of approved student travel. The notification of students to be excused from classes should be distributed at least five (5) class days before departure from class.

Classroom Conduct

Each student is expected to arrive before the class "start time" and remain in class until the instructor issues dismissal. Each student is expected to bring only books and appropriate educational materials into the classroom. The instructor must approve, before class begins, the admittance for guests, visitors, or small children to be present in the classroom. Any student or visitor can be asked to leave if their presence hinders the learning process.

Textbooks, Required Materials, Supplies, and Equipment

Each student is expected to purchase all the required supplies and materials to meet the requirements of the course by the second class session. Failure to do so may result in the student being dropped or administratively withdrawn from the class by the instructor.

Reading Assignments, Written Reports, and Verbal Reports

Each student is expected to complete all reading assignments as required. Each student will complete all written reports, writing assignments, and verbal reports as required.

Special Assignments

Special assignments for extra credit (if offered by the instructor), make-up tests, or assignments requiring the instructor's approval.

Test and Evaluation Assessments

Each student will comply with all course evaluations as required.

Plagiarized Materials, Cheating or Falsifying Assigned Materials as Original

Students are expected to produce original work. Any material taken from another source must be properly documented.

Faculty Authority for the Classroom Experience

The Northeastern faculty member has the authority to make immediate and preliminary evaluations of a student's academic progress in a class and related personal conduct in the educational setting. This evaluation is based upon one or more of the above standards and the instructor can withdraw a student from their class based on noncompliance with classroom conduct and academic experience standards.

Academic Integrity Procedure

Northeastern students are expected to maintain the highest standards of academic honesty and integrity. Unless specified otherwise, all work submitted by a student is to be the original creation of that student. Penalties for plagiarism*, including self-plagiarism**, cheating, falsifying work, or other acts of academic dishonesty may include, but are not limited to, a verbal or written warning to the student, no credit, or reduced credit for an assignment, administrative withdrawal from the course, "F" grade for the course, disciplinary probation, or expulsion from the college.

When a student commits an act of academic dishonesty, the faculty member must meet with the student to discuss the alleged violation of academic integrity and the evidence available.

Following the meeting, the faculty member decides on the sanction to be given to the student (e.g., no credit or reduced credit for an assignment, "F" grade for the course, etc.). The faculty member will report the incident to their Department Chair.

After consulting with the student and instructor, the Department Chair will place the student on disciplinary probation.

The student shall be notified in writing of this action, which will be communicated to the Vice President of Academic Affairs, Vice President of Student Services, Registrar, and the Office of Financial Aid. If the student commits a second act of academic dishonesty, the student will be placed on one-semester academic suspension or expulsion from the college.

Any act of academic dishonesty may also result in the student being required to complete a program designed to educate that student about academic integrity and associated issues.

Students who violate this policy have rights accorded to them by the Northeastern Judicial System. Please refer to the [Northeastern Student Handbook, Section 5.11](#), for details.

A student who fails a course because of a violation of this policy may retake the course. However, the original "F" grade and the new grade will be included in the student's overall GPA calculation. This is an exception to the Repeated Course Policy.

*Plagiarism is using the words, images, thoughts, and structural patterns of someone else's work without giving credit to the source through in-text citation and reference or work's cited page. Plagiarism also includes the excessive use of quotations, summarization, or paraphrasing.

**Self-plagiarism is a student's re-submission of all or part of a written, oral, or artistic work they have previously submitted to another class. Self-referenced work must be pre-approved by the instructor.

Note: The Vice President of Academic Affairs will maintain a list of all students on disciplinary probation. Each time the VP is notified of a student being placed on probation by a Department Chair they will review the list to determine if it is the student's second violation.

Academic Evaluation-Academic Standards of The College

All policies on academic standards apply to students who enroll in credit courses at Northeastern: full-time, part-time, regular degree/certificate-seeking, or special status. All students must maintain a cumulative grade point average of 2.0 (C) and fulfill all course requirements to graduate and receive a degree or certificate.

Students not maintaining the required grade point average may be warned or suspended based on their academic status. Academic progress to maintain financial aid requires a minimum number of credits and grade point average.

Faculty Authority

Professional, qualified faculty are hired to facilitate learning by teaching each course and making preliminary, ongoing, and final evaluations of each student's progress.

The instructor is the final authority on each student's learning progress and the assignment of final grades for each course. Each faculty member is committed to teaching the course content, making individual and ongoing learning evaluations of each student, and assigning a final letter grade based upon these evaluations. A Department Chair or Director supervises each member of the faculty.

Grade Reports

Final grades are posted by faculty approximately two working days after the last day of the semester or grading period. Final grades for any term shorter than a semester should be posted by individual faculty. Final grades for any term will be available either on an official college transcript or an unofficial academic record only at the end of each semester. The student can access the unofficial academic record through Access NJC using the student's password.

Inventory of Common Grading Symbols

A - Excellent or Superior

B - Good

C - Average

D – Deficient

F – Failure

I – Incomplete

P – Pass

F – Fail

P-A – Passing (A-Level) work in a developmental or PED course

P-B – Passing (B-Level) work in a developmental or PED course

P-C – Passing (C-Level) work in a developmental or PED course

F-D - Not-passing (D-Level) work in a developmental or PED course

F-F – Not-passing (F-Level) work in a developmental or PED course

W – Student withdrew prior to the withdrawal deadline

WX - Administrative withdrawal by appeal or institutional error

WD - Administrative withdrawal

AU – Audit

Place Holders

SP – Satisfactory Progress

Z – Grade not yet reported

R – Repeat Field

PLA – Prior Learning Assessment

CNG – Conversion – No grade

AU - Audit

By auditing a course, a student may participate in course activities, but does not receive a formal transcript grade. Students must indicate intent to audit a course at registration or by the deadline listed in the course schedule. Audited courses are not eligible for the College Opportunity Fund stipend. Students will be responsible for the full in-state or out-of-state tuition.

Audited courses do not meet the credit hour requirements for financial aid or veteran benefits and may not be applied to certificates or degrees.

Course credits for which an AU is earned will not count in Attempted Hours and Earned Hours.

No Quality Points will be assigned and there will be no impact on the Term or Cumulative GPA.

I - Incomplete

The "Incomplete" grade is temporary. It is designed for students who, because of documented illness or circumstances beyond their control, are unable to complete their course work within the semester, but have completed a majority of the course work (defined as at least 75% of all course assignments and tests) satisfactorily (grade C or better).

Suppose circumstances beyond the student's control prevent the student from completing a test or assignments at the end of the term. In that case, it is the student's responsibility to initiate the request for an "Incomplete" grade from the instructor. The instructor will determine whether the student has a reasonable chance of satisfactorily completing the remaining course activities remaining course activities in a time frame determined by instructor not to exceed one semester.

In requesting an "Incomplete" grade, the student must present to the instructor the documentation of circumstances justifying an "Incomplete" grade. Institutions will determine if an electronic or paper contract is required for an incomplete grade.

The instructor will complete and sign an "Incomplete Grade Contract" and submit it to Student Services with the final grades for the semester. Student Services will send a copy of the "Incomplete Grade Contract" to the student. The instructor must assign an Incomplete Grade on the regular grade roster by the final grade due date listed on the academic calendar.

Whether colleges utilize the paper contract or an electronic contract, the student and instructor must satisfy the following:

1. Student Name (F, MI, L).
2. Student ID#.
3. Course Number and Section.
4. Reason for assigning a grade of incomplete (statement of extenuating circumstances).
5. Work to be completed to remove the incomplete grade (instructor should be very specific, including the work to be done, and how the final grade is to be calculated).
6. Evidence of completion of 75% of the semester course work.
7. Completion of a work plan that includes the following: What, when, and how assignments and tests will be submitted to complete the course. The length of additional time and end date when work must be completed.
8. If using paper contract/form, faculty must list default grade and include appropriate signatures, OR
9. If using the electronic method, faculty will report the incomplete grade through the institution's online student information system (e.g., Portal). At this time, faculty can assign a default grade higher than an "F" and designate a date by which the remaining work must be submitted (this date will not extend past the subsequent semester).
10. If using the electronic contract, submission of an incomplete grade and default grade via the Portal signifies that both instructor and student agree to the conditions in the electronic contract.
11. Instructor signature and date.
12. Student signature and date.

Students are encouraged to let instructors know as soon as possible if they are having difficulties with any part of the course. If a student and instructor cannot reach a resolution concerning an Incomplete then the student should contact the Instructional Officer of the college.

Military personnel and emergency management officials who are required to go TDY in the middle of a term should contact their instructor for special consideration. Documentation of official TDY assignment is required and must be approved by the VPAA.

Incomplete grades not converted to a letter grade by the instructor after one subsequent semester (not including the summer semester) will revert to an F.

If the student would have earned a letter grade higher than F without completing the work, faculty should be encouraged to submit that higher grade before the automatic conversion to F.

Pass/Fail Grading

Individual students cannot select the P/F grading option for a course that has been identified as a traditionally graded course when using the self-service features of Banner. A request for the P/F option must be submitted to the registration office prior to the first day of class. **NOTE:** If individual students are permitted by college procedure to choose an P/F option for a course, then the college will build two sections, one for the graded section and one for the P/F option.

No P/F courses may be applied to the A.A.-A.S. degree except for physical education courses. "P" and "F" will count in attempted and earned credits, but will not carry quality points. Therefore, P/F grades will not be included in GPA calculations.

P-Passing

The passing grade is equivalent to a grade of "C or better." The course will count in attempted and earned credits, but will not carry quality points.

F-Failing

The not-passing grade is equivalent to a "D" or "F" grade. The course will count in attempted credits, but will not carry earned credits of quality points.

P/A, P/B, P/C

These are passing grades awarded only for developmental classes. The A, B, and C indicate the level of satisfactory performance. These grades are not included in the GPA calculation. The course will count for attempted and earned credits.

F/D, F/F

These are not-passing grades awarded only for developmental classes. The D and F indicate the level of unsatisfactory performance.

These grades are not included in the GPA calculation. The course will count in attempted credits, but will not carry earned credits.

W - Withdrawal

The "Withdrawal" grade is assigned when a student officially withdraws from a course. 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. Faculty are required to provide the last date of attendance for each student who is assigned this grade.

Last Date of Attendance

Faculty are required to provide the last date of attendance for each student awarded a F or U/F grade. In addition, if faculty assign a W the last date of attendance is also required.

AU (Audit)

None (Must be issued prior to 15% of class duration. Student initiated only – "W" has no impact on GPA.)

Place Holders

SP Satisfactory Progress

This symbol is limited to certain approved courses that extend beyond the end of a normal semester. No academic credit is awarded until course is completed.

Z–No Grade Submitted

The grade of "Z" is a temporary grade entered by the Registrar when a grade is not received from the course instructor. The "Z" grade is replaced and credit awarded upon the Registrar's receipt of the grade.

Repeat Field

The Repeat Field on a transcript will be marked with "I" (include in hours and GPA calculation), "A" (exclude from earned hours and GPA calculation), or "E" (exclude from earned hours, but count in GPA calculation).

Online Grading Systems

The Community Colleges of Colorado approved the following grading system for online courses.

Grade	Quality Points
A	4
B	3
C	2
D	1
F	0

P (Pass)

No Quality Points ("P" grade of C or better--no impact on GPA)

- Approved only for selected, approved courses.
- A request for the P/F option must be submitted to the registration office prior to the first day of class.
- No P/F course may be applied to the AA/AS degree except for physical education courses.

F (Fail)

No Quality Points are given.

I (Incomplete)

No Quality Points are given. To qualify for an Incomplete the student must have completed 75 percent of the course work with a grade of "C" or better within the timeline set by the instructor, but no later than one semester following the posting of the "I" grade.

W (Withdrawal)

No Quality Points are given. The withdrawal must be initiated by the student or instructor and the process must be completed (paperwork submitted and approved by X, Y, and Registrar) before 80 percent of the course's entire duration is complete.

AU (Audit)

No Quality Points are given. Audits are student-initiated only must be issued prior to 15% of class duration and have no impact on GPA. Students can contact the Records Office to request an Audit form.

Z (None)

No grade reported.

Grade Point Average Calculations

The college employs a system of grade points for rating the student's scholastic achievement.

The following point scale is used; A-four points for each credit; B-three points for each credit; C-two points for each credit; D-one point for each credit; F-0 points for each credit. "P" and "F" will count in attempted and earned credits, but will not be included in GPA calculations. The following example illustrates how grade points are calculated.

Subject	Grade	Credits	X	Grade Points	Quality Points
English	B	3	X	3	=9
Band	F	(1)	X	0	=0
Biology	D	4	X	1	=4
Spanish	C	5	X	2	=10
History	A	3	X	4	=12
Total		16			=35

Total Credits Earned.....15

Grade Point Average..... (35 divided by 16) = 2.1875

The cumulative average is obtained by dividing the total number of quality points accumulated at a given time by the total number of credits undertaken while they are being earned.

Physical education activity classes do not have grades computed in the academic grade point average. Grades earned in college preparatory courses are not computed in the academic grade point average.

Grades awarded for developmental courses (as defined by CCHE as Basic Skills courses) will not be included in a student's grade point average (GPA). Grading for developmental courses will utilize the developmental grade mode (P/A, P/B, P/C, F/D, F/F). The credits will count toward earned and attempted credits. GPAs for term recognition such as President's List, VP List, and Dean's List will not include developmental courses in the calculation.

Mid Term Assessment and Final Exams

All students are assessed near the middle of each term.

This academic assessment provides the student with a midterm grade review to plan needed improvements before final exams. All students assessed at a D or F grade level may be contacted for referral to the Student Success Center or Monahan Learning Center.

Final Exams

Final exams are held in all subjects according to the published schedule. No examinations should exceed two hours in length.

Should any unusual circumstances require a special examination at a time other than the scheduled time, special authorization must be approved by the Department Chair and instructor involved.

Scholastic Honors

Northeastern promotes and encourages scholastic achievement. Students who earn a Term Grade Point Average (TGPA) of 3.50 - 3.749 while carrying a minimum of 6 credits within one semester will be listed on the Dean's List. Students who achieve a Term Grade Point Average (TGPA) of 3.75 – 3.99 while carrying a minimum of 6 credits within one semester will be listed on the Vice President of Academic Affairs List. Students who achieve a TGPA of 4.00 while carrying a minimum of 6 credits within one semester will be listed on the President's List. This honor roll is published each semester.

Students with incomplete grades for the semester are not eligible. P/F grades and grades for Developmental Education coursework are not included in the Grade Point Average Calculation. Students must complete a minimum of 6 eligible credit hours in the term to be considered for Term Academic Honors.

Phi Kappa Theta/PTK

PTK consists of student members who have completed at least 12 hours of associate degree course work with a cumulative GPA of 3.50. Membership is by invitation only.

Athletic Scholastic Honors

Students with a minimum of twelve credits with a cumulative GPA of 3.50 and participating in athletics are given to students. Each scholastic honors athlete receives a certificate denoting this achievement.

Due Process for Grade Change

Purpose

A final grade must remain a professional educational decision made strictly by the faculty member and must have the complete support and backing of the college. The integrity of the college's academic standards depends upon the grading procedures of the individual faculty member. A change of a final grade results from a personal and private appeal from the student to the faculty member.

The following procedures aim to keep the ultimate control of the final grade with the faculty member and to protect the faculty member and the college from requests that do not meet a minimum standard. The baseline of a grade change request should involve unusual and mitigating circumstances to allow the faculty member to reconsider the decision involving a final grade in question. The following conditions and procedures are required for any grade change request.

Requirements For a Grade Appeal

The student must have written academic materials or information supporting an appeal. This information must be material that the faculty member could have, by some error, misplaced, overlooked, or not included in the final grade. Other materials that assist an appeal would be schedule modification or withdrawal from college forms.

The appeal must be based upon documented material and not a challenge to the faculty member's judgment.

The appeal must be initiated within ten (10) college workdays after the start of a new grading semester. Summer is considered a grading semester.

An appeal requested ten days after the first class day of the next semester will not be considered.

The instructor of record for the class must be a continuing full-time or part-time college employee. If the instructor of record is no longer an employee of the college, then an appeal for a grade change can only be resolved through a Department Chair.

Only the student with unusual and mitigating circumstances for the request may initiate the appeal. Other parties may assist but cannot make the appeal or presentation materials for the student.

Conditions of a Grade Appeal (Final Grade Only)

Conditions for a grade change appeal include, but are not limited to, the following examples:

The grade resulted from mistaken identity, or a student was given a grade intended for another student.

The instructor inadvertently recorded the wrong grade for an assignment or failed to record a grade for a test, paper, or project. The student subsequently produced the original assignment, paper, or test results for reconsideration.

The grade was based upon the criteria of attendance and the student documents claim they attended the class sessions as required, yet the instructor has attendance records that are different from the student's records.

Grade Appeal Procedures Informal Resolution

The student should request a private discussion with the instructor to present the reasons for an informal resolution to the grade change request.

The instructor can make the grade change or reject the request without further action; no written response is required.

1. An informal resolution by the instructor must be completed within ten (10) days of the student's initial request. A non-response within ten days by the instructor of record is considered a rejection of the appeal unless the instructor of record is unavailable.
2. If the student feels the decision by the instructor of record was unfair and was not based upon current college grading practices, then a request for a formal resolution can be filed.
3. If the college no longer employs the instructor of record, the Department Chair will review the appeal and determine the resolution. No other action is available after the Department Chair and Vice President of Academic Affairs has reviewed the grade change request if Northeastern no longer employs the instructor of record.

Formal Resolution for a Grade Change Request

A Formal Resolution can occur, but is not limited to, the following: (1) If a student has attempted an Informal Resolution with the instructor of record and feels that additional impartial staff need to review the appeal; (2) If the student prefers not to seek an informal resolution with the instructor for whatever reason and wants impartial staff to review the appeal.

Procedures for a Formal Grade Change Appeal

- The student can appeal the instructor's decision by obtaining a Grade Change Petition from the Northeastern Records Office. The Grade Change Petition must be initiated within the first 10 days of the next grading period. Copies of the petition will be filed with the Records Office, the Instructor, and the Department Chair. If an informal attempt has been made, the ten-day limit will begin after an informal resolution has been tabled or denied.
- The Registrar will review the appeal and research the files for materials pertaining to the class and grade involved. The Records Office will forward all findings to the course instructor and the Department Chair. The Instructor will provide all grading materials to the Department Chair about the student and grade involved. Materials from the Records Office and the Instructor will be forwarded to the Department Chair within five days of the request.
- The Department Chair will review all material relating to the appeal and review the best possible resolution with the Instructor. Based upon the Department Chair's review of all related materials, personal interview of the Instructor and possibly the student, the Department Chair will respond to the Grade Appeal. The Department Chair will give a written response within ten (10) days after receipt of the materials.
- The student may appeal the Department Chair's decision to the Vice President of Academic Affairs. This appeal must include the Grade Change petition and significant and mitigating reasons for the continued appeal. The Vice President of Academic Affairs will confer with the President and respond in writing within 10 days of receiving the Grade Petition.
- The student may appeal the VPAA's decision to a President's Academic Hearing Board. This board appointed by the President will consist of three faculty representatives, two professional staff, and three students (who could be ASG Officers or ASG Senators). The President's Academic Hearing Board chair must be selected from the membership to ensure an impartial decision. This appeal must include the Grade Change Petition and significant and mitigating reasons for the continued appeal.
- The Hearing Board will forward a response to the President within ten days of receiving the Grade Petition. The President will respond to the student's appeal within five days of receiving the Hearing Board's recommendation. The President's response is final.

Colorado Online@ Consortium

As of Fall 2024, the Colorado Community College System (CCCS) has transitioned all online courses and services to be delivered collaboratively through the Colorado Online @ Consortium. CCCS has built on the strengths of all 13 colleges, CCCOnline, and the system office. At the core of this change is aligning the responsibility for all online instruction with the colleges, and centrally aligning all core online services that support instruction in the most scalable, sustainable, cost effective, and efficient manner across the system. The goal is for all students, regardless of geographic location, to have access to high-quality online courses, programs, and services.

Academic Degree Requirements

Northeastern Junior College offers Associate of Arts, Associate of Science, Associate of Applied Science, Associate of General Studies Degrees, and Certificates in individual career/technical and general studies programs.

Internship, On-The-Job Training, and Clinical Training

These courses are supervised, cooperative education arrangements between the college and an employer. The courses provide the students with work experiences relevant to their technical program and personal career interests. The work and study calendar varies by program and may be adjusted as appropriate to individual interests, needs, or the availability of work opportunities.

The CTE Program Coordinator or OJT instructor will provide course objectives to the work centers. A weekly class session will be held between student and instructor to review assignments and course objectives. Cooperative Work Experience students and instructors will follow the same procedures.

Work experience is integral to career programs such as Nursing, Agribusiness, Early Childhood Professions, Production Agriculture, and Equine Management; therefore, certain courses have special credit hour and clock hour designations.

Minimum Clock Hours Required	Semester Credit Hours
320	8
200	5
160	4
80	2

One credit given for each 40-contact hours of work.

Cooperative Work Experience

Cooperative Work Experience offers an extension and application of classroom instruction through the college and an employer who supervises work experiences closely related to the student's educational and career plans. The student's faculty advisor, department chair, and cooperative education coordinator must approve job placement and credit allocation.

Cooperative Work Experience has special credit hours and clock hour designations. A minimum of 40 clock hours of work experience is required for each semester credit hour.

Minimum Clock Hours Required	Semester Credit Hours
240	6
200	5
160	4
120	3
80	2
40	1

CWE 187 indicates freshman cooperative work experience enrollment and CWE 287 indicates sophomore enrollment. The designation a, b, c, and d indicates first, second, third, or fourth enrollment in cooperative work experience per year.

Cooperative Work Experience credit may be applied toward certificate or degree requirements with the following limitation:

1. A maximum of 8 credit hours (per semester) of cooperative work experience may be applied toward graduation requirements.
2. Cooperative Work Experience credits are general electives and may not replace general education requirements or required courses for a major(s).

Benefits to the student include:

- Enhanced learning through practical work experience related to the individual's major area of study.
- Work experience becomes a part of the student's permanent record (college transcript) and may be valuable when seeking future employment.
- The grades earned are included in the student's cumulative grade point average.
- A high school student may enroll in Cooperative Work Experience with the approval of the student's faculty advisor, department chairperson, and cooperative education coordinator. This approval must be granted prior to enrollment in Cooperative Work Experience.
- Wages earned.

Independent Studies

Independent study provides an opportunity for the above-average student to do independent research in areas not covered in the regular curriculum or explore a topic covered in a class in much greater depth. A supervising faculty member must arrange each independent study project in advance. The standard tuition charge will be assessed. A maximum of four (4) credit hours may be applied toward graduation requirements.

Prior Learning Assessment (PLA)

“Prior Learning” is 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
 - a. College Level Examination Program. (CLEP)
 - b. Advanced Placement. (AP)
 - c. International Baccalaureate. (IB)
2. Institutional Challenge Examinations
 - a. Examination equivalent to the comprehensive final exam.
 - b. Examination may be written, oral, demonstration, or a combination of all three.
 - c. Evaluated by an area dean or designated subject expert.
3. Published Guides
 - a. American Council on Education (ACE) for military training and experiences.
 - b. ACE (non-collegiate) for industrial and corporate training programs.
 - c. Other published guides developed by nationally-recognized organizations.
4. Portfolio Assessment
 - a. Portfolio requirements and assessments determined by college faculty for work or life experiences that meet the following criteria:
 - i. The learning is demonstrable.
 - ii. Includes both theoretical and applied components.
 - iii. Are at the college level.
 - iv. Are equivalent to specific college course(s) in the student's program of study.

To be eligible to apply for PLA:

1. You must be an NJC student.
2. PLA credit must be directly applicable to your declared certificate or degree program as outlined in the NJC catalog.
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 NJC 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 NJC Student Success Center to start the process.

Official cumulative, permanent records must be established and maintained for all students who have been awarded credit from prior learning experiences. Official NJC 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 NJC Records Office.

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

Prerequisites

A prerequisite is a requirement - or its equivalent - which must be met before a student is admitted into a course. A prerequisite is generally another Northeastern Junior College course or a demonstrated proficiency. Prerequisites may be waived based on diagnostic testing or the recommendation of an appropriate faculty member or Department Chair.

All students at the college are expected to demonstrate proficiency in basic communication, mathematics, and reading skills necessary to be successful in college-level courses. During registration orientation sessions, basic skills are evaluated for course advising and placement for success. Previous educational records and diagnostic testing will also be considered for optimum course selection and advising.

Resident Credit

A degree candidate must satisfactorily complete a minimum of 15 credits from Northeastern Junior College. For certificates, at least 25% must be completed in residence.

Graduation Requirements

The catalog used during the student's first semester is the reference for determining degree or certificate completion requirements.

The effective catalog may, however, be no more than six years old at graduation, i.e., if a student takes longer than six years to complete a degree or certificate, newer catalog requirements will be used. A student may elect to meet the requirements of any subsequent catalog published the previous six years from the graduation date, including the current year.

A student who has a break in college enrollment of two consecutive semesters or more, excluding the summer semester, must meet the Program Requirements of the catalog in use at the time of readmission. Any previously completed Northeastern Junior College occupational course work may be subject to an evaluation of relevancy to any revised program.

If the student previously enrolled in an occupational program that has been discontinued, the student cannot re-enroll in that program.

The college reserves the right to substitute courses for those no longer offered, to modify course content at any time, to approve the substitution of one course for another in any program or degree, or to waive any course prerequisite or co-requisite.

All lower-division undergraduate credit hours awarded within the prior ten years will apply towards completing the graduation requirements. Credits more than ten years old will receive careful consideration.

In conjunction with the Department Chairs of the respective academic divisions, the Registrar reserves the right to examine courses over ten years old to determine their currency and applicability to existing curriculum and programming before credit is accepted.

Graduation Application

Students who expect to graduate must complete an Application for Graduation by the beginning of their final semester. Applications for Graduation can be completed online with assistance from the student's advisor and/or Department Chair.

Graduation Honors

Graduation honors recognize outstanding academic achievement throughout a student's academic career at the home institution. The honors are awarded to students who complete the requirements for an associate degree, complete 30 credits at NJC, and earn a 3.5 or better cumulative grade point average at the institution. Only college-level courses completed at the institution will be included in the GPA calculation.

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

- Cum Laude ("with honor") 3.50 to 3.749 Cumulative GPA
- Magna Cum Laude ("with great honor") 3.75 to 3.99
- Summa Cum Laude ("with highest honor") 4.00 Cumulative GPA

Academic Standards

Application

The college will monitor satisfactory progress through an Academic Alert process for students who have completed fewer than nine credit hours. These students are not subject to Academic Standing.

Academic Standing applies to all students who have attempted nine or more credits at a CCCS college regardless of the number of term credits they attempt from that point forward. Academic Standing shall be applied consistently and uniformly within each CCCS institution.

All colleges will determine Academic Standing after posting the majority of term grades for each semester. Students placed on probation or suspended will be notified of their status. Suspended students will not be allowed to attend any CCCS college in the subsequent semester(s) unless an appeal is approved. Academic Standing status will be noted on the advising, official, and unofficial transcripts. A student's Academic Standing is not specific or limited to the home institution and impacts a student's enrollment at other CCCS colleges.

Principle

Designates a practice for measuring and notifying students of their academic standing.

Guideline

Recognizing the value of measuring academic progress for all students, the Colorado Community College System (CCCS) has established the following practice and procedures for measuring and notifying students of their 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 to be a successful student in our colleges.

CCCS colleges are encouraged to devise and implement appropriate Academic Alert strategies early in the term to assist students experiencing academic difficulties. A student's academic standing at one college will impact academic standing at another CCCS college.

Definitions

Only college-level classes are used to calculate term and cumulative GPAs. This includes summer term courses.

Only courses taken "in residence" will be used for this procedure; "in residence" means taken at the student's home institution. Courses taken elsewhere and transferred in do not apply. The GPA calculations for this procedure may not match those used for financial aid purposes or athletic eligibility.

Cumulative Grade Point Average is abbreviated as CGPA. Term Grade Point Average is abbreviated as TGPA.

Practice Standards

Initial Standing

The student has completed fewer than nine cumulative credit hours with a CGPA is equal to or greater than 2.00 for all classes completed.

Academic Alert

The student has completed fewer than nine cumulative credits with a CGPA less than 2.00 for all classes completed.

Good Standing

The student has completed at least nine cumulative credit hours and has a CGPA greater than or equal to 2.00 for all classes completed.

Performance Support

The student has completed at least nine cumulative credit hours and has a CGPA less than 2.00 for all completed classes. This value was previously referred to as "Academic Probation."

Returning Support

By the conclusion of the Returning Support term, the student must raise their CGPA to at least 2.00. If this condition is met, the student returns to Good Standing.

Performance Improving

If a student on Performance Support or Returning Support earns a TGPA of at least 2.00 for all classes completed during the term but fails to raise their CGPA to at least 2.00 for all classes completed, the student will be allowed to attend the next term as Performance Improving. This value was previously referred to as "Probation Continuing."

- As long as the student continues earning a term GPA of at least 2.00 during each term, they will be permitted to continue attending. The student will remain on Performance Improving until the cumulative GPA is at least 2.00, at which time they will return to Good Standing.
- If the student does not earn a term GPA of at least 2.00 while on Performance Improving, they will be placed on Academic Suspension.

Academic Suspension

If a student on Performance Support, Returning Support or Performance Improving earns a term GPA of less than 2.00 for all classes completed during the term, the student will be suspended and will not be allowed to enroll at the College issuing the suspension for the next term unless an appeal is approved. The student may be dropped from all registered courses for an upcoming term at the College based on the College's procedures.

Suspension Rules:

1. Summer term may be used as a "suspension term."
2. All suspensions are for one term.
3. If a student who has served the suspension wishes to return, the student will be allowed to re-enroll only after meeting with an academic advisor at the CCCS College that the student wishes to attend. The student will be placed on Returning Support for their return semester.

Suspension Appeals:

1. Students may appeal their suspension based on procedures identified in the Northeastern Academic Standards Handbook.
2. If the student's suspension appeal is approved, the student will be placed on Returning Support.
3. If the student's suspension appeal is not approved, they will be dropped from all courses registered for the upcoming term at their home college. Students are ultimately responsible for their enrollment and must check their enrollment schedule for accuracy.

4. The student needs to check with Northeastern Student Services regarding enrolling for summer term classes.

Academic Appeal Procedure

Any student suspended for the next semester has the right to appeal. The following procedures will be followed:

After notification of suspension, the student must write a letter for reconsideration of this action to the Chair of the Academic Standards Committee requesting to be re-admitted on academic warning, stating all reasons for this consideration. This letter must be received before the academic standards review date.

The Academic Standards Committee will review the student's academic record and appeal letters. The chair will consider the committee's recommendation and inform the suspended student in writing if re-admittance is approved or denied.

The Academic Standards Committee can require a re-admitted student to take a specific course load, take the success seminar, assign counseling, or train the student to have successful study skills. Weekly progress checks can also be part of the re-admittance requirements.

Any re-admitted student who shows little or no academic progress (more than two D or F grades at midterm) based upon the mid-term report of the re-admit term may be administratively withdrawn and placed on suspension.

Academic Assistance - Full-Time Students

All full-time students (enrolled in more than 12 credits) placed, continued, or re-admitted on Academic Warning are required to do the following:

1. The student may be scheduled for up to eight (8) weekly success appointments or enroll in a student success seminar as determined by the Student Success Team.
2. The student may be assigned weekly study skills assistance in the Monahan Learning Center with tutors or help sessions as determined by counseling/or study skills evaluation.
3. The student will continue the counseling appointments and study skill assistance in the Monahan Learning Center if academic progress is insufficient by mid-semester.

Academic Assistance - Part-Time Students

All part-time students (enrolled in fewer than 12 credits) placed, continued, or re-admitted on Academic Warning are required to do the following:

1. Consult an academic advisor or Student Success Team to review the student's academic transcript and plan tutorial or personal assistance before completing preregistration for additional classes.
2. Receive an academic advisor's or Student Success Team's approval to enroll in any classes while on academic warning.
3. Part-time students enrolled in day or evening classes at locations that are not on the NJC Sterling campus (e.g. Yuma, Haxtun, Holyoke) are encouraged to seek weekly progress appointments with a Student Success Team member to enroll in a student success class or request tutorial and study skill assistance at a convenient place and time.

Satisfactory Progress - Financial Aid

Because of increased demands from the public and federal and state authorities, regulators are placing increased accountability standards on colleges and universities. One of these standards is a satisfactory academic progress policy for financial aid recipients.

The policy monitors three different aspects of a student's academics: 1) Course Completion Standards, 2) Qualitative Standards, and 3) Quantitative Standards.

Academic Progress - Summer Term

No matter when the suspension was instituted, a first-year student on academic suspension may enroll for the summer term. If the student on academic suspension achieves above 1.50 GPA for the summer term, earning five credit hours or more, the suspension is changed to an academic warning. The student could continue the next academic term on academic warning.

Academic Assessment Program

General education at Northeastern leads students to career, technical, and transfer competencies. The skills and abilities developed through general studies enable students to pursue personal, professional, and academic goals. NJC has established five institutional learning outcomes; upon graduation, all NJC students, regardless of program or credential, will be able to do the following:

1. Think critically and creatively to solve problems.
2. Communicate ideas, values, and perspectives effectively.
3. Demonstrate skills to fulfill professional expectations and prepare for chosen career.
4. Recognize the interconnectedness of global, national, and local concerns in regards to cultural, political, social, and environmental issues.
5. Apply scientific and mathematical concepts.

Student Services

Student Services at Northeastern provides a variety of essential services, programs, and learning support for all students and staff. Student Services provides the “out of class” support and social environment to enhance academic and personal achievement.

Student Services programs develop student access to programs of leadership, residence halls, athletics, intramurals, financial assistance, student activities, and student government. The college encourages and promotes participation and utilization of the following activities and services.

Campus location and phone numbers

Vice President Student Services

Student judicial affairs, enrollment and retention, and student advocacy.
Hays Student Center, Room 113, (970) 521-6657

Student Government

Associated Student Government (ASG), Campus Activities (CAB), and Student Senate.
Hays Student Center, Room 113, (970) 521-6655

Admissions

New student admitting and recruiting process and campus visits.
Hays Student Center, Room 105, (970) 521-7000

Student Success Center

Academic advising, Student Guidance Coordinator, career planning, assessment, placement testing, transfer advising, concurrent enrollment, student success seminar, and Education to Career Coordinators.
Hays Student Center, Room 104, (970) 521-6663

Financial Aid

Student financial assistance, scholarships, grants, loans, work-study, and Veterans Administration benefits.
Hays Student Center, Room 102, (970) 521-6800

Food Service

Contracted operation for cafeteria.

Hays Student Center, Room 103, Pete's Retreat, phone number: (970) 521-6996

Health Services

Family Care Clinic or Banner Health Care Clinic

615 Fairhurst St or 102 Hayes Ave, Sterling, CO 80751, phone number: (970) 521-3223

- For information on other health services provided by Northeastern, please visit the Student Success Office or the Residence Life Office.

Residence Life

Residence hall contracts, meal plans, room assignments, and residence hall activities.

Hays Student Center, Room 113, (970) 521-6608

Records

Registration, add, drop, withdrawal of courses, grade processing, official transcript issuing, graduation and commencement, transfer credit evaluations, graduation evaluations, athletic eligibility, and change of major.

Hays Student Center, Room 102, (970) 521-6700

Bookstore

Textbooks, supplies, clothing, and gifts.

Hays Student Center, Room 106, (970) 521-6789

Campus Safety and Security

Clery Act, Life and Fire Safety information, and emergency notifications. Hays Student Center, Room 104, (970) 521-6683

IT Help Desk

Walker Hall, Basement, (970) 521-6805

Residence Life - Housing

Residence Halls

Each residence hall is under the leadership of a professional Residence Hall Director or Resident Assistant staff. The staff is carefully selected and receives extensive training. Together they provide a living and learning community whereby each resident has the opportunity to make new friends, grow individually, and receive support for their academic endeavors.

Residence Life Policy

All first-year students with less than thirty (30) semester credit hours earned are required to live in the residence halls for two semesters and/or until thirty (30) semester credits are earned. Exemptions to this policy are first-year students who are:

1. Over twenty-one years of age,
2. Married,
3. Have minor dependent children,
4. Commuting to Northeastern from a parent/guardian's residence within a 60-mile radius,
5. Serving in the military.

Freshman students will be required to contract for two semesters. Students who do not meet the exemptions above and choose to live off campus will be charged one half of a semester standard room/board rate.

Contract

The Residence Hall Contract, from the beginning date of the contract period, binds the resident to the length of contract. All students residing in the residence halls are required to purchase a meal plan in conjunction with the Residence Hall Contract. Students may choose between the following meal plans:

- 10 meals per week + 150 flex points
- 14 meals per week + 100 flex points
- 19 meals per week + 50 flex points
- 75 meals per semester + 150 flex points
- 100 meals per semester + 100 flex points

*Off-campus students may purchase meals daily or purchase a prepaid meal plan through the Cashier's Office.

Room Assignment Policy

All residents must pay a \$150.00 housing deposit and complete a Residence Hall Application to reserve accommodations. Colorado law requires college students born since January 1, 1957, to be immunized against measles, mumps, and rubella. All students under the age of 19 must show proof of immunity if they attend a college or university with on-campus housing.

For all public and non-public post-secondary institutions in Colorado, state law requires that each incoming first-year student residing in student housing or any student who the institution requires to live on campus must submit to Northeastern proof (i.e., a standard certificate indicating immunizations were administered to the student) of immunization or the student must sign a waiver stating they have reviewed information on meningococcal disease and acknowledge the potential health risks associated with bacterial meningitis or meningococcal disease and have decided not to receive the vaccination. If the student is under the age of 18 years, the student's parent or guardian provides this information.

Contract Release

The Residence Hall Contract is a legal and binding document for services rendered or reserved. The Department of Residence Life realizes, however, that circumstances may change once students move into the residence halls, and for that reason, the following guidelines will govern a Contract Release request:

1. **Medical:** The resident has developed a specific medical situation which prevents him/her from fulfilling the terms of the contract. A medical verification which specifically states the nature of the medical situation and why it contributes to the resident's contract. A release request must be supplied by a health care professional (on the physician's letterhead with signature) and must accompany all requests for a release based on medical reasons.
2. **Financial:** The resident's financial situation has undergone an involuntary change, which was beyond his/her control when the Residence Hall Contract was first signed. A Student Financial Profile must be supplied by the Financial Aid Office for all financially related requests for a release or documented financial records indicating an involuntary change.
3. **Extenuating Circumstances:** The resident has undergone situations, other than financial or medical, which the resident feels warrant a release from their contract. Extenuating circumstances require verifiable documentation.
4. **Graduation:** The resident has met all requirements for graduation from NJC at any point during duration of the contract. Verification must be received through the Records Office.
5. **Waiver from First-Year Housing Policy:** The resident meets any one of the criteria listed in Section 1, subsection 2 of the Residence Hall Contract. Documentation will be required.

In all cases, a letter from the resident and a parent must accompany all requests for a contract release. This letter must state, in detail, all circumstances surrounding the release request.

If a resident is granted a contract release for one of the five reasons listed above, their deposit will be refunded (less damage charges or outstanding balance on student account) and their remaining room and board balance will be refunded.

Refunds of Room Deposits

Housing deposits of \$150.00 will be refunded only in accordance with the following procedure:

A full refund of the deposit will be granted if the written request is postmarked/submitted on or prior to July 1 of that year for the Fall Semester and December 1 for the Spring Semester or within 30 days of initiating the contract. Requests after the designated dates will not be honored and the deposit forfeited. Students on waiting lists for hall assignments after July 1 or December 1 are not subject to a forfeiture of deposit.

Food Services

The college has one main cafeteria that seats three hundred people with the option of banquet facilities to accommodate four hundred fifty persons in the Hays Student Center Ballroom. The college contracts the food services operation to a private company; the current vendor is Aladdin.

Northeastern requires all student residents to contract for a meal (board) plan while living on campus.

Each student is issued a photo ID that has their meal plan encoded. The ID card gives the student access to the cafeteria for their selected meal plan.

The cafeteria is open the days the residence halls are open and closed for the major breaks, such as between semesters, Thanksgiving Break, and Spring Break.

The food service company strives to serve students with various menus, quality service, and unlimited seconds for most meals. Special catering is available upon request for any location on campus. Purchasing food catering or food service from vendors other than the contracted food service company is prohibited.

Academic Standard for Returning Residence Hall Students

Returning students wanting to reside in the residence halls must have at least a 2.00 CUM GPA. Incoming first-year students will have a year to show sufficient academic progress for continued residence on campus.

Health Services

The Family Care Clinic and the Banner Health Care Clinic serve Northeastern students. They are located at **615 Fairhurst in Sterling or 102 Hayes Avenue in Sterling** (depending on the appointed doctor). Both clinics are fully staffed and provide front line health care. Full-time students (12 credit hours or more) may be seen by staff without charge. Other minimal fees are assessed to all patients to cover the cost of materials such as strep screening, urine screening, any lab procedures, and supplies such as braces, condoms, bandages, etc. Students can make an appointment by calling **970-521-3223**.

Associated Student Government

All students are encouraged to participate in student clubs and organizations for their personal growth and recreation. The Hays Student Center has student-designated areas such as the Legislative Chambers, the Student Government Office, and various meeting rooms and lounges. Northeastern recognizes the satisfaction and the contribution to personal and social development from participation in group activities outside the classroom. The central control system of student activities is placed in the hands of the students through their duly elected representatives in the Associated Students of Northeastern, which includes all students and operates under a constitution adopted by students.

Associated Student Government (ASG)

Membership includes every member of the student body. Associated Student Government of Northeastern is headed by officers elected by the student body and functions through representatives of the academic divisions and chartered organizations. Any member of the Associated Students of Northeastern is welcome to attend the weekly meetings of ASG and may participate in the business meeting. ASG concerns itself with student affairs and campus life.

Campus Activities Board (CAB)

The Campus Activities Board is composed of representatives from all organizations on campus and is chaired by the second vice president of the ASG. This board correlates campus activities and allocates student activity funds set aside by Student Senate for campus life.

Student Senate

The Student Senate is composed of full-time students elected proportionally from the academic and occupational divisions of the college and headed by the first vice president of ASG. Its responsibilities include legislation concerning all students and allocation of student activity funds to Campus Activities Board for student activities and all other expenditures, including publications and special requests.

Chartered Student Organizations & Student Clubs

Student Clubs

- **Aggies Club** Contact Person: Larry Pollart; (970) 521-6640
- **Art Club** Contact Person: Celeste Delgado-Pelton; (970) 521-6754
- **Auto Tech Club** Contact Person: Layton Peterman; (970) 521-6794
- **Cosmetology Club** Contact Person: Martha Conner; (970) 521-6869
- **Criminal Justice Club** Contact Person: Chad Borgmann; (970) 521-6704
- **Book Club** Contact Person: Donna Brady-Lawler; (970) 521-6725
- **Diesel Power Club** Contact Person: Justin Mertens; (970) 521-6868
- **Equine Club** Contact Person: Cole Briggs; (970) 522-6913
- **Hook n Ladder Co. 41 Club** Contact person: Brady Ring; (970) 521-6708
- **Math and Science Club (AKA Outdoor Recreation)** Contact Person: Katie Thompson; (970) 521-6724
- **Nursing (ADN) Club** Contact Person: Alexes Ertle; (970) 521-6701
- **Philosophy Club** Contact Person: Clint Rothell; (970) 521-6764
- **Rodeo Club** Contact Person: Shelby Winchell; (970) 521-6646
- **The Source- On campus Christian Ministry** Contact Person: Andrew De Souza; (970) 521-6683 or Crystal Frank; (970) 521-6667

Student Organizations

- **Ambassadors** Contact Person: Camille Rose; (970) 521-6952
- **Associated Student Government** Contact Person: Brant Davis; (970) 521-6655
- **Campus Activities Board** Contact Person: ASG 2nd Vice President; (970) 521-6628
- **Choir and Contemporary Choir** Contact Person: Celeste Delgado-Pelton; (970) 521-6754
- **Concert Band and Jazz Band** Contact Person: Lee Lippstrew; (970) 521-6713
- **Honors Program** Contact Person: Jeri Garrett; (970) 521-6654
- **Intramural Sports** Contact Person: Brian Schaefer; (970) 521-6621
- **Livestock Judging** Contact Person: Lindsey Carlson; (970) 521-6638
- **Peer Helpers** Contact Person: Alan Coffin; (970) 521-6721
- **Phi Theta Kappa (PTK)** Contact Person: Jeri Garrett; (970) 521-6654
- **Residence Life** Contact Person: Brant Davis; (970) 521-6655
- **Senate** Contact Person: ASG 1st Vice President; (970) 521-6627
- **Student-Athlete Advisory Council** Contact Person: Brian Schaefer; (970) 521-6621
- **Theatre Productions** Contact Person: Nathan Robinson; (970) 521-6706



Athletics

Intramurals

Intramural Sports (competition within the student body) are set up on a team, dual, and individual basis. Intramural sports stress maximum participation, good sportsmanship, and freedom to choose activities.

Intercollegiate Athletics: Men And Women

Varsity Sports: Varsity sports are coordinated by the Director of Athletics. Northeastern is a member of the Region IX of the National Junior College Athletic Association.

Current sports are women's volleyball, men's and women's basketball, baseball, women's softball, men's and women's soccer, men's and women's golf, and wrestling. Participants in these activities have an opportunity to develop athletic prowess, leadership ability, and skills in working with others in the accomplishment of a common goal.

Additional Athletics

Today, College Athletics has a much broader reach that we support at NJC. We have a college sanctioned Rodeo Team and Livestock Judging Team, and our Equine Program competes in a variety of Ranch Horse events around the region. NJC also has a college Trap Shooting Team who shoots locally, but our scores are ranked against other community colleges around the country, and our eSports Team is very competitive in sanctioned collegiate competition. We also support a cheer team who will start competitions in 2025. There is a lot going on throughout our small campus!

Student Success Center

Advising

Advising is required for new students in degree or certificate programs and is strongly recommended for all other students.

Advising is done by the student's assigned faculty advisor (with services provided by the Student Success Center if the faculty advisor is unavailable). The following services are provided:

- Explanation of basic skills (placement) results and assistance in selecting classes to resolve any academic deficiencies.
- Help in choosing and registering for classes for the first semester of enrollment.
- Information on course sequence and prerequisites.
- Help in adding or dropping classes.
- Assistance with changing a course of study or faculty advisor.
- Advising on classes when a faculty advisor is not available.
- Advising on transferring to a four-year institution.

Student Guidance Coordinator

Between classes, work, family, finances, and regular life events, college students encounter a great deal of stress throughout their education. While most students cope successfully with the demands of college life, for some, the pressures can, at times, become overwhelming and unmanageable. At those times, the Student Success Center offers support and referrals.

Career Planning

The Director of Student Success, Equity & Inclusion also assists students with clarifying their career goals. They help students choose the Northeastern education program that best fits their needs. Once the course of study is selected, students are provided with assistance to choose the appropriate courses that will meet their goals. The following services are provided:

- Career coaching (individual and group) to help with decision-making, goal setting, and choosing a college course of study.
- Career assessments to match personal characteristics with occupational options.
- Assistance with career or job placement skills.
- Resume, cover letter, and interview prep.

Colorado Opportunity Scholarship Initiative (COSI)

"The Colorado Opportunity Scholarship Initiative was created to increase the attainment of postsecondary credentials and degrees for underserved students in Colorado. The project addresses the challenge of postsecondary attainment in two ways: accessibility and affordability. To increase accessibility, the Scholarship Initiative funds programs that will help prepare students for postsecondary education, as well as support them through completion. To increase affordability, the Scholarship Initiative provides tuition support via matching funds for community scholarships, so that tuition costs are not a barrier to entry and student loan debt can be mitigated. By increasing student success programs and financial resources, the Scholarship Initiative's efforts will result in greater postsecondary access, persistence, and completion for Coloradans."

Our COSI E2C Coordinator provides services to Northeastern's COSI Scholarship recipients and travels to 7+ high schools in our five-county service area to assist high school students with:

- Academic Advising (including concurrent enrollment)
- Family Engagement Events and Resources
- Financial Aid Assistance: FAFSA and Scholarship Completion
- Career Exploration
- College Exploration Services
- College Major Advising
- College Enrollment and Transition Process
- Career-Ready Services: Job Search, Resumes, etc.

Behavioral Intervention Team

The Northeastern Behavioral Intervention Team (BIT) is a trained group of caring Northeastern faculty and staff professionals who meet regularly to support our students via an established protocol. The team tracks "red flags" over time, detecting patterns, trends, and disturbances in individual or group behavior.

The team receives reports of disruptive, problematic, or concerning behavior or misconduct (from faculty and staff members, students, community members, friends, etc.) and conducts an investigation, performs a threat assessment, and determines the best mechanisms for support, intervention, warning/notification, and response. The team then activates the resources of the college and/or the community and coordinates follow-up. BIT is a specific model that has no parallel. The Northeastern BIT is made up of the following campus personnel: Vice President of Student Services, Athletic Director, Student Success Specialist, Transition Specialist, Director of Academic Support Services, Director of Student Success, Equity & Inclusion, Director of Residence Life and Student Activities, Student Guidance Coordinator, and Campus Safety Coordinator. For more information, contact the Vice President of Student Services at 970-521-6657.

Student Success Specialist

The Student Success Specialist provides academic advising, mentoring, and support for students, with a special emphasis on those from historically underserved and/or underrepresented groups. This position also coordinates New Student Orientation and Early Alerts and works faculty referrals for student that are identified as "at risk" of failing a class.

Testing Center

The testing center administers placement testing and certification tests to students and the community.

Concurrent Enrollment for High School Students

Northeastern's CE (Concurrent Enrollment) Program allows high school students to enroll in college courses concurrently. High school students earn both high school and college credits. Concurrent credits earned through Northeastern are recorded on a Northeastern transcript.

Students must be approved by their high school for enrollment in concurrent enrollment courses. Guidelines for student eligibility include:

1. Demonstration of readiness to take college courses employing acceptable assessment scores.
2. Demonstrate the skills or knowledge necessary to succeed in the concurrent enrollment course through previous high school work.
3. Completion of all high school and college prerequisites.
4. Must be associated with a Colorado High School and have a SASID (State Assigned Student Identifier) number assigned.

Please check with your local school district regarding their policies concerning concurrent enrollment.

Northeastern's Concurrent Enrollment program:

- Lowers the initial higher education cost by providing each student college credit at low or zero cost.
- Prepares students for a smooth transfer to college by providing the experience of being a college student.

All courses administered through Northeastern's concurrent enrollment program conform to college academic standards of rigor and Colorado Community College System (CCCS) curriculum outcomes.

Concurrent enrollment courses can be applied towards a degree or certificate at Northeastern or can be transferred to another college or university.

For more information about Northeastern's concurrent enrollment program, contact the Student Success Center at (970) 521-6663 or the Office of Concurrent Enrollment at (970) 521-6675.

Concurrently enrolled students and their high school counselor will need to work with Northeastern to develop a post-secondary educational plan.

1. Students who have earned 12 college credit hours are encouraged to meet with a Northeastern advisor to help ensure classes fit their degree plan.
2. For our CE students to fully experience high school opportunities and college experiences, Northeastern strongly encourages high school concurrent enrollment students to take no more than 17 college credit hours per semester.

Monahan Learning Center

The Monahan Learning Center (MLC), located in Knowles Hall, meets the individual academic needs of any Northeastern student. The MLC staff is committed to every student's success regardless of their major or subject area.

The MLC provides academic and personal support services to approximately 1,300 students yearly, including preparatory classes, workshops, study groups, personal tutoring, and accommodations for disabilities.

A full-time, professional staff provides a friendly atmosphere where students can work one-on-one and in small groups to help students achieve the best possible academic performance. Professional Instructional Specialists tutor students in all majors for courses offered on the Northeastern campus.

Students selected for their high-grade point averages and demonstrated academic performance in their majors provide high-quality tutoring services from a student-to-student point of view.

The MLC offers a computer lab with internet access, word processing, other software programs, and printers for student use.

Personal Tutoring

Personal tutoring may be scheduled with either Instructional Specialists or Learning Assistants. Tutoring appointments typically run 30-50 minutes and focus on course subject matter, test preparation, and study skills. Surveys show that students consider tutoring a key to academic success. Study groups and personal tutoring are based on student preparation for each session and active student participation. Personal tutoring has enhanced the success of students in upper-level courses, including biology, chemistry, and advanced mathematics. Students may make tutoring appointments in person or by calling the MLC at (970) 521-6791. One-time and permanent appointments are available.

Study Groups

When several students in the same class request academic assistance, Instructional Specialists and Learning Assistants form small study groups. The groups may occasionally meet—just before exams and major assignments—or on a regular, weekly basis.

The study groups require that students prepare for each session (completing reading assignments or textbook exercises) and participate in discussions. Historically, study groups have greatly enhanced student success in challenging subjects such as sociology, psychology, and algebra.

Adult and Community Education

Adult and Community Education Center

The NJC Adult and Community Center (ACE) offers adult learners the opportunity to develop and strengthen their basic academic and/or language skills to pursue higher education or advance in the workforce. The ACE center provides standards-based and assessment-driven instruction to provide high quality learning environments that are tailored to the needs and goals of the adult learners in the program.

The ACE program incorporates digital literacy education into our GED and ESL programs. Adult learners have the opportunity to expand on their digital literacy skills by joining the ACE Microsoft Office courses offered in fall and spring.

GED (High School Equivalency Diploma)

Adult Basic Education (ABE) is available to anyone 17 years of age or older who is not enrolled in another school under the department of education. ABE guides students in the development of their skills in reading, writing, mathematics, social studies, and science and prepares them to test for the General Education Development (GED) diploma.

Students begin a program of study leading to GED completion by attending an assessment and orientation day that places them at the appropriate beginning academic level. The length of time to GED completion varies from student to student. Students utilize traditional classroom and individualized instruction. Distance learning options are available for students who meet eligibility requirements. The Adult and Communication Education department houses a Family Friendly study space for parents.

The Adult Basic Education program is also designed to assist students in making the transition from GED completion to enrollment in degree or certificate programs at Northeastern. Contact (970) 521-6793.

The GED Testing Center, located in Hays Student Center, serves as an authorized center for the High School Equivalency Diploma Test for Northeast Colorado. Satisfactory scores on the GED tests will be accepted as the equivalent of the high school diploma. Students can call 877-EXAM-GED to schedule GED exams. Go to GED.com to create a profile or call (970) 521-6605.

English As a Second Language

English as a Second Language (ESL) classes are available to students whose first language is not English. Students learn to speak, read, and write English in a classroom setting. Students will participate in conversation with their instructors and classmates. The English language program utilizes computer programs designed to help students acquire written English skills and build confidence in their digital literacy skills.

A language skills assessment places students in beginning, intermediate, and advanced ESL courses that are taught by experienced ESL instructors. Students from countries all over the world are enrolled in ESL classes and instructors strive to create an inviting, comfortable environment in which to learn. Distance learning options are available for students who meet eligibility requirements. Childcare is available for adult education students enrolled in the English as a Second Language program.

In addition to English language skills, students are supported in exploring GED completion options or degree translation to transition to Northeastern certificate and degree programs.

Pathway to Certified Nursing Assistant (CNA)

The Pathway to CNA program is an integrated education and training program that combines industry-focused language instruction with industry workforce training. English language learners with advanced English proficiency participate in English language instruction that is focused on language skills needed to perform the duties of a CNA while concurrently attending the CNA technical training at NJC offered through the NJC Nursing program. Through this joint partnership, English language learners develop English language skills needed for their CNA, obtain technical training to prepare for pursuing a career as a CNA and for passing the state exam, and participate in on-the-job training through clinicals in a health care facility.

Student Behavioral Expectations and Responsibilities Policy and Procedures

All students at Northeastern have equal rights and privileges as accorded by the State of Colorado.

Jurisdiction

This procedure applies to behaviors from students that take place on a CCCS campus, at CCCS sponsored events, and may also apply to off-campus and to online behavior when the Senior Student Affairs Officer (SSAO) or designee determines that the off-campus or online behavior affects a substantial CCCS interest. A substantial CCCS or College interest includes, but is not limited to, the following: when the circumstances are such that there is a disruption to CCCS or College operations, a significant negative impact to the campus community, or a detriment to the educational interests of the System or College:

- Any action that constitutes criminal offense as defined by federal or Colorado law. This includes, but is not limited to, single or repeat violations of any local, state, or federal law committed in the municipality where the System or the College is located;
- Any situation where it appears that the accused individual may present a danger or threat to the health or safety of self or others; and/or
- Any situation that significantly impinges upon the rights, property, or achievements of self or others or significantly breaches the peace and/or causes social disorder.

Any online postings or other electronic communication by students, including cyber-bullying, cyber-stalking, cyber-harassment, etc., occurring completely outside of the System or the College's control (e.g., not on System or College networks, websites, or between System or College email accounts) will only be subject to this procedure when those online behaviors can be shown to cause a substantial on-campus disruption. Otherwise, such communications are considered speech protected by the First Amendment to the Constitution.

Equity Statement

The Colorado Community College System is committed to a procedure of equity and justice. We accept the responsibility to create an environment free from discrimination.

Procedure

Initiating a Conduct Process

Any member of the System community may allege a violation by any student of the Code by reporting the matter to the appropriate SSAO. The SSAO manages reports of Code violations made under this procedure and may delegate this responsibility. Students, faculty, instructors, staff, authorized volunteers, and guests are encouraged to report behavior that potentially violates the Code or that may be criminal in nature. Formal reports can be made by completing a College incident report. If the conduct is believed to be criminal in nature, the SSAO should immediately report the alleged violation to campus law enforcement or security or external law enforcement.

There is no time limit on reporting violations of the Code; however, the longer someone waits to report, the harder it becomes for College officials to obtain information and witness statements and to make determinations regarding alleged violations. Anonymous complaints are permitted, though doing so may limit the College's ability to investigate and respond to a complaint effectively.

Complaints, concerns, or reports without reasonable cause will not be pursued. Upon receipt of the report, the SSAO or designee shall review the matter to determine if it alleges sufficient information to support reasonable cause that a violation has occurred. If so, the SSAO shall promptly notify the Complainant (if any) and the Respondent in writing of the allegations and any interim action that is being imposed. Should a student withdraw from the institution prior to the conclusion of the conduct process, the College will proceed with or without the student's involvement.

The SSAO will identify a conduct resolution pathway as outlined below based on the nature of the allegations and input from the involved parties. Decisions made by the SSAO shall be final unless subject to appeal. Any outcomes and restrictions imposed take effect immediately unless the SSAO agrees to delay or stay the outcome.

Proceedings initiated under this procedure are separate from civil or criminal proceedings that may relate to the same incident. Investigations or conduct proceedings by the College are not postponed while criminal or civil proceedings are pending unless otherwise determined by the SSAO.

Interim Actions

The SSAO, in consultation with appropriate administrative personnel, may implement interim actions intended to protect the safety and well-being of the CCCS community, preserve CCCS property, address the effects of the reported behavior, and prevent further violations while the matter is under review or investigation. Interim actions may include, but are not limited to:

1. *Interim No Trespass*: The SSAO may issue a "Cease Communications," "No Contact," and/or "No Trespass" directive, also referred to as a *persona non grata*.
2. *Interim Suspension*: This interim suspension includes attending classes and events pending a final outcome. This interim suspension begins immediately upon notice from the SSAO. In cases where a student is banned from campus on an interim basis, they will be subject to immediate arrest for trespass if they are on campus until the exclusion has been lifted. A meeting with an SSAO is then scheduled as soon as possible to determine the appropriate conduct resolution pathway.
3. Any other outcome listed in this procedure below may also be imposed on an interim basis.

In all cases in which an interim action is imposed, the individual will be given the opportunity to meet with the SSAO prior to such action being imposed, or as soon thereafter as reasonably possible, to show cause why the interim action should not be implemented. The SSAO shall have sole discretion to implement or stay an interim action and to determine its conditions and duration. Violation of an interim action may be grounds for imposition of an outcome, up to and including expulsion.



Conduct Resolution Pathways

Alternative Conflict Resolution

The SSAO, in consultation with the involved parties, may determine informally resolving student conduct matters through an alternative conflict resolution process is appropriate to resolve the reported concerns. The primary focus during alternative conflict resolution remains the welfare of the parties and the safety of the CCCS community, but it does not involve a formal investigation.

Alternative conflict resolution includes, but is not limited to, dialogue, conflict coaching, mediation, restorative justice, or shuttle diplomacy. Alternative conflict resolution works best when students take responsibility for their actions, have a desire to restore the impact created in the incident, and actively participate in deciding and agreeing upon an outcome. If a resolution is reached, the matter will be closed without opportunity for an appeal.

At any time during the alternative conflict resolution process, the SSAO may elect to initiate formal investigation as deemed appropriate to resolve the matter. The parties can elect to cease the alternative conflict resolution process at any time before it concludes and proceed with a formal investigation.

Formal Investigation

Where formal investigation is designated, the SSAO shall investigate the allegations, provide the Respondent an opportunity to be heard, and render a decision as outlined below:

1. Investigation: The SSAO shall provide the Respondent an opportunity to respond to the allegations either by meeting with the SSAO to discuss the allegations or by submitting a written response, or both. The Respondent will have the opportunity to be advised by a personal advisor of their choice, at their expense, at any stage of the process, and to be accompanied by that advisor at any meeting. An advisor may only consult and advise their advisee, but not speak for the advisee at any meeting or hearing. The SSAO may remove or dismiss an advisor who becomes disruptive or who does not abide by the restrictions on their participation.

The SSAO may also conduct any other investigation, such as meeting with the Complainant (if any), meeting with other relevant witnesses, and evaluating relevant documents, information, and evidence.

2. Decision: Once the investigation is complete, the SSAO shall render a decision as to whether a violation of the Code has occurred. The determination shall be based on the preponderance of evidence standard, *whether it is more likely than not* that the student violated the Code. The decision shall address whether alleged conduct occurred, whether and how the conduct violated the Code, and impose an outcome, if appropriate.
3. Notification of the decision in writing will be provided by the SSAO to the Respondent and any other involved parties, as appropriate. The decision will include information regarding the applicable appeals process. The decision is part of the student's educational record.

Outcomes

The SSAO can implement the following outcomes as a result of finding a violation in the formal investigation process or as part of an agreed upon alternative conflict resolution. These outcomes are intended to develop an educational and restorative experience for individuals engaging with the conduct process. These outcomes may also be put in place to ensure the safety of the individual and/or the CCCS community.

Outcomes will be effective immediately upon notice to the student, except that the SSAO may delay or stay the effective date, at their discretion, upon request from the student (e.g., it may be appropriate to stay an outcome pending the resolution of an appeal).

1. **Loss of Privileges:** The student will be denied specified privileges for a designated period of time, from one to three semesters or one academic year.
2. **Building or Access Restriction:** The student will be denied access to specific campus locations, from one to three semesters or one academic year.
3. **Restriction on Visitation Privileges:** Restrictions that may be imposed on a residence hall student or non-residence hall student. The parameters of the restriction will be specified.
4. **Eligibility Restriction:** The student is deemed “not in good standing” with the College for a specified period of time, from one to three semesters or one academic year. Specific limitations or exceptions may be granted by the SSAO and terms of this outcome may include, but are not limited to, the following:
 - a. Ineligibility to hold any office in any student organization recognized by the College or maintain an elected or appointed office at the College.
 - b. Ineligibility to represent the College in any way including, but not limited to, participating in the study abroad program, attending meetings, or representing the College at an official CCCS function, event, or intercollegiate competition as a player, manager, or student coach, etc.
5. **No Contact Orders:** If a “no contact” order is issued, it is the responsibility of the student not to have any contact with the individual(s) named in the order, directly or through third parties, or electronically online until the order is officially removed by the SSAO.
6. **College Housing Reassignment:** Reassignment to another College housing facility.
7. **Restitution:** Compensation for damage caused to the College or any individual’s property. This could also include situations such as failure to return a reserved space to proper condition, including labor costs and expenses. This is not a fine, but it would be a repayment for labor costs and/or the value of property destroyed, damaged, consumed, or stolen.
8. **Referral for Treatment Assessment:** These include, but are not limited to, alcohol or drug education programs, anger management, or other relevant assessment and treatment programs. Some outcomes may include a cost or fee.
9. **College Community Service Requirements:** Completion of a specific supervised College community service.
10. **Confiscation of Prohibited Property:** Items whose presence is in violation of College policy (pipes, bongs, weapons, etc.) will be confiscated. Prohibited items may be handled, disposed of, or returned to the owner at the discretion of the SSAO.
11. **Educational Program Project:** Requirement to complete an educational or reflection project designed to support students in their understanding of the overall impact of their behavior or a requirement to attend, present, and/or participate in a program related to the violation. It may also be a requirement to sponsor or assist with a program for others on campus to aid them in learning about the violation for which the student was found responsible. Audience may be restricted.
12. **Warning:** An official notice that misconduct has occurred and/or that future specific behavior could result in more severe restrictions, conditions, and outcomes.
13. **Probation:** A period of time in which the privilege of continuing as a student is conditioned upon meeting certain requirements. Any violation or failure to comply with restrictions while on probationary status could be escalated for further outcomes, including removal from CCCS. Additionally, students on probationary status typically will be required to meet with SSAO or other College personnel for follow up meetings. Probationary status may range from one semester up to duration of time at CCCS.

14. Suspension: Separation from a College for a specified minimum period of time, after which the student is eligible to petition the SSAO for permission to return. Eligibility for return may be contingent upon satisfaction of specific conditions. The student is required to vacate the campus immediately upon receipt of notification of a suspension. During the suspension period, the student is restricted from College property, functions, events, and activities without prior written approval from the SSAO. Additionally, students may be suspended from one class period per incident by the responsible faculty member or instructor without triggering this procedure. Any longer suspension must be referred to the SSAO.
15. Expulsion: Permanent separation from CCCS. The student is banned from CCCS College properties and the student's presence at any CCCS sponsored activity or event is prohibited. This action may be enforced with a trespass action as necessary.
16. No Trespass: The College may issue a "No Trespass" directive, also referred to as a persona non grata.
17. Other: Additional or alternate restrictions, conditions, or outcomes that promote reflection and holistic student development (e.g., creative expression or community restoration project) may be created and designed as deemed appropriate to the violation.



Appeal of Formal Investigation Decision

A student found responsible for violating the Code through the formal investigation process has a right to appeal if suspension or expulsion are imposed.

If an outcome other than suspension or expulsion is imposed as a result of a formal investigation, a student may request in writing a discretionary appeal to the designated Appellate officer. A request for a discretionary appeal must be in writing and submitted to the Appellate officer within five (5) business days of the notice of decision. The Appellate Officer must notify the student in writing of whether the appeal will be permitted and, if permitted, the below appeal deadlines apply from the date of that decision.

All appeals must be made in accordance with procedures outlined in this section.

1. Important Information about Appeals:

- The appeal is the final step in the conduct process.
- An appeal does not provide a second meeting or review of the case. The appeal process will be based on the existing record and the appeal criteria.
- Situations may occur that shift the timeframe of the appeal process. Considerations will be given for extenuating circumstances including, but not limited to, College holidays, family crisis, trauma, and medical/non-medical emergencies. Any extensions are made at the discretion of the SSAO.
- Students are encouraged to consult with the SSAO and external resources about the appeal process prior to submitting the request for an appeal.

2. Appeals Criteria: A student may only appeal upon one or more of the following grounds:

- A material procedural error occurred that significantly impacted the outcome of the factual findings, outcomes, or both (e.g., substantiated bias, conflict of interest, or material deviation from established procedures).
- There is new information, unavailable during the formal investigation, that could substantially impact the decision or the outcome.
- The new information must be included with the student's request for appeal and the student must show that the new information was not known to them at the time of investigation. Failure to participate in the initial investigation does not constitute new information for the appeal process.

3. Initial Review of Appeal: Regardless if a case is appealed, all outcomes imposed in the case will go into effect immediately unless they are officially stayed pending the appeal decision.

Appeals must be filed in writing within ten (10) business days of the notice of the initial conduct decision or decision allowing discretionary appeal. A student may file a written appeal by completing and submitting the College's appeal form, if applicable, and sending it to the Appellate Officer. It is the student's obligation to provide any and all materials for consideration at the time of appeal submission. Subsequent information and-or revisions to the appeal after initial submission will not be accepted.

Upon receipt of an appeal, the Appellate Officer shall conduct an initial review to determine if the appeal meets the limited appeals criteria and is timely. The student will receive notification about the decision of the initial review of appeal within five (5) business days of receipt of the student's appeal. If the appeal is found to meet these criteria, the Appellate Officer shall give written notice to other involved parties, if applicable, to allow the other parties an opportunity to provide a response to the appeal.

4. Appeal Determination: If it is determined an appeal meets the appeal criteria, the Appellate Officer will review the appeal.

In reviewing the appeal, the Appellate Officer may only consider the information contained in the record of the case, but may seek clarification of the decision rendered by the SSAO.

Upon review of an appeal, the Appellate Officer shall have the authority to:

- Deny the appeal and affirm the initial decision and outcomes.
- Find that a material procedural error occurred (e.g., substantiated bias, material deviation from established procedures, etc.) that impacted the outcome and refer the case back to the SSAO or an alternate designee with instructions to reconvene the investigation and/or the Appellate Officer may otherwise correct the procedural error.
- Find that the student has presented new information that is material to the decision or outcome of the case. Upon this finding, the Appellate Officer shall conduct or request appropriate additional steps (such as requesting additional investigation by the SSAO) and/or modify the decision and outcome accordingly.

The Appellate Officer will notify the student in writing of the decision, typically within ten (10) business days of completing the review.

During this appeal process, if the Appellate Officer requires additional time, they shall promptly notify the parties.

Student Records

Student conduct records will be maintained in accordance with the Family Educational Rights and Privacy Act (FERPA) and SP 4-80a, Student Educational Records and Directory Information. Generally, student conduct records are sealed seven (7) years after a final decision is delivered in the resolution process, except as required by law. Student conduct records may be sealed earlier by the SSAO upon written request from the student. Conduct records that result in a separation from the College (suspension or expulsion) and those that fall under Civil Rights, to include a Title IX investigation, will be maintained for seven (7) years.

Financial

Students who are suspended or expelled as a result of the conduct process will not receive a refund of any tuition, fees, or other charges and will be responsible for any outstanding balances owed to the College. Students who are terminated from housing will be responsible for fulfilling their housing and dining contract fees, if applicable.

Retaliation

It is a violation of this procedure to engage in retaliation, such as taking adverse employment or educational action, against any person who reports an incident of a Code violation or because of the person's participation, or perceived participation, in any aspect of this procedure. Retaliation includes acts to intimidate, threaten, coerce, or discriminate against any individual for the purposes of interfering with any right or privilege provided by this procedure.

Revising this Procedure

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

Statement

A College community is defined by its values for learning, teaching, and service that reflect academic excellence, holistic student development, and societal impact. To guide student success, the Colorado Community College System (CCCS) has created the Code of Student Behavioral Expectations and Responsibilities (Code), which includes standards of behavior that support an engaged learning environment for all students. The Code embraces the institutional values of integrity, excellence, learning, diversity, intellectual freedom, and equal opportunity, and is rooted in conflict resolution practice to support students in resolving their own conflicts.

Each College's Student Affairs Division is authorized to enact the Code and utilize the Code procedures to support students while holding them accountable to the behavior that supports the College mission and vision. The outcomes of the student conduct process are designed to assist students in their development, help them think through their moral and ethical decision making, and realign their behavior with the College's community expectations. In certain incidents, this may involve separation from the College either temporarily or permanently.

Outcomes are assigned based on the severity of the violation, cumulative conduct history, and educational needs of the student.

Students at each College are provided a copy of the Code and are responsible for reading and adhering to the Code. The Code in no way creates a contractual obligation and CCCS reserves the right to revise the procedure at any time.

Code

The College considers the behavior described in the following subsections as inappropriate and in opposition to the values of the College community.

These responsibilities apply to all students including continuing education. The College encourages and expects students, faculty, and staff to engage as active bystanders and report to College official's incidents that involve the following behaviors. Any student found to have violated or to have attempted to violate the following responsibilities may be subject to the conditions, restrictions, and outcomes outlined in [SP 4-30a](#), Student Behavior Expectations and Responsibilities Resolution Procedure.

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

Abuse of Conduct Process

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

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

Academic Integrity

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

- Cheating: The act of using or attempting to use an examination or other academic work, material, information, or study aids which are not permitted by the instructor. Cheating includes, but is not limited to:
 - Using books, notes, calculators, or copying from or conversing with others during examinations (unless such external aids are permitted by the instructor).
 - Having someone else do research, write papers, or take examinations for someone else.
 - Submitting work completed in one class to fulfill an assignment in another class without prior approval from the instructor(s).
 - Stealing, distributing, selling, and buying tests or having someone take an exam on someone else's behalf.
- Fabrication: The invention of material or its source and its use as an authority in academic work. Fabrication includes, but is not limited to:
 - Inventing the data for a scientific experiment.
 - Inventing the title and author of a publication in order to use the invented publication as a source.
 - Knowingly attributing material to an incorrect source.
- Plagiarism: The act of using someone else's work without giving proper credit to the original source. The work can be written, artistic, musical, language, symbols, or media. Reusing one's own work without proper citation (or approval of instructor) is also plagiarism.

Aiding and Abetting

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

Alcohol and Drugs

Using, being under the influence of, manufacturing, possessing, cultivating, distributing, purchasing, or selling alcohol and/or drugs (illegal and/or dangerous controlled substances), and or possessing or selling alcohol or drug paraphernalia while on College-owned or College-controlled property, and/or at any function authorized or supervised by the College, and/or in state-owned or -leased vehicles is not permitted.

Animals and Pets

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

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

Bullying and Non-physical abuse

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

- For more information and compliance, see [SP19-10](#), Bullying, Violence, Firearms on Campus.

Damage and Destruction

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

Deceitful Acts

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

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

Discrimination and Harassment

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

- Hostile Environment occurs when a person is subjected to verbal or physical conduct based on a protected class that is sufficiently severe, persistent or pervasive, and objectively offensive to alter the conditions of a person's employment or unreasonably interfere with a person's ability to participate in or benefit from CCCS educational programs or activities, from both a subjective and objective viewpoint.
- Quid Pro Quo is a type of sexual harassment that exists when an employee conditions the provision of an aid, benefit, or service on an individual's participation in unwelcome sexual conduct, such as unwelcome sexual advances, requests for sexual favors, or other verbal or physical conduct of a sexual nature.
- Sexual harassment includes, but is not limited to, dating violence, domestic violence, stalking, and sexual assault.
- For more information and how to file a complaint regarding discrimination or harassment, including sexual misconduct, see [SP 19-60](#), Civil Rights and Sexual Misconduct Resolution Process. To contact NJC's Title IX officer please call (970) 521-6657.

Disruptive Behavior

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

Endangerment or Defacement

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

Failure to Comply

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

Fire Safety

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

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

Gambling

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

Harm to individuals

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

- Violent Behavior includes any act or threat of physical, verbal, or psychological aggression or the destruction or abuse of property by any individual.
- A threat is defined as direct or indirect, verbal or non-verbal conduct (including those made in person, by mail, over the telephone, by email, or by other means) intended to result or reasonably resulting in intimidation, harassment, harm, fear, or endangerment of the safety of another person or property.
- For more information and compliance, see [SP 19-10](#), Bullying, Violence, Firearms on Campus.

Hazing

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

Indecent Exposure

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

Retaliation

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

Rioting

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

Theft

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

Tobacco Violation

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

Trademark Violation

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

Unacceptable Use of College Equipment, Network, or System: Unacceptable uses of any College-owned or operated equipment, network, or system including, but not limited to:

Knowingly spreading computer viruses, reposting personal communications without the author's consent, copying protected materials, using the network for financial or personal gain, commercial activity, or illegal activity, accessing the network using another individual's account, unauthorized downloading or uploading software and/or digital video or music, downloading or uploading, viewing, or displaying pornographic content, or any other attempt to compromise network integrity. For more information, see [SP 4-32](#), Student Email Acceptable Use.

Unauthorized Access and Entry

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

Violation of Laws, Directives, and Signage

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

Weapons Violation

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

- Possession of an instrument designed to look like a firearm, explosive, or dangerous weapon is also prohibited by this policy.
- Intentionally or recklessly using and/or possessing a weapon or any other item in such a way that would intimidate, harass, injure, or otherwise interfere with the learning and working environment of the College shall face increased consequences.
- Students, faculty, and staff possessing valid Colorado Concealed Handgun Licenses are permitted to carry concealed on campus in accordance with state law and CCCS policy.
- For more details about certain restrictions, please consult with the local police and/or the Housing and Residential Education Handbook, where applicable.
- For more information and compliance, see [SP 19-10](#), Bullying, Violence, Firearms on Campus.

Violation of course, program, or activity rules

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

Group Violations

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

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

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

Amnesty

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

Code of Student Conduct

1. Rationale

The Student Code of Conduct's primary purpose is the basis for the student judicial process that protects the rights of all students and protects the campus community. Consistent with this purpose, reasonable efforts will be made to foster personal and social development of those students who are held accountable for violations of this code, student policy, and academic procedures.

2. Definitions

- a. The term "faculty member" means any person hired by the college to conduct classroom activities.
- b. The term "institution" and "college" means Northeastern, Sterling, Colorado.
- c. The term "college official" includes any person employed by the college performing assigned administrative or professional responsibility. The term "impartial decision maker" refers to the individual/committee designated by the college president to hear student disciplinary appeals.
- d. The term "student" means a person taking or auditing courses in a college course, on or off campus, full or part-time.
- e. The term "member of the college community" includes any person who is a student, faculty member, college official, or any other person employed by the college.
- f. The term "organization" means a number of persons who have complied with college requirements for registration or are chartered student clubs with Associated Student Government.
- g. The term "group" means a number of persons who are associated with each other and who have not complied with college requirements for registration as an organization.
- h. The term "chief judicial officer" means the authorized college official assigned to administer the Student Code and the imposition and monitoring of sanctions, this usually is the Vice President of Student Services.
- i. The term "judicial body" or "hearing board" means any person or persons authorized by the chief judicial officer (Vice President of Student Services) to determine whether a student has violated the Student Code and to recommend imposition of educational sanctions.
- j. The term "day" refers to a calendar day unless otherwise noted in any communication. The term "workday" is sometimes used to set parameters for appeals and resolution of cases. These are actual days that the institution is open for business.
- k. The term "policy" is defined as the written regulations of the college as found in the Student Code, the Student Handbook, the Residence Life Handbook, and the College Catalog.
- l. The term "sanctions" refers to the assigned consequences of a violation of the Student Code of Conduct. These consequences range from educational performance activities to suspension from college.
- m. The term "notice" refers to the written communication from a college official to an enrolled student regarding academic or educational decisions of the college. A notice is considered served when given by personal delivery or by certified mail to the last known address filed with the college. If notice is mailed the student is given three (3) additional days to respond.
- n. The term "cheating" includes, but is not limited to:
 - i. Use of any unauthorized assistance in taking quizzes, tests, or examinations;
 - ii. Dependence upon the aid or sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;

- iii. The acquisition (without permission) of tests or other academic material belonging to a member of the college faculty or staff.
- o. The term “plagiarism” includes, but is not limited to, the use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment. It also includes the unacknowledged use by another person or agency engaged in the selling of term papers or other academic materials.
- p. The term “aggravated violation” means a violation which resulted or foreseeably could have resulted in significant damage to persons or property or which otherwise posed a threat to the stability and continuance of normal college sponsored activities.
- q. The term “distribution” means sale or exchange for personal profit.
- r. The term “reckless conduct” means action or conduct by any member of the college community which creates a clear risk of harm to persons or property or would disrupt the lawful activities of others, including studying, teaching, or any other college work or college sponsored activity.
- s. The term “college premises” means buildings or grounds owned, leased, operated, controlled, or supervised by the college.
- t. The term “weapon” means any object or substance designed to inflict a wound, cause injury, or incapacitate including, but not limited to, all firearms, pellet guns, switchblade knives, knives with blades five or more inches in length, and chemicals such as “Mace” or tear gas. Common objects not designed or intended as a weapon, but used in a harmful and threatening manner can be considered a weapon, i.e. baseball bat.
- u. The term “college sponsored activity” means any activity on or off campus which is initiated, aided, financed, authorized, or sponsored by the college.
- v. The term “abusive speech or writing” means speech or other means of communication that:
 - i. Is intended to insult or stigmatize an individual or a small number of individuals based upon their sex, race, color, handicap, religion, sexual orientation, or national/ethnic origin.
 - ii. Is addressed directly to the individual(s) whom it insults or stigmatizes.
 - iii. Makes use of insulting or fighting words or symbols. Fighting words are those, which by their very utterance, inflict injury or tend to incite immediate breach of the peace and are commonly understood to convey direct or visceral hatred or contempt for persons on the basis of sex, race, color, handicap, religion, sexual orientation, or national/ethnic origin.
- w. The term “student harassment” means an unwelcome verbal or physical or discriminatory act specifically directed toward an individual student with the intent to cause emotional or physical distress or to influence, control, or intimidate that student.

Proscribed Conduct

1. *Jurisdiction of the College*

The Student Code of Conduct generally pertains to student conduct on the college premises and conduct off campus involving college sponsored and college sanctioned activities and any off campus conduct for an enrolled student that adversely affects the educational interests of the any student, the staff, the college, and the community.

2. *Conduct - Rules and Regulations*

Conduct that violates student rights and freedoms and is subject to disciplinary action includes, but is not limited to:

- a. 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 Northeastern disciplinary procedures.
- b. Disruptive Behavior: Engaging in any disruptive behavior that negatively affects or impedes teaching or learning (regardless of mode of delivery or class setting) or disrupts the general operation of the college.

- c. Deceptive Acts: Engaging in deceptive acts including, but not limited to, forgery, falsification, alteration, misrepresentation, non-disclosure, or misuse of documents, records, identification, and/or educational materials.
- d. Conduct that is Detrimental to College or to Safety: Conduct that is deemed detrimental, harmful, and/or damaging to the college and/or that jeopardizes the safety of others as determined by the Northeastern Vice President of Student Services or designee. Examples include, but are not limited to, slamming doors, throwing chairs, and/ or defacing of college property or property of others.
- e. Physical/Non-physical Abuse:
 - i. Physical abuse or conduct that threatens or endangers another person’s health or safety.
 - ii. 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.
 - iii. Knowingly falsifying, publishing, or distributing, in any form, material that tends to impeach the honesty, integrity, virtue, or reputation of another person.
- f. 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.
- g. 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 19-60a – Civil Rights and Sexual Misconduct Resolution Process | Colorado Community College System \(cccs.edu\)](#))
- h. 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. (See [SP 19-10 – Bullying/Violence/Firearms on Campus | Colorado Community College System \(cccs.edu\)](#))
- i. 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 the college and/or in state owned or leased vehicles.
Note: Although possession and use of marijuana consistent with the requirements of the Colorado Constitution is no longer a crime in the State of Colorado, the possession and use of marijuana remains 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 the college and/or in state owned or leased vehicles.
- j. Dress and Hygiene: Dress or personal hygiene that fails to meet the established safety or health standards of specific classes or activities offered by the college.
- k. Leaving Children Unattended: Leaving children unattended or unsupervised in campus buildings or on campus grounds unless enrolled or participating in authorized campus activities.
- l. Violation of Laws, Directives, and Signage:
 - i. Violating any municipal, county, state, or federal law that adversely impacts the conditions of the educational or employment environment.
 - ii. Violations of college traffic and parking rules, regulations, or signage.
 - iii. Damage to or falsely using fire alarms and/or fire extinguishers.

- iv. 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 College employees acting within the scope of their duties, including those directives issued by a College administrator to ensure the safety and well being of others.
- v. Violations of college policies, protocols, procedures, or signage.
- m. **Illegal Gambling:** Participation in illegal gambling activities on college-owned or college-controlled property and/or any function authorized or supervised by the college and/or in state owned or leased vehicles.
- n. **Unauthorized Entry and/or Unauthorized Possession:** Entry into or use of any building, room, or other college-owned or 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.
- o. **Unacceptable Use of College Equipment, Network, or System:** Unacceptable uses of any college-owned or operated equipment, network, or system including, but not limited to, knowingly spreading computer viruses, reposting personal communications without author's consent, copying protected materials, using the network for financial or personal gain, commercial activity, or illegal activity, accessing the network using another individuals 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.
- p. **Unauthorized Pets/Animals:** Possession of any unauthorized pet or animal, excluding trained service animals and/or assistance animals, while on college-owned or college-controlled property.
- q. **Tampering with Student Organization, Election, or Vote:** Tampering with the process of any college recognized student organization, election, or vote.
- r. **Group or Organization Conduct:** Students who are members of a college recognized student organization or group and commit a violation of SCOC may be accountable both as an individual and as a member of the student organization.
- s. **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:
 - i. Disruption or interference with the orderly conduct of the student disciplinary/grievance procedure.
 - ii. Falsification, distortion, or misrepresentation, or knowingly pursuing malicious, frivolous, or fraudulent charges.
 - iii. Attempting to discourage an individual's proper participation in, or use of, the student disciplinary/grievance procedure.
 - iv. Attempting to influence the impartiality of a participant and/or the student disciplinary/grievance procedure.
 - v. Harassment (verbal or physical) and/or intimidation of a participant in the student disciplinary/grievance procedure.
 - vi. Failure to comply with directives and/or sanctions imposed under student disciplinary/grievance procedure.
 - vii. Influencing or attempting to influence another person to commit an abuse of the student disciplinary/grievance procedure.
 - viii. Engaging in retaliatory acts in any form against any person or person(s) involved in the student disciplinary/grievance procedure.

- t. Any act or omission committed on or off campus that constitutes a serious criminal offense. A serious criminal offense is hereby defined as being an action which is a felony under Colorado law and which indicates that the student constitutes a substantial danger to the safety or property of the College or members of the community.
- u. Unauthorized entry into College Events: Entering or attempting to enter any college-sponsored activity without proper credentials for admission.

Please note: In most circumstances, the college will treat attempts to commit code of conduct violations as if those attempts had been completed. Violations of the above may result in, but are not limited to, fines, restitution, community service, and/or disciplinary procedures.

Judicial Authority

1. The chief judicial officer of the college shall make all decisions regarding violations of the Student Code of Conduct and may delegate enforcement and imposition of sanctions to other qualified college staff as required by their assigned job.
2. The chief judicial officer of the college will insure all students have the right of due process as described in the Student Handbook.
3. The chief judicial officer shall determine the composition of hearing boards as dictated by the president of the college and shall insure all college hearing boards are conducted consistent within the Student Code, Student Due Process, and approved hearing board procedure.
4. Decisions made by a hearing board, chief judicial officer, or appointed designee shall be final, pending the normal appeal process.
5. Judicial authority is part of the responsibilities of the Residence Hall Director's job. This person has the authority to make immediate decisions regarding student misconduct and violation of the Student Code of Conduct. The Residence Hall Director has the authority to impose sanctions and procedures to insure the Student Code of Conduct is interpreted and enforced fairly for all students.
6. The Director of Student Life has the authority to make immediate decisions regarding student misconduct and violation of the Student Code of Conduct for resident students. The Director of Student Life has the authority to impose sanctions and procedures to insure the Student Code of Conduct is interpreted and enforced fairly for all students. Referrals can be made to the Director of Student Life before or after a Residence Hall Director has assigned judicial procedures/sanctions.
7. A faculty member has the judicial authority to conduct their teaching assignment free of student misconduct and interference. The faculty member has the authority to make immediate decisions to insure the academic process continues unhindered and all students do not violate the code for cheating and plagiarism.

College Sanctions

1. *Dismissal*
Dismissal is the permanent separation of the student from the college. Notification will appear on the student's transcript. The student will be barred from the college premises. Dismissal from college requires a College Hearing Board review with an optional review by the President to alter, defer, or withhold dismissal.
2. *Suspension*
Suspension is separation of the student from the college for a specific period of time (no longer than two semesters). Permanent notification will appear on the student's transcript. The student may not participate in any college-sponsored activity and may be barred from college premises. The chief judicial officer enacts suspension and this action may be reviewed by an appeal to the College Hearing Board.
3. *Interim Action*
The chief judicial officer or a designee may suspend a student for an interim period pending judicial proceedings or medical evaluation. Interim action can be enacted any time without prior notice. Interim action can be enacted when there is reasonable evidence that the continued presence of the student on the college campus and enrolled in college classes poses a substantial threat to themselves, other students, faculty, any college official, or the stability and continuance of normal college functions.

4. *Disciplinary Probation*

Disciplinary Probation restricts a student from representing the college in any extracurricular activity or run for/hold office in any student group or organization. Institutional scholarship support will be withheld as well as additional restrictions or conditions may be imposed. There are three levels of Disciplinary Probation with distinct sanction differences.

5. *Disciplinary Warning*

Disciplinary Warning communicates to the student that further misconduct will result in stricter judicial sanctions. A warning shall be used only once per term.

6. *Restitution*

The student is required to make payment to the college or other persons, groups, or organizations for damages incurred as a result of a violation of this code. Restitution is required for vandalism, theft, payment for repair, cleaning charge, services rendered, and loss and destruction of equipment. Fines for violations are considered restitution.

7. *Eviction*

A student residing in a residence hall may be evicted as a result of a specific violation of this code. Eviction requires immediate removal of all belongings and completion of checkout procedures with maintenance and housing.

Monetary penalties will be assessed to include and are not limited to, breakage of contract fee, general hall or room damages, and room deposit. An evicted student may continue present enrollment in classes, but will be restricted from one or all residence halls and/or the college cafeteria. The chief judicial officer must give notice of eviction.

8. *Educational Sanctions*

Educational sanctions may be imposed by the Residence Hall Director, Director of Student Life, or Vice President of Student Services in addition to sanctions assigned by policy. The monitoring of the completion of educational sanctions will be centrally reported to the Vice President of Student Services office for follow up and reporting.

Student Disciplinary Procedures

Decision

The Vice President of Student Services or designee shall receive all allegations of student misconduct and investigate the complaints, which includes meeting with the student to give them the opportunity to respond to allegations of misconduct.

If the allegations of misconduct are discrimination and/or harassment based on federal or state civil rights laws, the college will investigate those incidents through the Civil Rights Grievance and Investigation Process (3.18).

Once the investigation is complete, either through this process or the Civil Rights Grievance and Investigation process, the Chief Student Services Officer (CSSO) or designee shall render a sanction decision.

The CSSO or designee may decide that the charges can be disposed of administratively by mutual consent of the parties involved on a basis acceptable to them. If an administrative resolution is not achieved the CSSO or designee shall issue a decision which determines whether the alleged conduct occurred or whether the conduct violated the Code of Conduct or College procedures and then impose a sanction(s) if appropriate.

The student shall receive written notice of the decision and be advised of their right to appeal the Decision, subject to the grounds below, by filing a written appeal with the CSSO or designee within seven days of service of the Decision.

Appeal

In the event of an appeal the CSSO or designee shall give written notice to the other party (e.g., if the accused student appeals, the appeal is shared with the complainant who may also wish to file a response) and then the CSSO or designee will draft a response memorandum (also shared with all parties). All appeals and responses are then forwarded to the appeals officer or committee for initial review to determine if the appeal meets the limited grounds and is timely.

The original finding and sanction will stand if the appeal is not timely or substantively eligible and the decision is final. If the appeal has standing, the documentation is forwarded for consideration. Because the original finding and sanction are presumed to have been decided reasonably and appropriately, the party appealing the decision must specifically cite the error(s) in the original determination on which the appeal is based.

The ONLY grounds for appeal are as follows:

1. A material procedural or substantive error occurred that significantly impacted the outcome of the hearing (e.g. substantiated bias, material deviation from established procedures), which must be explained in the written appeal.
2. To consider new evidence unavailable during the investigation or hearing that could substantially impact the original finding or sanction. A summary of this new evidence and its potential impact must be included in the written appeal as well as the reasons the new evidence was not available during the original proceeding.

The appeals committee shall be appointed by the Northeastern President and shall consist of one (1) administrator, three (3) faculty members (none of whom shall be a current or past instructor or advisor of the student filing the appeal), and one (1) student representative (an officer from the Associated Student Government). If the appeals officer or committee determines that a material procedural or substantive error occurred, it may return the complaint to the CSSO or designee with instructions to reconvene to cure the error. In rare cases where the procedural or substantive error cannot be cured by the CSSO or designee, in cases of bias, the appeals officer or committee may order a new hearing be held by a different individual acting in the place of the designated CSSO or designee. The results of a reconvened hearing cannot be appealed. The results of a new hearing can be appealed, once, on the two applicable grounds for appeals.

If the appeals officer or committee determines that new evidence should be considered it will return the complaint to the CSSO or designee to reconsider in light of the new evidence only. If the subject matter pertains to discrimination and/or harassment pursuant to 3.18 of the Northeastern Student Handbook, the appeals officer or committee will return the complaint to the Title IX Coordinator to reconsider in light of the new evidence only. The reconsideration of the CSSO, designee, or Title IX Coordinator is not appealable.

The procedures governing the hearing of appeals include the following:

- All parties should be timely informed of the status of requests for appeal, the status of the appeal consideration, and the results of the appeal decision.
- If the appeals officer or committee determines there is new evidence or error in the original proceeding every opportunity to return the appeal to the CSSO or designee for reconsideration (remand) should be pursued
- Appeals are not intended to be full re-hearings of the complaint. In most cases, appeals are confined to a review of the written documentation or record of the original hearing and pertinent documentation regarding the grounds for appeal.
- An appeal is not an opportunity for an appeals officer or committee to substitute their judgment for that of the CSSO or designee merely because they disagree with its finding and/or sanctions.
- Appeals decisions are to be deferential to the original decision, making changes to the findings only where there is clear error and a compelling justification to do so.
- Sanctions imposed are implemented immediately unless the CSSO or designee stays their implementation in extraordinary circumstances, pending the outcome of the appeal.
- The appeals officer or committee will render a written decision on the appeal to all parties within four (4) days from receiving the appeal request. The committee's decision to deny appeal requests is final.

Special Discipline Process Provisions

- In the event that the student is under the age of eighteen or incapacitated, he or she may have an advisor present to assist him/her in presenting his/her case.
- Students do not have the right to be represented by an attorney or law student during these proceedings except in the case where civil or criminal actions concerning the student are pending and in that case the attorney's role shall be advisory only.

- The student is responsible for presenting his/her own case and, therefore, advisors are not permitted to speak or participate directly in any hearing except when the student is under the age of eighteen or incapacitated.
- Student shall have the right to identify documents, witnesses, and other material he/she would like the CSSO or designee to review before making a final decision.
- Any hearing held shall be conducted in private unless all parties agree otherwise.
- A record of the hearing should be maintained by the CSSO or designee.
- If the student has a disability and would like to request an accommodation to assist them through the discipline process, they may do so by informing the CSSO or designee. The CSSO or designee will then work with disability support services to accommodate the request.
- Jurisdiction - College disciplinary proceedings may be instituted against a student charged with violation of a law if the violation occurred at the College or College-sanctioned activities or was of such a nature to have an impact on the College and the violation is also a violation of the College's student code of conduct. Dealings under this procedure may be carried out prior to, simultaneously with, or following civil or criminal proceedings off-campus.
- Standard of Proof - The college will use the preponderance of evidence standard in the disciplinary proceedings; meaning the college will determine whether it is more likely than not a conduct code was violated.
- All sanctions imposed by the original decision maker will be in effect during the appeal. A request may be made to the CSSO or designee for special consideration in exigent circumstances, but the presumptive stance of the institution is that the sanctions will stand.
- Graduation, study abroad, internships, externships, or clinical placements, etc. do not, in and of themselves, constitute exigent circumstances and students may not be able to participate in those activities during their appeal. In cases where the appeal results in reinstatement to the institution or of privileges, all reasonable attempts will be made to restore the student to their prior status, recognizing that some opportunities lost may be irretrievable in the short term.
- The procedural rights afforded to students above may be waived by the student.

Retaliatory Acts

It is a violation of this procedure to engage in retaliatory acts against any employee or student who reports an incident(s) of code of conduct violations or any employee or student who testifies, assists, or participates in the discipline proceeding, investigation, or hearing relating to such allegation(s) of code of conduct violations.

Revising this Procedure

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

Due Process Exceptions

In special circumstances, to preserve and protect the rights and privileges of the majority of students, the Vice President of Student Services can waive the due process. The following are due process exceptions and they are general categories that give the college the authority and the right to make a reasonable and fair decision regarding exceptions:

1. *Dangerous Acts*: If a student's conduct is dangerous and life-threatening to themselves and to other people the due process is waived.
2. *Mental Health*: If the student has exhibited impaired and irrational judgment and, in the opinion of the Vice President of Student Services, is unable to make decisions due to emotional or psychological reasons, the due process is waived.
3. *Physical Health*: In the opinion of the Vice President of Student Services, if the student's health is or will be affected by the due process procedures, the due process will be waived in the best interest of the student. An expeditious hearing and the seven day appeal requirement may be extended by request of the student or the Vice President of Student Services.

4. *Students with Legal Summons*: Students who are arrested for violation of a local, state, or federal law are still eligible for College student due process if such violation of law does not involve threatening the health, safety, rights, and privileges of other students. If the student is arrested and/or charged for physical acts of endangerment of others or for irrational behavior that could threaten other people, or the possibility of physical threat, the student's status may be decided by the College administration to protect other student's enrollment status and on campus residence.
5. *Interim Action* is outlined in College Sanctions.

Safety and Security on Campus

Northeastern Junior College is committed to developing excellence in all of our students by instilling knowledge, advancing skills, and providing opportunities for educational transfer and to enter the workforce successfully. Keeping in this spirit, the Campus Safety Department was made in 2018 to meet the safety and physical well being needs of the College and to keep in compliance with Federal Law and standards. The Coordinator of Campus Safety works around all Northeastern campus buildings and leased grounds to ensure a safe and secure environment for our students to thrive. We are committed to honoring each person's rights, striving for quality service, and showing respect for all individuals in addition to always acting with the highest integrity, while upholding the law.

- Provisions and efforts are made to protect individuals and to preserve property, by securing buildings, locking and supervising residence halls, and observing campus activities. Nothing can improve everyone's safety and security better than for each individual to make prudent and reasonable choices and actions. Do not prop doors open and then leave them unattended, ever.
- Take time to learn how to access emergency services and the proper steps to inform staff and the administration of incidents. Learn to be observant of what is going on around you (Situational Awareness) and always know at least two of the safest and quickest egress routes - wherever you are. Know the names and even addresses of buildings that you frequent.
- Always lock your vehicle and park your vehicle in a safe place. Never leave valuables in plain sight within a vehicle.
- If you are going to spend the night away from campus, for any reason, make sure someone (roommate, friend, parent, coach, etc.) knows where you will be and who you will be with.
- Report any concerns, observations, or unsafe or dangerous conditions or actions of others to **Campus Safety** by phone at **970-521-6683**, or in person by stopping in the office, **Hays Student Center, Room 104**. Such awareness is your best protection against crime and accidents.
- Download the Northeastern Safety mobile app, "NJC Alert," free of charge. Contact Campus Safety for additional information, training tools, and resources. Be sure to check your Access account information for the proper contact information for Emergency Notifications and check the Campus Safety pages on the website as well.

The Coordinator of Campus Safety is not a sworn Law Enforcement position and has no arrest authority. The Office of Campus Safety works closely with sworn law enforcement, public safety professionals, and community partners diligently to support a safe and secure environment for our students, visitors, faculty, and staff so that they may enjoy and succeed in a comfortable learning environment and to pursue their educational and personal goals. Here at Northeastern, our Campus Safety and Security Committee meets regularly to further meet the safety needs of our students, staff, and stakeholders. Our Campus Safety and Security Committee is comprised of representatives from the Sterling Police Department, Sterling Fire Department, Colorado State Patrol, Logan County Office of Emergency Management, and representatives from around the campus who have a deep understanding of the students and grounds that comprise our College.

In compliance with the Student Right to Know and Campus Security Act of 1990, Northeastern annually publishes the Annual Security Report (ASR), which includes crime statistics, explanations of campus security support, policies and procedures, and topics such as drug and alcohol-free campus, sexual assault prevention-response programs, and other resources. Notify Campus Safety and Security of any crimes that have been committed and always dial 911 for any immediate life safety threat, medical, or fire emergency.

Northeastern also keeps a Daily Crime Log and Fire Log. A copy of the ASR is available for free, on request, and you may view the crime and fire logs at the Student Services Offices or at the Campus Safety and Security Office.

Please visit [Safety and Security | Northeastern Junior College \(njc.edu\)](#) for more information.

NOTICE OF PROHIBITION AGAINST ENROLLMENT IN STATE-SUPPORTED INSTITUTIONS OF HIGHER EDUCATION OF PERSONS CONVICTED OF RIOTING OFFENSES

Under Colorado law, no person shall be enrolled in a state-supported institution of higher education for a period of twelve months following the date of a guilty verdict, guilty plea, no contest plea, a deferred judgement, or sentence for inciting riot, arming rioters, or engaging in a riot.

Voter Registration

Northeastern has institutionalized voter registration through a variety of promotional and educational programs and availability of voter registration information across campus. Students are encouraged to register and to vote.

Voter registration and information is available in numerous offices, classrooms, residence halls, and the library.

- For more information on voter registration, visit one of the links below
<https://allintovote.org/>
- <https://www.vote.org/register-to-vote/colorado/>

General Education and Guaranteed Transfer Courses

General Education

The outcomes of general education are to provide coursework which will help students develop certain capabilities and insights, including the ability to think and to communicate clearly and effectively. In addition, students should be able to formulate valid concepts, analyze arguments, and define and orient themselves to their world. General education should lead to self-understanding and a better understanding of one's role as a citizen.

General education is "general" in several clearly identifiable ways: it is not directly related to a student's formal technical, vocational, or professional preparation, it is a part of every student's course of study regardless of the area of emphasis, and it is intended to impart common knowledge, intellectual concepts, and attitudes, which every educated person should possess.

Guaranteed Transfer Courses

Colleges and universities in Colorado have identified general education courses in various categories and guaranteed transference to any public two or four-year Colorado college or university. Nearly 200 lower-division general education courses referred to as Guaranteed Transfer (GT) Pathways are approved for guaranteed transfer in 20 subject areas. Northeastern offers many of these courses on campus, which are listed in italics below.

If a course is not italicized, it may be available online through Colorado Online, through the Rural College Consortium, or through another Colorado community college. For GTP courses to transfer, the student must successfully complete the course with a C or better grade. For a detailed list of courses or more information, see [Guaranteed Transfer \(GT\) Pathways General Education Curriculum | Higher Education \(colorado.gov\)](#).

Some courses apply to all degrees (A.A., A.S., A.G.S.) and some only apply to Associate of Arts (A.A.) and Associate of General Studies (A.G.S.) degrees. These are indicated in the list below.

Students should work with their advisor to select the general education courses that best fit their program of study. More information on guaranteed transfer courses can be found on the Colorado Department of Higher Education website.

Classes in *Italics* indicate a course is generally offered at least once every other year. Most are offered every year, but some rotate on an every other year basis with other courses.



Guaranteed Transfer Courses - Communication

Communication (CO1)	
ENG 1021 English Composition I	3
ENG 1031 Technical Writing	3
Communication (CO2)	
<i>ENG 1022 English Composition II</i>	3
Communication (CO3)	
ENG 2001 Composition III: Writing for Public Discourse	3
ENG 2765 Writing About History	3

Guaranteed Transfer Courses - Mathematics

Mathematics (MA1)	
<i>MAT 1240 Mathematics for Liberal Arts (AA & AGS ONLY)</i>	4
<i>MAT 1340 College Algebra</i>	4
<i>MAT 1420 College Trigonometry</i>	3
MAT 1320 Finite Mathematics (AA & AGS ONLY)	4
<i>MAT 1400 Survey of Calculus (AA & AGS ONLY)</i>	4
<i>MAT 1260 Introduction to Statistics (AA& AGS ONLY)</i>	4
<i>MAT 1440 Pre-Calculus (AA & AGS ONLY)</i>	4
<i>MAT 2410 Calculus I</i>	5
<i>MAT 2420 Calculus II</i>	5
<i>MAT 2430 Calculus III</i>	4
MAT 2431 Calculus III with Engineering Applications	4
MAT 2520 Discrete Mathematics	5
MAT 2561 Differential Equations with Engineering Applications	4
MAT 2560 Differential Equations	3

Guaranteed Transfer Courses - Physical and Life Sciences

Physical and Life Sciences (SC1)	
<i>AGY 2140 Introductory Soil Science</i>	5
<i>ANT 1005 Biological Anthropology</i>	4
<i>AST 1110 Planetary Astronomy</i>	5
<i>AST 1120 Stellar Astronomy II</i>	5
<i>BIO 1004 Biology: A Human Approach</i>	5
<i>BIO 1005 Science of Biology w/Lab</i>	4
<i>BIO 1111 General College Biology w/Lab</i>	5
<i>BIO 1112 General College Biology II w/Lab</i>	5
<i>BIO 2101 Human Anatomy & Physiology I w/Lab</i>	4
<i>BIO 2102 Human Anatomy & Physiology II w/Lab</i>	4
<i>BIO 2104 Microbiology w/Lab</i>	4
<i>BIO 2108 General College Microbiology w/Lab</i>	5
Physical and Life Sciences (SC1)	
<i>BIO 2120 General Zoology w/Lab</i>	4
<i>BIO 2121 Botany w/Lab</i>	4
<i>BIO 2124 Genetics</i>	4
<i>CHE 1011 Introduction to Chemistry I w/Lab</i>	4
<i>CHE 1012 Introduction to Chemistry II w/Lab</i>	4
<i>CHE 1005 Chemistry in Context w/Lab</i>	4
<i>CHE 1111 General College Chemistry I w/Lab</i>	4
<i>CHE 1112 General College Chemistry II w/Lab</i>	5
<i>ENV 1111 Intro to Environmental Science w/Lab</i>	4
<i>GEO 1011 Physical Geography - Land forms w/Lab</i>	5
<i>GEO 1012 Physical Geography - Weather & Climate w/Lab</i>	5
<i>GEY 1111 Physical Geology w/Lab</i>	5
<i>GEY 1112 Historical Geology w/Lab</i>	5
<i>GEY 1135 Environmental Geology w/Lab</i>	5
<i>MET 1050 General Meteorology w/Lab</i>	4
<i>NRE 2051 General Oceanography I w/Lab</i>	4
<i>PHY 1105 Conceptual Physics w/Lab</i>	4
<i>PHY 1107 Energy Science & Technology w/Lab (AA & AGS ONLY)</i>	4
<i>PHY 1111 Physics: Algebra-Based I w/Lab</i>	5
<i>PHY 1112 Physics: Algebra-Based II w/Lab</i>	5
<i>PHY 2111 Physics: Calculus-Based I w/Lab</i>	5
<i>PHY 2112 Physics: Calculus-Based II w/Lab</i>	5
<i>SCI 1055 *Integrated Science I (AA & AGS ONLY)</i>	4
<i>SCI 1056 *Integrated Science II (AA & AGS ONLY)</i>	4

*Note: SC11055 & SC11056 must both be taken to fulfill the Physical and Life Science requirement. If only one is taken, it will not fulfill a general education requirement.

Physical & Life Sciences (SC2)	
AST 1150 Astrobiology (AA & AGS ONLY)	3
AST 1140 Astronomy Ancient Cultures	3
AST 1160 Cosmology (AA & AGS ONLY)	3
BIO 1003 Principles of Animal Biology (AA & AGS ONLY)	3
BIO 1016 Intro to Human Disease (AA & AGS ONLY)	3
ENV 1010 Natural Disasters (AA & AGS ONLY)	3
GEY 1108 Geology of National Parks (AA & AGS ONLY)	3
<i>SCI 1105 Science in Society (AA & AGS ONLY)</i>	3

Guaranteed Transfer Courses - Social and Behavioral Sciences

Social & Behavioral Sciences	
Select three courses, one must be History and no more than two courses from any one category.	
History (HI1):	
HIS 1310 Western Civilization: Antiquity to 1650	3
HIS 1320 Western Civilization: 1650 to Present	3
<i>HIS 1110 The World: Antiquity to 1500</i>	3
<i>HIS 1120 The World: 1500 to Present</i>	3
<i>HIS 1210 U.S. History to Reconstruction</i>	3
<i>HIS 1220 U.S. History Since the Civil War</i>	3
<i>HIS 2140 Civil War Era in American History</i>	3
HIS 2005 Women in World History	3
HIS 2125 American Environmental History	3
HIS 2115 American Indian History	3
HIS 2105 Women in U.S. History	3
HIS 2000 History of Science & Technology	3
<i>HIS 2135 Colorado History</i>	3
HIS 2130 History of the American West	3
HIS 2145 U.S. History since 1945	3
HIS 2610 History of Modern China	3
HIS 2200 History of Latin America	3
HIS 2210 History of Mexico	3
HIS 2015 20th Century World History	3
HIS 2500 History of Islamic Civilization	3
HIS 2110 African American History	3
HIS 2310 The History of Christianity in The World	3
HIS 2300 The Middle Ages	3
HIS 2510 Modern Middle East	3
HIS 2120 U.S. Foreign Relations Policy	3

Guaranteed Transfer Courses - Arts and Humanities

Arts & Humanities	
Select three courses with no more than two courses from any one category	
Arts & Expression (AH1)	
<i>ART 1110 Art Appreciation</i>	3
<i>ART 1111 Art History Ancient to Medieval</i>	3
<i>ART 1112 Art History Renaissance to Modern</i>	3
ART 1113 Art History 1900 to Present	3
DAN 1050 History of Dance	3
ENG 2021 Creative Writing I	3
Arts & Expression (AH1)	
<i>MUS 1020 Music Appreciation</i>	3
<i>MUS 1021 Music History: Medieval through Classical Period</i>	3
<i>MUS 1022 Music History: Early Romantic Period to Present</i>	3
<i>MUS 1023 Survey of World Music</i>	3
<i>MUS 1025 History of Jazz</i>	3
<i>THE 1005 Theatre Appreciation</i>	3
<i>THE 1008 Theatre Script Analysis</i>	3
<i>THE 2011 Development of Theatre: Greek to Renaissance</i>	3
<i>THE 2012 Development of Theatre: Restoration to Modern</i>	3
THE 2015 Playwriting	3
Literature and Humanities (AH2):	
<i>HUM 1003 Introduction to Film Art</i>	3
<i>HUM 1015 World Mythology</i>	3
<i>HUM 1021 Humanities: Early Civilization</i>	3
<i>HUM 1022 Humanities: Medieval to Modern</i>	3
<i>HUM 1023 Humanities: Modern World</i>	3
<i>LIT 1015 Introduction to Literature</i>	3
LIT 2001 World Literature to 1600	3
LIT 2002 World Literature after 1600	3
<i>LIT 2005 Ethnic Literature</i>	3
LIT 2011 American Literature to Civil War	3
LIT 2012 American Literature after Civil War	3
LIT 2021 British Literature to 1770	3
LIT 2022 British Literature since 1770	3
LIT 2025 Introduction to Shakespeare	3
LIT 2046 Literature of Woman	3
LIT 2059 Survey of African American Literature	3
LIT 2068 Celtic Literature	3

Ways of Thinking (AH3):	
<i>PHI 1011 Introduction to Philosophy</i>	3
<i>PHI 1012 Ethics</i>	3
<i>PHI 1013 Logic</i>	3
<i>PHI 1014 Comparative Religions</i>	3
PHI 1015 World Religions-West	3
PHI 1016 World Religions-East	3
PHI 1041 Old Testament	3
PHI 1041 New Testament	3
PHI 2005 Business Ethics	3
PHI 2014 Philosophy of Religion	3
PHI 2018 Environmental Ethics	3
PHI 2020 Philosophy of Death and Dying	3
World Languages (AH4):	
ASL 2221 American Sign Language IV	3
ASL 2222 American Sign Language V	3
FRE 2011 French Language III	3
FRE 2012 French Language IV	3
GER 2011 German Language III	3
GER 2012 German Language VI	3
ITA 2011 Italian Language III	3
ITA 2012 Italian Language IV	3
JPN 2011 Japanese Language III	3
JPN 2012 Japanese Language IV	3
RUS 2011 Russian Language III	3
RUS 2012 Russian Language IV	2
SPA 2011 Spanish Language III	3
SPA 2012 Spanish Language IV	3

Classes in *Italics* indicate the course is generally offered at least once every other year. Most are offered every year, but some rotate on an every other year basis with other courses.

Approved A.A and A.S Electives

Any course approved as a Guaranteed Transfer course (pages 43-46) can be used to fulfill the additional elective requirements for the Associate of Arts (A.A.) or Associate of Science (A.S.) degrees. In addition, the courses listed below may also be used as electives for the A.A. or A.S. degrees. Exceptions must be approved by the Vice President of Instructional Services.

AAA Any AAA courses numbered 1000 or Higher:	
ACC 1021 Accounting Principles I	4
ACC 1022 Accounting Principles II	4
AGR 2035 Precision Ag Operations	3
AGR 2036 Precision Farming Hardware	3

AGY 1100 General Crop Production	4
AGY 1010 Industrial Hemp Production	3
ANT Any course with an ANT Prefix	
ART Any course with an ART Prefix	
ASC 1100 Animal Sciences	3
ASC 1101 Animal Sciences Lab	1
ASC 1102 Intro to Equine Science	4
ASC 1105 Intro to Large Animal Anatomy	1
ASC 2125 Feeds & Feeding	4
ASC 2130 Farm Animal Anatomy & Physiology	3
AST Any course with an AST Prefix	
BIO Any course with a BIO Prefix	
BUS 1015 Introduction to Business	3
BUS 1016 Personal Finance	3
BUS 2003 Intro to International Business	3
BUS 2016 Legal Environment of Business	3
BUS 2017 Business Communication/Report Writing	3
BUS 2026 Business Statistics	3
CHE Any course with a CHE Prefix except CHE 103	
CIS 1018 Intro PC Applications	3
COM Any course with a COM Prefix	
CRJ Any course with a CRJ Prefix	
ECE 1011 Intro to Early Child Education	3
ECE 1045 Intro to Early Childhood Lab Tech	3
ECE 1031 Guidance Strategies for Children	3
ECE 2051 Nutrition, Health & Safety	3
ECE 2621 Curriculum Development: Methods/Tech	3
ECE 2381 Child Growth & Development	3
ECE 2401 Administrative Early Child Care/Education Professional	3
ECE 2411 Administrative Human Relations/Early Childhood Professional	3
ECO Any Course with an ECO Prefix	
EDU 2211 Introduction to Education	3
EDU 2341 Multicultural Education	3
EDU 2611 Teaching, Learning & Technology	3
EGG Any course with an EGG Prefix	
EMS 1015 First Responder	3
EMS 1021 EMS Fundamentals	3
ENG Any course with an ENG Prefix 100 or higher, except ENG 115, OR ENG 131 Technical Writing I: CO1	
ENV Any course with an ENV Prefix	
ETH Any course with an ETH Prefix	

FIN 2010 Principles of Finance	3
FRE Any course with a FRE Prefix	
GEO Any course with a GEO Prefix	
GEY Any course with a GEY Prefix	
GIS 1001 Introduction to GIS	3
GIS 1010 Introduction to Cartography for GIS	3
HIS Any course with an HIS Prefix	
HNR 1000 Honors Seminar	1
HPE Any course with an HPE Prefix	
HPR 1002 CPR for Professionals	5
HPR 1010 Dietary Nutrition	1
HPR 1039 Medical Terminology	2
HPR 2017 Kinesiology	4
HUM Any course with a HUM Prefix	
HWE 1050 Human Nutrition	3
HWE 1001 Community First Aid & CPR	1
HWE 1062 Health & Fitness	3
HWE 1003 Mental Health First Aid	1
HWE 1061 Fitness & Wellness	2
HWE 2060 Exercise/Nutrition & Body Composition	3
JOU Any course with a JOU Prefix	
LIT Any course with a LIT Prefix	
MAN 1028 Human Relations in Organizations	3
MAN 2000 Human Resource Management I	3
MAN 2015 Organizational Behavior	3
MAN 2016 Small Business Management	3
MAN 2026 Principles of Management	3
MAR 1011 Principles of Sales	3
MAR 2016 Principles of Marketing	3
MAR 2020 Principles of Advertising	3
MAT Any course with a MAT Prefix 112 or higher	
MGD 1004 Videography	3
MGD 1011 Adobe Photoshop I	3
MGD 1012 Adobe Illustrator I	3
MGD 1014 Adobe InDesign	3
MGD 1016 Typography I	3
MGD 1033 Graphic Design I	3
MGD 2011 Adobe Photoshop II	3
MUS Any course with a MUS Prefix	
NUR - Any three credits (Must be 200 Level)	

PED Up to a maximum of four PED credits can be used as AA/AS electives	
PHI Any course with a PHI Prefix	
PHY Any course with a PHY Prefix	
PSC Any course with a PSC Prefix	
PSY Any course with a PSY Prefix	
RAM 2005 Principles of Range Management	3
REA 1030 Applied & Technical Reading	2
REC Any course with a REC Prefix	
SCI Any course with a SCI Prefix	
SOC Any course with a SOC Prefix	
SPA 1011 Spanish Language I	5
SPA 1012 Spanish Language II	5
THE Any course with a THE Prefix	
WST Any course with a WST Prefix	

Degrees and Certificates

AA Degrees

- Anthropology Designation
- Art History Designation
- Associate of Arts
- Business Designation
- Communication Designation
- Criminal Justice Designation
- Early Childhood Teacher Education
- Economics Designation
- Elementary Teacher Education
- English Designation
- Geography Designation
- History Designation
- Music Designation
- Philosophy Designation
- Political Science Designation
- Psychology Designation
- Public Health
- Sociology Designation
- Sports Management Emphasis
- Studio Art Designation
- T-Prep A.A. Early Childhood Education
- T-Prep A.A. Middle School Math Education
- T-Prep A.A. Secondary Science Education
- T-Prep Elementary Education

- T-Prep Special Education
- Theatre Designation

AS Degrees

- Agriculture Business
- Agriculture Education Designation
- Animal Science
- Associate of Science-General
- Astronomy Emphasis
- Biology Emphasis
- Chemical Engineering
- Chemistry Designation
- Chiropractic Tract
- Dental Hygiene Tract Emphasis
- Dentistry Tract Emphasis
- Electrical Engineering
- Engineering
- Environmental Science Emphasis
- Equine Science Designation
- Forestry Emphasis
- Geology
- Horticulture Business Management
- Mathematics Emphasis
- Medical Technician Tract Emphasis
- Medical Tract Emphasis

- Microbiology Emphasis
- Mortuary Tract
- Natural Resources Management
- Nursing Tract Emphasis (CU-Anschutz)
- Nursing Tract Emphasis (UNC)
- Nutrition and Food Science - Dietetics
- Occupational Therapy Tract Emphasis
- Pharmacy Tract Emphasis
- Physical Therapy Tract Emphasis
- Physician's Assistant Tract
- Physics
- Psychology
- Radiology Technician Tract Emphasis
- Respiratory Therapy Tract
- Soil and Crop Science
- Speech Pathology - Audiology
- Sports Medicine-Athletic Training
- Surgery Technician Tract Emphasis
- Veterinary Medicine Tract Emphasis
- Wildlife Biology Emphasis (Chemistry Focus)
- Wildlife Biology Emphasis (Physics Focus)
- Zoology Emphasis

- Early Childhood Education
- Emergency Medical Services
- Equine Business Management
- Equine Management
- Fire Science Technologies
- Industrial Automation
- LPN to Associate Advanced Placement Option
- Production Agriculture
- Welding Technology

Certificates

- Accounting Technician I
- Accounting Technician II
- Advanced Agriculture Business Management
- Advanced Automotive Electrical
- AG Power Equipment Repair
- Agri-business
- Agriculture Business Records and Business Planning
- Agriculture Commodity Marketing
- Agriculture Financial Analysis
- Agriculture Market Plan Development
- Agriculture Profit Maximization
- Automatic Transmission Service
- Automotive & Diesel Master Technician
- Automotive Brake Systems
- Automotive Drivability & Emissions
- Automotive Electrical
- Automotive Engines
- Automotive Heating & Air Conditioning
- Automotive Maintenance and Inspection
- Automotive Manual Powertrains & Clutches
- Automotive Steering & Suspension
- Barber Crossover Certificate
- Basic Tax Preparation
- Business Administration
- Business Management
- Cosmetology
- Criminal Justice
- Diesel & Automotive Master Technician
- Diesel Electrical
- Diesel Engines
- Diesel Heavy Duty Breaks
- Diesel Heavy Duty Powertrains
- Diesel Heavy Duty Steering & Suspension
- Diesel HVAC

AGS Degrees

- Agricultural Business Concentration
- Agricultural Communication (Journalism) Concentration
- Agricultural Education Concentration
- Agriculture (General) Concentration
- Animal Science Concentration
- Associate of General Studies Degree (A.G.S.)
- Equine Science Concentration
- Range Management Concentration
- Soil & Crop Science Concentration

AAS Degrees

- Agri-business Degree
- Applied Management
- Applied Technology
- Associate Degree Nursing
- Automotive Technology
- Business: Accounting Emphasis
- Business: Management Emphasis
- Business: Marketing Emphasis
- Diesel Technology

- Diesel Hydraulics
- Early Childhood Assistant Teacher
- Early Childhood Director
- Early Childhood Teacher
- EMT Basic
- Equine Business Management Certificate
- Equine Management Training Certificate
- FCAW
- Firefighter Advanced Level
- Firefighter Basic Level
- Firefighter Instructor
- Forensic Psychology
- Foundations of Business I
- Foundations of Business II
- GMAW
- GTAW
- Industrial Control
- Industrial Electricity
- Industrial Maintenance
- Industrial Safety
- Marketing
- Nanny/Infant Toddler Teacher
- Nurse Aide Certificate of Achievement (NACT)
- Oxy-fuel
- Paramedic
- Practical Nursing Certificate Exit Option
- Precision Agriculture
- Precision Agriculture-Advanced
- Production Agriculture Certificate
- Rural Business Entrepreneurship
- SMAW (Shielded Metal Arc Welding)
- T-Prep Early Childhood Education
- T-Prep Secondary Science Education Certificate
- Welding Fabricator
- Wind Technician

Transfer-Degree and Program Information

Statewide Transfer Policy

Transfer of Associate of Arts and Associate of Science Degrees. Effective for students who enter in the Fall 2003 semester, Colorado public four-year higher education institutions will honor the transfer of an Associate of Arts (A.A.) degree and the Associate of Science (A.S.) degree earned at a Colorado community college. A student who earns an A.A. or A.S. degree at a Colorado public community college, including completing the state guaranteed general education courses, with a grade of C or better in all courses will transfer with junior standing into any arts and science degree program offered by a Colorado public four-year college.

The credits earned in the associate degree program will apply at minimum to 35 credit hours of lower division general education and 25 credit hours additional graduation credits.

Since 1988, Colorado has had an operating two-plus-two transfer agreement that ensures a student who completes an AA or AS degree with a C or better in all courses will have junior standing, that is transfer 60 credit hours.

Because all liberal arts and sciences degrees are designed to be completed in 120 credit hours, a transfer student can complete a four-year degree in the same time as a native student, 120 hours. The receiving institution will evaluate credit for prior learning, Advanced Placement, and correspondence courses following its standard policy.

Transfer of General Education - Colorado's state guaranteed general education courses are designed to allow students to begin their general education courses at one Colorado public higher education institution and later transfer to another without loss of general education credits. Colorado policy ensures that students who successfully complete a state guarantee general education course will receive transfer credits applied to graduation requirements in all majors at all public institutions unless a specific statewide articulation agreement exists.

The state's guaranteed general education curriculum is organized into five categories: communication, mathematics, fine arts and humanities, social and behavioral sciences, and physical and life sciences.

To complete the Colorado state guaranteed general education core, students are required to take 35 to 37 semester credit hours and earn a C grade or better in each course. The guarantee is limited to the number of semester credit hours in each general education category.

All state guaranteed general education courses in communication, mathematics, arts and humanities, social and behavior science, and physical and life science shall be identified by a state-assigned common number.

When evaluating a transfer student's transcript, each Colorado public higher education institution will apply state guarantee general education credits to its general education graduation requirements. Institutions may require additional general education graduation requirements beyond the 35 semester credit hours of state guaranteed general education credits. If an institution requires less than 35 general education credits, the institution will accept in transfer the full 35 credits and apply these credits toward a student's graduation requirements.

Four-Year College or University Transfer Curricula

Transfer programs are offered to students planning to continue at a senior institution and earn the baccalaureate degree. Any student who expects to transfer to a senior college from Northeastern Junior College is advised to write to the registrar of the proposed college(s) or university(s) for specific information concerning course work to be taken while attending NJC. Students who desire to pursue academic programs other than those listed should consult a counselor or faculty advisor for assistance in planning an appropriate program of study. Final responsibility for choice of program and individual course selections, however, rests with the student.

Acceptance, number of transferable credits, and class standing are always at the discretion of the institution to which the student plans to transfer. Private and public four-year colleges and universities, as well as out-of-state institutions, reserve the right to handle each case individually and to evaluate all course work completed as it relates to their requirements.

The college reserves the right to substitute courses for those no longer offered, to modify course content at any time, to approve the substitution of one course for another in any program or degree, or to waive any course prerequisite or co-requisite.

Programs of Emphasis for University Transfer

Northeastern offers a variety of junior college courses necessary to prepare students for successful transfer.

Statewide Articulation Agreements

An Articulation Agreement is a statewide agreement among all Colorado community colleges and all four-year public institutions who offer a particular degree program. It is most commonly used for undergraduate professional programs that have specific course requirements established by accrediting or external licensure boards.

Transfer Guides

Each institution is responsible for implementing a Transfer Guide for each CCHE approved baccalaureate degree program unless a statewide articulation agreement is in place. The Transfer Guide shall be designed so that a student can complete a baccalaureate program in no more than 120 credit hours unless there are additional graduation requirements recognized by the Commission. The transfer guide defines the 25 credit hours required beyond the state guaranteed general education credits and may include required courses in the major or prerequisite courses for admission into the degree program. The transfer guides are to be on file with CCHE. [Institutional Transfer Guides | Higher Education \(colorado.gov\)](#)

Statewide Articulation Agreements

Statewide Articulation Agreements - Associate of Arts (A.A.)

The number of statewide articulation agreements continues to increase. These agreements between two and four-year institutions ensures the student will take appropriate and required courses and provide for a smooth transfer to the four-year level. Students must complete all the courses with a "C" or better and no course substitutions are allowed.

If course work is over 10 years old it is up to the college if they want to apply it to the degree, but there is no guarantee course work that old will transfer. That would be up to the receiving institution.

Information on transfer agreements can be found at: [Transfer Degrees | Higher Education \(colorado.gov\)](#)

Graduation Requirements and Policies (A.A.)

Complete a minimum of 60 semester credits of approved coursework as outlined in the college catalog. Thirty-seven semester credits comprise the general education requirements for the A.A. The degree requires an additional 23 credits from the list of approved electives. Students should select their elective courses in consultation with their academic advisor based on the student's declared program of study and educational goal.

- Earn a minimum cumulative grade point average of 2.0 (a "C" average).
- Earn 15 semester credits of coursework prior to graduation through Northeastern.
- Complete an Application for Graduation at: [Application for Graduation | Northeastern Junior College \(njc.edu\)](#)
- Resolve all financial obligations to the college and return all library and college materials.

All students earning an Associate of Arts degree must complete 37 semester credits of the following general education requirements:

General Education Requirements	
Written Communication	6 total credits
ENG1021 English Composition I (GT-CO1) and ENG1022 English Composition II (GT-CO2)	6
Oral Communication (CCCS requirement)	3 total credits
COM1150 Public Speaking or COM1250 Interpersonal Communication or COM2300 Intercultural Communication	3
Mathematics	3 minimum total credits
MAT1240 or higher. Any guaranteed transfer Math course except MAT1220 or MAT1230 (GT-MA1)	3-5 credits
Arts & Humanities-Social & Behavioral Sciences Combined	18 total credits
Two guaranteed transfer Arts & Humanities courses from two different categories (AH1, AH2, AH3, AH4) and	6
Two guaranteed transfer Social & Behavioral Sciences courses (SS1, SS2, SS3) and	6
One guaranteed transfer History course (HI1) and	3
One additional guaranteed transfer course from either Arts & Humanities or Social & Behavioral Sciences (AH1, AH2, AH3, AH4, SS1, SS2, SS3, or HI1)	3
Physical & Life Sciences	7 minimum total credits
Two guaranteed transfer Physical & Life Sciences courses including at least one lab course (SC1, SC2)	7
Electives	23 total credits
23 credits selected from the list of approved A.A.- A.S. Electives	23

Elective Credits

Elective credits for Associate of Arts and Associate of Science degrees should be chosen in conjunction with the student's major and in consultation with their advisor. Transferability of these courses is dependent upon the transfer agreement developed with each four-year college or university. It is in the student's best interest to see an advisor before selecting electives.

Associate of Arts

TOTAL CREDITS: 60

CIP: 240101 | BANNER: AA

The Associate of Arts (A.A.) degree is awarded to a student who successfully completes a program designed to transfer to a four-year college or university to earn a baccalaureate degree. The student who is pursuing a particular major at a four-year institution may wish to select a particular area of emphasis described in this catalog. Students pursuing a program of study that has a Statewide Articulation Agreement must meet those requirements.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3

OR you can take ENG1022 and a GT-CO3 course.

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
Choose one of the following:		
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3-4**

Take one 3 or 4 credit minimum, MAT1240 or higher. Any GT-MA1 course except MAT1220/1230.

Arts and Humanities

Total Credits **6**

Take two GT courses from two different categories AH1, AH2, AH3 or AH4.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **9**

Take two GT courses from SS1, SS2, SS3 categories.

One additional Guaranteed Transfer course from either Arts & Humanities or Social & Behavioral Sciences (AH1, AH2, AH3, AH4, HI1, SS1, SS2, or SS3).

Natural and Physical Sciences

Total Credits **7**

Take two GT courses from the SC1 or SC2 categories including at least one lab course.

Electives

Total Credits **23**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page.



Anthropology Designation

TOTAL CREDITS: 60

CIP: 240101 | BANNER: ANTH

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
Choose one of the following courses		
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3-4**

Course Number	Course Title	Credits
MAT1260	Introduction to Statistics: GT-MA1	3

Check with your advisor to choose the appropriate GT-MA1 course, it may vary based on transfer institution.

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1, SS2, SS3 categories.

Natural and Physical Sciences

Total Credits **8**

Take two GT courses from GT-SC1 category.

Program Requirements

Total Credits **19**

Course Number	Course Title	Credits
ANT1001	Cultural Anthropology: GT-SS3	3
ANT1003	Introduction to Archaeology: GT-SS3	3
ANT1005	Bio Anthropology with Laboratory: GT-SC1	4
Take one GT courses from AH1, AH2, AH3 or AH4 categories.		
Take one GT course from SS2 or SS3 categories.		

Electives

Total Credits **5-6**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Art History Designation

TOTAL CREDITS: 60

CIP: 240101 | BANNER: ATHD

Art history is the study of art throughout the ages. The purpose of this type of history is to not only understand and appreciate certain pieces of art, but also the artists that created them. An art historian studies the different types and styles of art and artists throughout history and is often in a position to help others understand art better as well.

Some art historians also try to preserve and restore pieces of art that have been damaged. Performing these duties often requires artistic abilities since they will need to recreate these pieces. Generally, a degree in art history will often help you secure employment in museums or art galleries. These types of organizations will often hire art history majors to obtain pieces of art and arrange exhibits.

Some other possible careers for art history majors include university professors, archivists, museum registrars, museum technicians, preservationists, and art restorers.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1022	English Composition II: GT-CO2	3

Mathematics

Total Credits **3-4**

Take one GT-MA1 course, prefer MAT1240.

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories, except for the courses under Program Requirements.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1, SS2, SS3 categories.

Natural and Physical Sciences

Total Credits **7**

Take two GT courses from the SC1 or SC2 category (one must be a SC1 course with a lab).

Program Requirements

Total Credits **18**

Course Number	Course Title	Credits
ART1111	Art History Ancient to Medieval: GT-AH1	3
ART1112	Art History Renaissance to 1900: GT-AH1	3
ART1201	Drawing I	3
ART1002	Visual Concepts 2-D Design	3
ART1003	3-D Design	3
ART1113	Art History 1900 to Present: GT-AH1	3

Electives

Total Credits **10-11**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page.

Business Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: BSTR

Northeastern Business Transfer program is designed for the student with future goals of obtaining a baccalaureate degree. The transfer student can obtain an Associate of Arts degree with an emphasis in Business. The degree program contains the necessary general education courses and core business courses that enables a student to fulfill the first two years of a four-year business degree.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits **4**

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
or		
MAT1320	Finite Mathematics: GT-MA1	4
**MAT 1400 may be required for some transfers		

Arts and Humanities

Total Credits **6**

Course Number	Course Title	Credits
PHI2005	Business Ethics: GT-AH3	3
and one GT course from AH1, AH2, AH3 or AH4 categories.		

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Course Number	Course Title	Credits
ECO2001	Principles of Macroeconomics: GT-SS1	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Natural and Physical Sciences

Total Credits **7**

Take two GT courses from the SC1 or SC2 category. (one must be a SC1 course with a lab)

Program Requirements

Total Credits **21**

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
ACC1011	Introduction to Financial Accounting	3
and		
ACC1012	Introduction to Managerial Accounting	3
or		
ACC1021	Accounting Principles I	4

Course Number	Course Title	Credits
and		
ACC1022	Accounting Principles II	4
BUS2016	Legal Environment of Business	3
BUS2017	Business Communication/Report Writing	3
BUS2026	Business Statistics	3
CIS1018	Introduction to PC Applications	3

*Please Note: BUS1015 is recommended during the first semester

Electives

Total Credits **2-4**

Suggested Electives: Any ACC, BUS, CIS, CSC, CWB, ECO, MAN, MAR, MGD or PHI 1012 course.

Communication Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: COMD

The communication program at Northeastern gives students the introductory level course work required for most degrees. These courses provide students with insight into public presentation. This course work will benefit those students who wish to pursue careers in broadcasting, journalism, politics, law, public service, and education.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Mathematics

Total Credits **3-4**

Take one GT-MA1 course, prefer MAT1240.

Arts and Humanities

Total Credits **6**

Take two GT courses from two different categories AH1, AH2, AH3 or AH4.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Course Number	Course Title	Credits
COM2300	Intercultural Communication: GT-SS3	3

Choose one additional GT course from SS1, SS2 or SS3 categories.

Natural and Physical Sciences

Total Credits **7**

Take two GT course from the SC1 or SC2 categories for a total of 7 credits. (one must be a SC1 course with a lab)



Program RequirementsTotal Credits **18**

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

Choose two additional GT courses from either H11, SS1, SS2 or SS3 categories. Choose an additional three-credit course with COM prefix.

ElectivesTotal Credits **10-11**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page.

Please Note: Additional COM courses beyond the 4 courses (12 credits) identified above may not count toward the Communication major at the receiving four-year institution.

Criminal Justice DesignationTOTAL CREDITS **60**

CIP: 240101| BANNER: CRJT

Criminal Justice covers a wide range of career and professional fields including law enforcement, investigations, corrections, probation, parole, and administration of justice to name a few.

Career opportunities are generally available from small rural communities to metropolitan areas, and everywhere in between. This *Degree with Designation* prepares students to transfer to four-year colleges and universities provided they complete all aspects of the degree.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses listed below.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

MathematicsTotal Credits **3-4**

Take one 3 or 4 credit GT-MA1 course, prefer MAT1260.

***Please Note:** Consult with a Northeastern advisor in selecting the appropriate math course needs, as some four-year institutions require a specific math course.

Arts and HumanitiesTotal Credits **6**

Take two GT courses from two different categories from AH1, AH2, AH3 or AH4.

HistoryTotal Credits **3**

Take one GT course from the H11 category.

Social and Behavioral SciencesTotal Credits **6**

Course Number	Course Title	Credits
SOC1001	Introduction to Sociology I: GT-SS3	3

Choose one additional 3 credit GT course from the SS3 category.

Natural and Physical SciencesTotal Credits **8**

Take two GT course from the SC1 or SC2 categories for a total of 8 credits. (one must be a SC1 course with a lab)

Program RequirementsTotal Credits **9**

Course Number	Course Title	Credits
CRJ1010	Introduction to Criminal Justice: GT-SS3	3
CRJ1045	Correctional Process	3
CRJ1025	Policing Systems	3

Program RequirementsTotal Credits **6**

Choose two of the following courses:

Course Number	Course Title	Credits
CRJ1027	Crime Scene Investigation	3
CRJ1035	Judicial Function	3
CRJ2005	Principles of Criminal Law	3
CRJ2009	Criminal Investigation I	3
CRJ2031	Introduction to Forensic Science: Criminalist	3
CRJ2035	Delinquent Behavior	3
CRJ2036	CRJ Research Methods	3
CRJ2057	Victimology	3
CRJ2068	Criminal Profiling	3
CRJ2030	Criminology	3

ElectivesTotal Credits **9-10**

Choose three of the following courses:

Course Number	Course Title	Credits
ANT2315	Introduction to Forensic Anthropology with Lab: GT-SS3	4
COM2220	Group Communication: GT-SS3	3
COM2250	Organizational Communication	3
PSC1011	American Government: GT-SS1	3
PSC1025	American State and Local Govt: GT-SS1	3
PSY2770	Introduction to Forensic Psychology	3
PSY2107	Human Sexuality: GT-SS3	3
PSY2221	Social Psychology: GT-SS3	3
PSY2552	Abnormal Psychology: GT-SS3	3
SOC2031	The Sociology of Deviant Behavior: GT-SS3	3



Early Childhood Teacher Education

TOTAL CREDITS **60**

CIP: 240101 | BANNER: ECTD

For those who want the opportunity to provide a positive influence on the lives of children and their families, early childhood is a fascinating field in which to work. In addition to the A.A.S. degree and certificate programs in early childhood specified later in this catalog, a student can earn the A.A. in preparation for transfer into a four-year program.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1022	English Composition II: GT-CO2	3

Mathematics

Total Credits **4**

Course Number	Course Title	Credits
MAT1240	Math for Liberal Arts: GT-MA1	4

Arts and Humanities

Total Credits **6**

Choose one course from those listed below.

Course Number	Course Title	Credits
ART1110	Art Appreciation: GT-AH1	3
MUS1020	Music Appreciation: GT-AH1	3
THE1005	Theatre Appreciation: GT-AH1	3

Also choose one of the following courses

LIT1015	Introduction to Literature I: GT-AH2	3
LIT2055	Children`s Literature: GT-AH2	3

History

Total Credits **3**

Course Number	Course Title	Credits
HIS1210	United States History to Reconstruction: GT-HI1	3
or		
HIS1220	United States History since the Civil War: GT-HI1	3

Social and Behavioral Sciences

Total Credits **6**

Course Number	Course Title	Credits
GEO1005	World Regional Geography: GT-SS2	3
PSY1001	General Psychology I: GT-SS3	3

Natural and Physical Sciences

Total Credits **8**

Must successfully pass both courses to satisfy the requirement.

Course Number	Course Title	Credits
SCI1055	Integrated Science I - Physics and Chemistry with Lab: GT-SC1	4
SCI1056	Integrated Science II - Earth and Life Science with Lab: GT-SC1	4

Program Requirements

Total Credits **18**

Course Number	Course Title	Credits
ECE1011	Introduction to Early Childhood Education	3
ECE1045	Introduction to ECE Techniques	3
ECE1031	Guidance Strategies Young Children	3

Course Number	Course Title	Credits
ECE2621	Curriculum Methods/Techniques	3
ECE2381	ECE Child Growth & Development	3
ECE2101	Working with Families & Communities	3

Electives

Total Credits **9**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Economics Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: ECON

The study of Economics prepares students for a variety of professions that emphasize the use of economics. Students who ultimately earn a bachelor's degree in Economics would most likely go in to obtain a graduate degree.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1022	English Composition II: GT-CO2	3

Mathematics

Total Credits **8**

Course Number	Course Title	Credits
MAT1260	Introduction to Statistics: GT-MA1	3
MAT2410	Calculus I: GT-MA1	5

Arts and Humanities

Total Credits **9**

Take three GT courses from AH1, AH2, AH3 or AH4 categories.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Course Number	Course Title	Credits
ECO2001	Principles of Macroeconomics: GT-SS1	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Natural and Physical Sciences

Total Credits **8**

Take two GT course from the SC1 or SC2 categories. (one must be a SC1 course with a lab)

Electives

Total Credits **20**

Consult with a Northeastern Advisor and select the credits based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.



Elementary Teacher Education

TOTAL CREDITS 60

CIP: 240101 | BANNER: EMTD

The elementary education program has specific general education and Program Requirements that prepare a student to transfer successfully to a four-year University's elementary education licensure program.

Written Communication

Total Credits 6

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1022	English Composition II: GT-CO2	3

Some four-year institutions require an B or better in ENG1021.

Oral Communication

Total Credits 3

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits 6

Course Number	Course Title	Credits
MAT1220	Integrated Math I: GT-MA1	3
MAT1230	Integrated Math II: GT-MA1	3

Arts and Humanities

Total Credits 9

Course Number	Course Title	Credits
LIT2055	Children`s Literature: GT-AH2	3

Choose one of the following courses:

ART1110	Art Appreciation: GT-AH1	3
THE1005	Theatre Appreciation: GT-AH1	3
MUS1020	Music Appreciation: GT-AH1	3

Choose one additional course from the GT-AH2 category.

History

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
HIS1210	United States History to Reconstruction: GT-HI1	3
HIS1220	United States History since the Civil War: GT-HI1	3

Social and Behavioral Sciences

Total Credits 6

Choose one of the following GEO courses.

Course Number	Course Title	Credits
GEO1005	World Regional Geography: GT-SS2	3
GEO1006	Human Geography: GT-SS2	3
PSC1011	American Government: GT-SS1	3

Natural and Physical Sciences

Total Credits 8

Students must successfully pass both classes to satisfy the requirements.

Course Number	Course Title	Credits
SCI1055	Integrated Science I - Physics and Chemistry with Lab: GT-SC1	4
SCI1056	Integrated Science II - Earth and Life Science with Lab: GT-SC1	4

Program RequirementsTotal Credits **13**

Course Number	Course Title	Credits
EDU2211	Introduction to Education	3
PSY2441	Child Development: GT-SS3	3
EDU2341	Multicultural Education	3
EDU2611	Teaching, Learning & Technology	3
EDU2088	Practicum II	2

ElectivesTotal Credits **9**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

***Please Note:** For a list of courses designed to transfer to an institution other than the University of Northern Colorado, please visit the Academic Services Division in E S French 170.

English DesignationTOTAL CREDITS **60**

CIP: 240101 | BANNER: ENGD

The study of English prepares students for a variety of professions that emphasize the use of language. Students who ultimately earn a bachelor's degree in English would be prepared to enter graduate studies in law, communications, media, and business.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2250	Organizational Communication	3

MathematicsTotal Credits **3-4**

Take one GT-MA1 course, prefer MAT1240.

Arts and HumanitiesTotal Credits **9**

Take three GT courses from at least two different categories from AH1, AH2, AH3 or AH4.

***Please Note:** Literature (LIT) courses will NOT be accepted to fulfill this requirement.

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **6**

Take two GT courses from the SS1, SS2 or SS3 categories.

Natural and Physical SciencesTotal Credits **8**

Take two GT courses from the SC1 or SC2 categories. (one must be a SC1 course with a lab)

Program Requirements

Total Credits **15**

Choose five GT Arts & Humanities Literature (LIT) courses from AH2 category.

***Please Note:** Students are required to take a total of 5 LIT courses (15 credits), 4 of which must be at the 2000-level.

Electives

Total Credits **8**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page. ENG2021 is strongly encouraged.

Geography Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: GEOM

Geography is the science which seeks to understand the Earth in all its natural complexities, not just where objects are, but how they have changed and come to be. It is the bridge between human and physical science.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Mathematics

Total Credits **3-4**

Take one 3 or 4 credit GT-MA1 course, prefer MAT1260.

***Please Note:** Check with your advisor for what MAT course your transfer institution requires.

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1 or SS3 categories.

Natural and Physical Sciences

Total Credits **8**

Take two GT courses from the SC1 or SC2 category.

***Please Note:** NO GEO prefix science courses; GEY1111 not recommended.

Program Requirements

Total Credits **14**

Course Number	Course Title	Credits
GEO1005	World Regional Geography: GT-SS2	3
GEO1006	Human Geography: GT-SS2	3
GEO1011	Physical Geography: Landforms with Lab: GT-SC1	4
GEO1012	Physical Geography: Weather, Climate and Ecosystems with Lab: GT-SC1	4

Electives

Total Credits **13-14**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

History Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: HIST

The History program at Northeastern provides students with cultural histories from Western and non-Western civilizations, Paleolithic era through modern times. Such experience provides students with a wealth of information that promises to enrich their personal and educational lives.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3-4**

Take one GT-MA1 course, prefer MAT1240.

Arts and Humanities

Total Credits **9**

Take three GT courses from at least two different categories from AH1, AH2, AH3 or AH4.

History

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
HIS1310	Western Civilization: Antiquity-1650: GT-HI1	3
HIS1110	The World: Antiquity-1500: GT-HI1	3

Social and Behavioral Sciences

Total Credits **6**

Take two GT course from the SS1, SS2 or SS3 categories.

Natural and Physical Sciences

Total Credits **7**

Take two GT courses from the SC1 or SC2 category. One must be a SC1 course with a lab.

Program Requirements

Total Credits **12**

Course Number	Course Title	Credits
HIS1210	United States History to Reconstruction: GT-HI1	3
HIS1220	United States History since the Civil War: GT-HI1	3
Also choose one of the following courses.		
HIS1320	Western Civilization: 1650-Present: GT-HI1	3
HIS1120	The World: 1500-Present: GT-HI1	3
And one additional GT course from the HI1 category.		

Electives

Total Credits **11**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Music Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: MUSD

Northeastern offers an immersive experience for students who are interested in the study of music. In addition to courses in music theory, music appreciation, and computer music, students may elect to pursue private lessons in guitar, vocals, piano or other instrument. Students will also explore the world of jazz via our dazzling Jazz Band; Concert Band and Concert Choir are available for the more traditionally minded students. While the vocal power of the Contemporary Choir will hit all the right notes with some of the more popular hits on the radio.

Students at Northeastern will not only develop musical skills - they'll also be provided with invaluable life skills such as confidence, teamwork, communication, focus and discipline. Allowing students to leave with more skills than they started with.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Mathematics

Total Credits **3-4**

Take one GT-MA1 course, prefer MAT1240.

Arts and Humanities

Total Credits **6**

Course Number	Course Title	Credits
MUS1021	Music History Medieval thru Classical: GT-AH1	3
MUS1022	Music History Romantic to Present: GT-AH1	3

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1, SS2 or SS3 categories.

Natural and Physical Sciences

Total Credits **7**

Take two GT courses from the SC1 or SC2 categories. (one must be a SC1 course with a lab)

Program Requirements

Total Credits **28**

Course Number	Course Title	Credits
MUS1010	Music Theory I	3
MUS1011	Music Theory II	3
MUS1012	Ear Training/Sight-signing I Lab	1
MUS1013	Ear Training/Sight signing II Lab	1
MUS1041	Private Instruction - (specify)	1-2
MUS1042	Private Instruction - (specify)	1-2
MUS1051	Ensemble I:	1
MUS1052	Ensemble II:	1
MUS2010	Music Theory III	3
MUS2011	Music Theory IV	3

Course Number	Course Title	Credits
MUS2012	Advanced Ear Training and Sight-Singing I Lab	1
MUS2013	Advanced Ear Training and Sight-Singing II Lab	1
MUS2041	Private Instruction - (specify)	1-2
MUS2042	Private Instruction - (specify)	1-2
MUS2051	Ensemble I	1
MUS2052	Ensemble II	1

Philosophy Designation

TOTAL CREDITS 60

CIP: 240101 | BANNER: PHIM

The philosophy courses at Northeastern are designed to help prepare students for almost any profession in society today. The primary emphasis in philosophy is critical thinking; therefore, these courses provide good preparation for students interested in criminal justice, law, education, and social work.

Written Communication

Total Credits 6

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Mathematics

Total Credits 3-4

Take one GT-MA1 course, prefer MAT1240.

Arts and Humanities

Total Credits 6

Take two GT courses from at least two different categories from AH1, AH2, AH3 or AH4.

History

Total Credits 3

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits 6

Take two GT course from the SS1, SS2 or SS3 categories.

Natural and Physical Sciences

Total Credits 7

Take two GT courses from the SC1 or SC2 category (one must be a SC1 course with lab).

Program Requirements

Total Credits 9

Course Number	Course Title	Credits
PHI1011	Introduction to Philosophy: GT-AH3	3
PHI1012	Ethics: GT-AH3	3
PHI1013	Logic: GT-AH3	3

Program Requirements

Total Credits 6

Choose two of the three courses listed below.

Course Number	Course Title	Credits
PHI2014	Philosophy of Religion: GT-AH3	3
PHI2018	Environmental Ethics: GT-AH3	3
PHI2020	Philosophy of Death and Dying: GT-AH3	3

ElectivesTotal Credits **13-14**

Consult with a Northeastern Advisor and select the credits based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Political Science DesignationTOTAL CREDITS **60**

CIP: 240101 | BANNER: POLS

Students who pursue a degree in political science study governments, public policies and political processes, systems, and political behavior. Political science subfields include political theory, political philosophy, political ideology, political economy, policy studies and analysis, comparative politics, international relations, and a host of related fields.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

MathematicsTotal Credits **3-4**

Take one GT-MA1 course, prefer MAT1260.

Arts and HumanitiesTotal Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories.

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **6**

Course Number	Course Title	Credits
ECO2001	Principles of Macroeconomics: GT-SS1	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Natural and Physical SciencesTotal Credits **8**

Take two GT courses from the SC1 category.

Program RequirementsTotal Credits **12**

Course Number	Course Title	Credits
PSC2020	Introduction to Political Science: GT-SS1	3
PSC1011	American Government: GT-SS1	3
PSC2005	International Relations: GT-SS1	3
PSC2025	Comparative Government: GT-SS1	3

ElectivesTotal Credits **16**

Consult with a Northeastern Advisor and select the credits based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Psychology Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: PSYA

The Psychology program offers students the opportunity to take a very comprehensive selection of courses. This program would prepare transfer students to pursue bachelor's degree in psychology, human services, counseling, social work, and other areas in the behavioral sciences. Students are encouraged to have a strong mathematics and statistics background and to take courses in the natural sciences (e.g. biology and chemistry) as well.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
and		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **4**

Take one 4 credit GT-MA1 course, prefer MAT1260.

***Please Note:** Consult with a Northeastern advisor in selecting the appropriate math course needs, as some four-year institutions require a specific math course.

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories. No more than two courses from any one category.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1, SS2 or SS3 categories. May not be PSY courses.

Natural and Physical Sciences

Total Credits **7-8**

Take one GT Biology course from SC1 category (must be a SC1 course with a lab). Also, one SC1 course of the student's choosing.

Program Requirements

Total Credits **15**

Below are the required courses for this emphasis. Choose an additional three Psychology (PSY) courses in the SS3 category.

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
PSY1002	General Psychology II: GT-SS3	3

Electives

Total Credits **10-11**

Consult with a Northeastern Advisor and select the credits based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Sociology Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: SOCL

Sociology is the scientific study of society, including patterns of social relationships, social interaction, and culture. Sociologists study all things human, from the interactions between two people to the complex relationships between nations or multinational corporations. Students who study sociology learn to better understand themselves since sociology examines how the social world influences the way we think, feel, and act. Becoming aware of the social processes that influence the way humans think, feel, and behave enables individuals to shape the social forces they face.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3-4**

Take one 3 or 4 credit GT-MA1 course, prefer MAT1260.

***Please Note:** Consult with a Northeastern advisor in selecting the appropriate math course needs, as some four-year institutions require a specific math course.

Arts and Humanities

Total Credits **9**

Take three GT courses from two different areas AH1, AH2, AH3 or AH4 categories.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from the SS1, SS2 or SS3 categories.

Natural and Physical Sciences

Total Credits **8**

Take two GT courses from the SC1 category.

Program Requirements

Total Credits **15**

Below are the recommended courses for this emphasis. Choose an additional three Sociology courses from the SS3 category.

Course Number	Course Title	Credits
SOC1001	Introduction to Sociology I: GT-SS3	3
SOC1002	Introduction to Sociology II: GT-SS3	3

Electives

Total Credits **6-7**

Consult with a Northeastern Advisor and select the credits based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Sports Management Emphasis

TOTAL CREDITS 60

CIP: 240101 | BANNER:

Fall Freshman Year

Total Credits **16**

Choose one History Course from GT-HI1 category.

Course Number	Course Title	Credits
REC1020	Introduction to Sport Management	3
BUS2017	Business Communication/Report Writing	3
ENG1021	English Composition I:GT-CO1	3
MAT1340	College Algebra: GT-MA1	4

Spring Freshman Year

Total Credits **16-17**

Course Number	Course Title	Credits
ACC1021	Accounting Principles I	4
HWE1061	Fitness and Wellness	2
ENG1022	English Composition II: GT-CO2	3

Choose one GT Science course with lab from SC1 category and one GT course from AH1, AH2, AH3, AH4, HI1, SS1, SS2 or SS3. ECO2001 is highly recommended)

Fall Sophomore Year

Total Credits **13-14**

Course Number	Course Title	Credits
MAN2026	Principles of Management	3
COM1150	Public Speaking	3

Choose one GT Science course with lab from SC1 category and one GT course from AH1, AH2, AH3, AH4, HI1, SS1, SS2 or SS3. (ECO 2002 is highly recommended.)

Spring Sophomore Year

Total Credits **13**

Below is the recommended course for this emphasis. Choose one GT course from AH1, AH2, AH3, AH4, and one course from SS2 or SS3 category.

Course Number	Course Title	Credits
MAR2016	Principles of Marketing	3
HPE2000	Perspectives in PE & Sport	3

***Please Note:** Student will also choose one elective credit of their choice. Please consult an NJC Advisor to choose this course.

Studio Art Designation

TOTAL CREDITS 60

CIP: 240101 | BANNER: SARD

A degree in Studio Art helps you hone and express your creativity while providing you with knowledge of a variety of artistic techniques. Your ability to transform sketches, data, and verbal instructions into works of art makes you stand out to employers who need creative thinkers.

Other skills you offer to potential employers include strong critical thinking skills, graphic design and marketing skills, the ability to adapt techniques, tools, and materials to different creative processes, budgets, and final uses. Experience designing products to meet the needs and tastes of diverse clients and audiences and demonstrate the use of texture, contrast, and color combinations for visual impact. Here is a brief list of some popular careers Studio Art majors have found success in: conservator, fine artist (painter, sculptor, and illustrator), multimedia artist/ animator, and scientific artist.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

MathematicsTotal Credits **3-4**

Take one GT-MA1 course, prefer MAT1240.

Arts and HumanitiesTotal Credits **6**

Take two GT courses from AH2, AH3 or AH4 categories. (No AH1 courses)

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **6**

Take two GT courses from the SS1, SS2 or SS3 categories.

Natural and Physical SciencesTotal Credits **7**

Take two GT courses from the SC1 or SC2 category (one must be a SC1 course with a lab).

Program RequirementsTotal Credits **21**

Course Number	Course Title	Credits
ART1111	Art History Ancient to Medieval: GT-AH1	3
ART1112	Art History Renaissance to 1900: GT-AH1	3
ART1201	Drawing I	3
ART1002	Visual Concepts 2-D Design	3
ART1003	3-D Design	3
ART1202	Drawing II	3

Take one additional three credit Studio Art Course.

ElectivesTotal Credits **8**

Consult with a Northeastern Advisor and select the credits based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

T-Prep A.A. Early Childhood EducationTOTAL CREDITS **60**

CIP: 131201 | BANNER:

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. By choosing a T-Prep pathway, your career opportunities will widen. In T-Prep, we prepare highly competent professionals who embrace the whole child in inclusive, culturally and linguistically diverse settings.

Continuing your education can help to advance your knowledge and abilities to be an agent of social change and serve young children, youth and families more effectively. Obtaining a bachelor's degree now will prepare you to work in a variety of educational settings and prepare you to serve in leadership positions in the future. Additional schooling, spent in a caring, networked learning community, will be an asset to you. More specific information regarding the T-Prep program can be found on the NJC website at NJC T-Prep.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

MathematicsTotal Credits **3-4**

Below is recommended course for this degree or one (4 credit) GT-MA1 course.

Course Number	Course Title	Credits
MAT1240	Math for Liberal Arts: GT-MA1	4

Arts and HumanitiesTotal Credits **6**

Choose two courses from the list below.

Course Number	Course Title	Credits
ART1110	Art Appreciation: GT-AH1	3
MUS1020	Music Appreciation: GT-AH1	3
THE1005	Theatre Appreciation: GT-AH1	3
LIT1015	Introduction to Literature I: GT-AH2	3
LIT2055	Children`s Literature: GT-AH2	3

HistoryTotal Credits **3**

Course Number	Course Title	Credits
HIS1210	United States History to Reconstruction: GT-HI1	3

Social and Behavioral SciencesTotal Credits **9**

Choose three courses from the list below.

Course Number	Course Title	Credits
PSY2441	Child Development: GT-SS3	3
Or		
ECE2381	ECE Child Growth & Development	3
And		
PSY1001	General Psychology I: GT-SS3	3
GEO1005	World Regional Geography: GT-SS2	3

Natural and Physical SciencesTotal Credits **8**

Course Number	Course Title	Credits
SCI1055	Integrated Science I - Physics and Chemistry with Lab: GT-SC1	4
SCI1056	Integrated Science II - Earth and Life Science with Lab: GT-SC1	4

Program RequirementsTotal Credits **21**

Course Number	Course Title	Credits
ECE1011	Introduction to Early Childhood Education	3
ECE1031	Guidance Strategies Young Children	3
ECE2621	Curriculum Methods/Techniques	3
ECE1111	Infant/Toddler Theory/Practice	3

Course Number	Course Title	Credits
ECE1125	Infant/Toddler Lab Tech	3
ECE2101	Working with Families & Communities	3
ECE1045	Introduction to ECE Techniques	3

T-Prep A.A. Middle School Math Education

TOTAL CREDITS 60

CIP: 13.1311 | BANNER:

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Written Communication

Total Credits 6

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
Or		
ENG1022	English Composition II: GT-CO2	3
And any GT-CO3 GT Pathways Course		

Oral Communication

Total Credits 3

Choose one of the following:

Course Number	Course Title	Credits
COM1150	Public Speaking	3
Or		
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits 15

Course Number	Course Title	Credits
MAT1260	Introduction to Statistics: GT-MA1	3
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5

Arts and Humanities

Total Credits 6

Course Number	Course Title	Credits
LIT1015	Introduction to Literature I: GT-AH2	3
Any GT Pathways Arts & Humanities Course from the following categories: (GT-AH1, AH2, AH3, or AH4)		

History

Total Credits 3

Course Number	Course Title	Credits
HIS1210	United States History to Reconstruction: GT-HI1	3

Social and Behavioral SciencesTotal Credits **6**

Course Number	Course Title	Credits
PSC1011	American Government: GT-SS1	3
PSY2440	Human Growth & Development: GT-SS3	3

Natural and Physical SciencesTotal Credits **8**

Course Number	Course Title	Credits
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
SCI1105	Science in Society: GT-SC2	3

Program RequirementsTotal Credits **13**

Course Number	Course Title	Credits
EDU2211	Introduction to Education	3
EDU1088	Practicum I	2
EDU2088	Practicum II	2
EDU2401	Teaching the Exceptional Learners	3
EDU2341	Multicultural Education	3

T-Prep A.A. Secondary Science EducationTOTAL CREDITS **60**

CIP: 13.1316 | BANNER:

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. By choosing a T-Prep pathway, your career opportunities will widen. In T-Prep, we prepare highly competent professionals who embrace the whole child in inclusive, culturally and linguistically diverse settings. Continuing your education can help to advance your knowledge and abilities to be an agent of social change and serve young children, youth and families more effectively. Obtaining a bachelor's degree now will prepare you to work in a variety of educational settings and prepare you to serve in leadership positions in the future. Additional schooling, spent in a caring, networked learning community, will be an asset to you. More specific information regarding the T-Prep program can be found on the NJC website at T-PREP: The Partnership for Rural Educator Preparation | Northeastern Junior College (njc.edu)

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG2021	Creative Writing I: GT-AH1	3
And		
ENG1022	English Composition II: GT-CO2	3
Or		
ENG1022	English Composition II: GT-CO2	3
And any GT Pathways (CO3) Course		

Oral CommunicationTotal Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

MathematicsTotal Credits **4**

Select one of the following courses

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT2410	Calculus I: GT-MA1	5

Arts and HumanitiesTotal Credits **6**

Course Number	Course Title	Credits
LIT1015	Introduction to Literature I: GT-AH2	3
And		
Any GT Pathways Arts & Humanities Course from the following Categories: (GT-AH1, AH2, AH3, or AH4)		

HistoryTotal Credits **3**

Course Number	Course Title	Credits
HIS1210	United States History to Reconstruction: GT-HI1	3

Social and Behavioral SciencesTotal Credits **6**

Course Number	Course Title	Credits
PSC1011	American Government: GT-SS1	3
And		
PSY2440	Human Growth & Development: GT-SS3	3
Or		
PSY2441	Child Development: GT-SS3	3

Natural and Physical SciencesTotal Credits **19**

Course Number	Course Title	Credits
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
And select one of the following below:		
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
Or		
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
Or		
BIO2104	Microbiology with Lab: GT-SC1	4

Program RequirementsTotal Credits **13**

Course Number	Course Title	Credits
EDU2211	Introduction to Education	3
EDU1088	Practicum I	2
EDU2088	Practicum II	2
EDU2401	Teaching the Exceptional Learners	3
EDU2341	Multicultural Education	3



T-Prep Elementary Education

TOTAL CREDITS **60**

CIP: 131202 | BANNER:

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. By choosing a T-Prep pathway, your career opportunities will widen. In T-Prep, we prepare highly competent professionals who embrace the whole child in inclusive, culturally and linguistically diverse settings. Continuing your education can help to advance your knowledge and abilities to be an agent of social change and serve young children, youth and families more effectively. Obtaining a bachelor's degree now will prepare you to work in a variety of educational settings and prepare you to serve in leadership positions in the future. Additional schooling, spent in a caring, networked learning community, will be an asset to you. More specific information regarding the T-Prep program can be found on the NJC website at NJC T-Prep.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits **3-4**

Below are recommended courses for this degree or choose MAT1240 or one (4 credit) GT-MA1 course.

Course Number	Course Title	Credits
MAT1220	Integrated Math I: GT-MA1	3
MAT1230	Integrated Math II: GT-MA1	3

Arts and Humanities

Total Credits **6**

Choose two courses from the list below.

Course Number	Course Title	Credits
ART1110	Art Appreciation: GT-AH1	3
MUS1020	Music Appreciation: GT-AH1	3
THE1005	Theatre Appreciation: GT-AH1	3
Also choose one of the following courses.		
LIT1015	Introduction to Literature I: GT-AH2	3
LIT2055	Children's Literature: GT-AH2	3

History

Total Credits **3**

Course Number	Course Title	Credits
HIS1210	United States History to Reconstruction: GT-HI1	3

Social and Behavioral Sciences

Total Credits **12**

Choose four courses from the list below.

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
PSC1011	American Government: GT-SS1	3
And		
PSY2441	Child Development: GT-SS3	3
ECE2381	ECE Child Growth & Development	3
GEO1005	World Regional Geography: GT-SS2	3
Or		
GEO1006	Human Geography: GT-SS2	3

Natural and Physical Sciences

Total Credits **8**

Course Number	Course Title	Credits
SCI1055	Integrated Science I - Physics and Chemistry with Lab: GT-SC1	4
SCI1056	Integrated Science II - Earth and Life Science with Lab: GT-SC1	4

Program Requirements

Total Credits **15**

Course Number	Course Title	Credits
EDU2211	Introduction to Education	3
EDU1088	Practicum I	2
EDU2611	Teaching, Learning & Technology	3
EDU2341	Multicultural Education	3
EDU2088	Practicum II	2
And		
EDU2401	Teaching the Exceptional Learners	3
Or		
ECE2601	The Exceptional Child	3

Electives

Total Credits **3**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page. If the student has taken MAT1220, then MAT1230 is the recommended elective.

Theatre Designation

TOTAL CREDITS **60**

CIP: 240101 | BANNER: THRD

The Northeastern theatre program is designed to give students a firm foundation in the basics of the theatrical craft. Whether a student plans on a career in theatre or film, or just wants to expand his or her love of the art form, the program provides the tools to move forward in this very competitive world. The work done at Northeastern enables students to transfer to four-year institutions secure in the knowledge that they are grounded in the basics of the theatre world, enabling them to compete in the theatrical world at major universities. Coursework combines theoretical work and practical on-stage experience. Northeastern theatre productions are open to all students regardless of major.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

MathematicsTotal Credits **3-4**

Take one GT-MA1 course, prefer MAT1240.

Arts and HumanitiesTotal Credits **21**

Course Number	Course Title	Credits
THE1005	Theatre Appreciation: GT-AH1	3
THE2011	Development of Theatre Greek Renaissance: GT-AH1	3
THE1008	Theater Script Analysis: GT-AH1	3
THE1011	Acting I	3
THE1016	Technical Theatre	3
THE2012	Development of Theatre Restoration to Modern: GT-AH1	3
THE2015	Playwriting: GT-AH1	3

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **6**

Take two GT courses from the SS1, SS2 or SS3 categories.

Natural and Physical SciencesTotal Credits **7**

Take two GT courses from the SC1 or SC2 category. (one must be a SC1 course with a lab)

Program RequirementsTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
THE1031	Theatre Production I	3
THE1032	Theatre Production II	3
THE2031	Theatre Production III	3
THE2032	Theatre Production IV	3

ElectivesTotal Credits **10-11**

Consult with a Northeastern Advisor and select the credits based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Statewide Articulation Agreements - Associate of Science (A.S.)

The number of statewide articulation agreements continues to increase. These agreements between two and four-year institutions ensure the student will take appropriate and required courses and provide for a smooth transfer to the four-year level. Students must complete all the courses with a "C" or better and no course substitutions allowed. If course work is over 10 years old it is up to the college if they want to apply it to the degree, but there is no guarantee course work that old will transfer. That would be up to the receiving institution.

Graduation Requirements and Policies (A.S.)

1. Complete a minimum of 60 semester credits of approved coursework as outlined in the college catalog. Thirty-nine semester credits comprise the general education requirement depending on which mathematics course is completed. The degree requires an additional 21 credits selected from the list of approved electives. Students should select their elective courses in consultation with their academic advisor based on the student's declared program of study and educational goal.
2. Earn a minimum cumulative grade point average of 2.0 (a "C" average).
3. Earn 15 semester credits of coursework prior to graduation through Northeastern.
4. File an [Application for Graduation](#).
5. Resolve all financial obligations to the college and return all library and college materials.

All students earning an Associate of Science degree must complete 39 semester credits of the following general education requirements:

General Education Requirements	
Written Communication	6 total credits
ENG1021 English Composition I (GT-CO1) and ENG1022 English Composition II (GT-CO2) or	3+3 or
ENG1022 English Composition II (GT-CO2) and one Advanced Writing Course (GT-CO3)	3+3
Oral Communication	3 total credits
COM1150 Public Speaking or COM1250 Interpersonal Communication or COM2300 Intercultural Communication	3
Mathematics	3 minimum total credits
MAT1340 College Algebra or	4
MAT1420 College Trigonometry or	3
MAT1440 Pre-Calculus or	5
MAT2410 Calculus I or	5
GT-MA1 or higher Math course	
Arts & Humanities	6 total credits
Two guaranteed transfer Arts & Humanities courses from two different categories (AH1, AH2, AH3, AH4)	6
Social & Behavioral Sciences	6 total credits
Two guaranteed transfer Social & Behavioral Sciences courses (SS1, SS2, SS3, HI1)	6
History	3 total credits
One guaranteed transfer History course (HI1)	3
Physical & Life Sciences	12 minimum total credits
One 2-lab course sequence in any guaranteed transfer science discipline (GT-SC1) and additional guaranteed transfer lab science course. (GT-SC1)	12
Electives	21 total credits
21 credits selected from the list of approved A.A.- A.S. Electives	21

Elective Credits

Elective credits for Associate of Arts and Associate of Science degrees should be chosen in conjunction with the student's major and in consultation with their advisor. Transferability of these courses is dependent upon the transfer agreement developed with each four-year college or university. It is in the student's best interest to see an advisor before selecting electives.

Associate of Science-General

TOTAL CREDITS 60

CIP: 240199 | BANNER: AS

The Associate of Science (A.S.) degree is awarded to a student who successfully completes a program designed to transfer to a four-year college or university to earn a baccalaureate degree. The student who is pursuing a particular major at a four-year institution may wish to select a particular area of emphasis described in this catalog. Students pursuing a program of study that has a Statewide Articulation Agreement must meet those requirements.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits **3-4**

Choose one of the following courses.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1420	College Trigonometry: GT-MA1	3
MAT1440	Pre-Calculus: GT-MA1	5
Or you can take MAT2410 or higher GT-MA1 course. All credits over 3 apply to electives.		

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one *additional* [HI1](#) course.

Natural and Physical Sciences

Total Credits **12**

One 2-lab course sequence in any guaranteed transfer science discipline [GT-SC1](#) and additional guaranteed transfer lab science course(s). All credits over 12 apply to electives.



Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page. ***Please Note:** Elective credits for Associate of Arts and Associate of Science degrees should be chosen in conjunction with the student's major and in consultation with his/her advisor. Transferability of these courses is dependent upon the transfer agreement developed with each four-year college or university. It is in the student's best interest to see an advisor before selecting electives.

Agriculture Business

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AGBU

Agriculture Business contains coursework that prepares students to work in management, marketing, production, finance, distribution, consulting, and a wide variety of other related careers within the agriculture industry. This degree is designed for students wanting to transfer to a Bachelor's degree program at a four-year University.

This degree is one of the Colorado State-Wide Articulation Agreements (STAA) - or Degrees with Designation (DWD) and it affords transfer protections to students through state statute to Colorado State University. See an Academic Advisor in the Agriculture department for more details.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1022	English Composition II: GT-CO2	3

OR you can take ENG1022 and a GT-CO3 course.

Mathematics

Total Credits **4**

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4

Or

MAT1400	Survey of Calculus: GT-MA1	4
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or Higher Calculus course.

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

Natural and Physical Sciences

Total Credits **10**

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5

and

CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
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or

CHE1111	General College Chemistry I with Lab: GT-SC1	5
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Program RequirementsTotal Credits **12**

Course Number	Course Title	Credits
COM1150	Public Speaking	3
CIS1018	Introduction to PC Applications	3
Ag emphasis preferred for CIS1018.		
ECO2001	Principles of Macroeconomics: GT-SS1	3
MAT1260	Introduction to Statistics: GT-MA1	3

Program RequirementsTotal Credits **13**

Select a minimum of 13 credits from the list below. Choose at least two AGE prefix courses.

Course Number	Course Title	Credits
ACC1021	Accounting Principles I	4
AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4
ASC1100	Animal Sciences	3
ASC2125	Feeds and Feeding	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2150	Live Animal/Carcass Evaluation	3
ASC2188	Livestock Practicum	2
MAT1400	Survey of Calculus: GT-MA1	4
RAM2005	Range Management	3

Agriculture Education DesignationTOTAL CREDITS **63**

CIP: 240199 | BANNER: AGRD

Agricultural Education is a great career path for those that would like to combine their interest in agriculture and their desire to teach and help others. It is the primary path for those wishing to teach Agriculture Education at the high school or postsecondary level. The skills developed in this degree pathway are highly sought after in the agriculture and natural resource industries and can lead to many other career options including Agriculture and/or 4H Extension Agent, Agriculture Sales and Service Professional, Production Agriculture Manager, Agriculture Consultant, Agriculture Lending Officer, Agronomist, Game Warden, Natural Resource Manager, Soil or Rangeland Conservationist, Agriculture Literacy or Advocacy Specialist, Agriculture Leadership or Communications Professional, Breed Association Representative, Agriculture Mechanics Specialist, and many other industry positions involving the use of agriculture, technical, and interpersonal (people) skills.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

MathematicsTotal Credits **3**

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4

Arts and HumanitiesTotal Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories.

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **6**

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
And		
AGR2160	World Interdependence /Population/Food: GT-SS3	3

Natural and Physical SciencesTotal Credits **10**

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
Or		
BIO2121	Botany with Lab: GT-SC1	5
And		
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
Or		
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Program RequirementsTotal Credits **13**

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4
AME1005	Basic Ag Mechanic Skills	2

Program RequirementsTotal Credits **6-7**

Choose two of the following courses.

Course Number	Course Title	Credits
ASC2150	Live Animal/Carcass Evaluation	3
EDU2211	Introduction to Education	3
HWE1050	Human Nutrition	3
HLT1000	Horticulture Science	4

Program RequirementsTotal Credits **9**

Choose a minimum of 9 credits from the following list.

Course Number	Course Title	Credits
AGE2105	Farm and Ranch Management	3
ASC2125	Feeds and Feeding	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2188	Livestock Practicum	2

Course Number	Course Title	Credits
AME1007	General Power Mechanics	2
AME1018	Farm Carpentry	3
AME1025	Agricultural Machinery	3
AME1051	Fundamentals of Welding	3
RAM2005	Range Management	3

Animal Science

TOTAL CREDITS **60**

CIP: 240199 | BANNER: ANSC

The livestock sector needs well educated and trained individuals to manage production as well as processing operations. More specialized careers exist in animal care, breeding, nutrition, marketing, promotions, as well as research. A degree in Animal Science prepares students to transfer to Colorado State University.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits **3-4**

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
Or		
MAT1400	Survey of Calculus: GT-MA1	4
or Higher Calculus course.		

Arts and Humanities

Total Credits **6**

Take two GT courses from two different areas: AH1, AH2, AH3 or AH4 categories.

History

Total Credits **3**

Take one GT course from the HI1 category.

Natural and Physical Sciences

Total Credits **10**

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
And		
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
Or		
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Program RequirementsTotal Credits **15**

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
ASC2125	Feeds and Feeding	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2150	Live Animal/Carcass Evaluation	3
ASC2188	Livestock Practicum	2

Program RequirementsTotal Credits **7**

Select a minimum of 7 credits from the list below.

Course Number	Course Title	Credits
ACC1021	Accounting Principles I	4
AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3
CIS1018	Introduction to PC Applications	3
Ag emphasis preferred for CIS1018.		
ECO2001	Principles of Macroeconomics: GT-SS1	3
RAM2005	Range Management	3
CHE1112	General College Chemistry II with Lab: GT-SC1	5
CHE2105	Introduction to Organic Chemistry with Lab	5
Or		
CHE2111	Organic Chemistry I with Lab	5

Astronomy EmphasisTOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT2410	Calculus I: GT-MA1	5

Course Number	Course Title	Credits
MAT2420	Calculus II: GT-MA1	5
MAT2430	Calculus III: GT-MA1	4

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 .

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one *additional* HI1 course.

Natural and Physical Sciences

Total Credits **12**

Below is the recommended course for this emphasis. Take a sequence of two GT courses from the SC1 category, plus one more SC1 course. All credits over 12 apply to electives.

Course Number	Course Title	Credits
AST1110	Astronomy with Lab: Planetary Systems: GT-SC1	4
AST1120	Astronomy with Lab: Stars and Galaxies: GT-SC1	4
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5

Electives

Total Credits **18**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
MAT2561	Differential Equations: MA1	4
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Biology Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: BIOD

Northeastern offers a comprehensive life and health sciences program. It will meet most of the entrance requirements for many of the allied health professions such as physical therapy, pharmacy, chiropractic, Pre-Dentistry, Pre-Medicine, and Pre-Veterinary medicine. In addition, this program is advantageous for students interested in wildlife management, forestry, or teacher licensure programs with an emphasis in biological sciences. Students will have a broad preparation and will gain the skills needed to enter some professional programs, industry, or other professions including biotechnology, Agribusiness, food industries, cosmetics, and sales. Students entering this program should have a strong science and mathematics background in high school.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **4**

Take one GT-MA1 course equal to or above MAT1340.

Arts and HumanitiesTotal Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories.

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **6**

Take two GT courses from SS1, SS2, SS3 categories.

Natural and Physical SciencesTotal Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5

ElectivesTotal Credits **21**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Chemical EngineeringTOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5
MAT2430	Calculus III: GT-MA1	4

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).

History

Total Credits **3**

Take one GT course from the [HII](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HII](#) course.

Course Number	Course Title	Credits
AGR2160	World Interdependence /Population/Food: GT-SS3	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Natural and Physical Sciences

Total Credits **12**

Below is the recommended course for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Chemistry Designation

TOTAL CREDITS **60**

CIP: 240199 | BANNER: CHED

The chemistry program at Northeastern is intended to give students the background necessary to succeed as a chemistry major at most four-year colleges. The curriculum includes courses in chemistry, mathematics, and physics.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

MathematicsTotal Credits **14**

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5
MAT2430	Calculus III: GT-MA1	4

Arts and HumanitiesTotal Credits **3**

Take one GT course from AH1, AH2, AH3 or AH4 categories.

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **3**

Take one GT course from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Natural and Physical SciencesTotal Credits **30**

All credits over 12 apply to electives.

Course Number	Course Title	Credits
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5

ElectivesTotal Credits **1**

Consult with a Northeastern Advisor and select the credit needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

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

1. Completion of the receiving institution's lower division general education requirements is fulfilled only under the condition that one GTPathways-approved course in arts and humanities (AH1, AH2, AH3, or AH4) and one GTPathways-approved course in social and behavioral sciences (SS1, SS2, or SS3) are successfully completed at the receiving institution within the first 30 hours or 12 calendar months.
2. Students transferring to a 4-year college/university under this Chemistry agreement are encouraged to 'reverse' transfer the one GTPathways course in arts and humanities and the one GT Pathways course in social and behavioral sciences back to their community college in order to complete the GT Pathways general education program and to earn their Associate of Science degree with a Chemistry designation.
3. Lecture and laboratory portions of Organic Chemistry, CHE2111 and CHE2112, must not be taken in an online delivery format.



Chiropractic Tract

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3-4**

Take one GT-MA1 course equal to or above [MAT1340](#).

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Natural and Physical Sciences

Total Credits **12**

Take a sequence of two GT courses from the [SC1](#) category, plus one additional [SC1](#) course. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5

Electives

Total Credits **10**

Course Number	Course Title	Credits
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5

Dental Hygiene Tract Emphasis

TOTAL CREDITS 60

CIP: 240199 | BANNER: AS

Written Communication

Total Credits 6

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits 3

Choose one of the following courses. COM1150 is preferred.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits 3

Choose one of the following courses. All credits over 12 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3

***Please Note:** Talk to your Advisor about specific transfer requirements for the University where you intend to transfer.

Arts and Humanities

Total Credits 6

Below is the recommended course for this emphasis.

Course Number	Course Title	Credits
PHI1012	Ethics: GT-AH3	3
Take two GT courses from AH1, AH2, AH3 or AH4.		

History

Total Credits 3

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits 6

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
SOC1001	Introduction to Sociology I: GT-SS3	3

Natural and Physical Sciences

Total Credits 12

Take a sequence of two GT courses from SC1 category, plus one additional SC1 course. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2104	Microbiology with Lab: GT-SC1	4
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5

ElectivesTotal Credits **21**

Consult with a Northeastern Advisor and select the credit needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

*OT110 through CSU Online is recommended

Dentistry Tract EmphasisTOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **3**

Take one GT-MA1 course equal to or above MAT1340.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5
MAT2430	Calculus III: GT-MA1	4

Arts and HumanitiesTotal Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).

Course Number	Course Title	Credits
PHI1012	Ethics: GT-AH3	3

HistoryTotal Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral SciencesTotal Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Natural and Physical SciencesTotal Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5

Course Number	Course Title	Credits
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2104	Microbiology with Lab: GT-SC1	4

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Electives

Total Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page.

Electrical Engineering

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5
MAT2430	Calculus III: GT-MA1	4

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

History

Total Credits **3**

Take one GT course from the HI1 category.



Social and Behavioral Sciences

Total Credits **6**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
AGR2160	World Interdependence /Population/Food: GT-SS3	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5

Take a sequence of two GT courses from the SC1 category, plus one additional SC1 course.

*Please consult with your advisor about the required additional course needed.

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Engineering

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Each four-year institution has different transfer requirements. Students who complete the engineering articulation agreement will have appropriate coursework to transfer on and work on their bachelor's degree. Students should research carefully the institutions they would consider transferring to and the specific requirements for the engineering field they wish to enter.

Below is a sample course list that does not satisfy graduation requirements at the engineering schools. Please consult with an advisor for optimal class selection.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **3**

All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5
MAT2430	Calculus III: GT-MA1	4

Arts and HumanitiesTotal Credits **6**Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.**History**Total Credits **3**Take one GT course from the [H11](#) category.**Social and Behavioral Sciences**Total Credits **6**Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [H11](#) course.**Natural and Physical Sciences**Total Credits **12**

All credits over 12 apply to electives.

Course Number	Course Title	Credits
CHE1111	General College Chemistry I with Lab: GT-SC1	5
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5

ElectivesTotal Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Environmental Science EmphasisTOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

*COM 1150 is preferred.

Mathematics

Total Credits **3**

Take one GT-MA1 course equal to or above MAT1340. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT2410	Calculus I: GT-MA1	5
MAT1260	Introduction to Statistics: GT-MA1	3

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

Course Number	Course Title	Credits
PHI2018	Environmental Ethics: GT-AH3	3

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and *one additional HI1* course.

Course Number	Course Title	Credits
ECO2002	Principles of Microeconomics: GT-SS1	3
AGY2140	Introduction Soil Science: GT-SC1	4

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
ENV1111	Environmental Science with Lab: GT-SC1	4
GEY1111	Physical Geology with Lab: GT-SC1	4

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page.



Equine Science Designation

TOTAL CREDITS **60**

CIP: 240199 | BANNER: DEQS

The equine science program at Northeastern Junior College offers a seamless opportunity for students to transfer to a four-year institution's equine program. This program consists of general education, agriculture, and equine science courses. The equine industry continues to see significant growth in Colorado and throughout the western United States with many job opportunities for graduates.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

MathematicsTotal Credits **7**

Course Number	Course Title	Credits
MAT1260	Introduction to Statistics: GT-MA1	3
And		
MAT1340	College Algebra: GT-MA1	4
Or		
MAT1400	Survey of Calculus: GT-MA1	4
OR Higher Calculus course.		

Arts and HumanitiesTotal Credits **6**Take two GT courses from AH1, AH2, AH3 or AH4 categories.**History**Total Credits **3**Take one GT course from the H11 category.**Social and Behavioral Sciences**Total Credits **6**

Course Number	Course Title	Credits
AGR2160	World Interdependence /Population/Food: GT-SS3	3
And		
AGE1102	Agriculture Economics: GT-SS1	3
Or		
ECO2002	Principles of Microeconomics: GT-SS1	3

Natural and Physical SciencesTotal Credits **10**

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
And		
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
Or		
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Program RequirementsTotal Credits **7**

Course Number	Course Title	Credits
ASC1102	Introduction to Equine Science	4
ASC2130	Farm Animal Anatomy & Physiology	3

Program RequirementsTotal Credits **2-3**

Select at least one of the following courses:

Course Number	Course Title	Credits
ASC2150	Live Animal/Carcass Evaluation	3
Or		
ASC2188	Livestock Practicum	2

Program RequirementsTotal Credits **6**

Choose two of the following courses.

Course Number	Course Title	Credits
ACC1021	Accounting Principles I	4
AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3
CIS1018	Introduction to PC Applications	3
ECO2001	Principles of Macroeconomics: GT-SS1	3

ElectivesTotal Credits **3-4**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Forestry EmphasisTOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses. COM1150 is preferred.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **3**

All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1400	Survey of Calculus: GT-MA1	4

Arts and HumanitiesTotal Credits **6**Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).**History**Total Credits **3**Take one GT course from the [H11](#) category.

Social and Behavioral Sciences

Total Credits **6**

Below is the recommended course for this emphasis.

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one *additional* HI1 course.

Course Number	Course Title	Credits
ECO2002	Principles of Microeconomics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives. Take a sequence of two GT courses from the SC1 category, plus one additional SC1 course.

Course Number	Course Title	Credits
AGY2140	Introduction Soil Science: GT-SC1	4
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
BIO2121	Botany with Lab: GT-SC1	5

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

***Please Note:** Talk to your Advisor about specific transfer requirements for the University where you intend to transfer.

Geology

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

The geology program at Northeastern is intended to give geology students the background necessary to succeed as geology majors at a four-year institution. The curriculum includes geology, chemistry, physics, and mathematics courses generally required for a Bachelor of Science degree in geology at a four-year institution.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5
MAT1340	College Algebra: GT-MA1	4

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one *additional* [HI1](#) course.

Natural and Physical Sciences

Total Credits **12**

Take a sequence of two GT courses from the [SC1](#) category, plus one additional [SC1](#) course. All credits over 12 apply to electives.

Course Number	Course Title	Credits
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
GEY1111	Physical Geology with Lab: GT-SC1	4
GEY1112	Historical Geology with Lab: GT-SC1	4
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the credit needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Horticulture Business Management

TOTAL CREDITS **60**

CIP: 240199 | BANNER: HBMD

Horticulture management programs prepare students for careers in nurseries, greenhouses, and florist shops, often as assistant managers or managers. The training includes classes in plant care, marketing and business management, and irrigation. Students typically want to go into the business of designing and developing new horticulture technologies and/or breeding new plant species. These career paths often include course work in plant physiology, plant genetics, soils, and plant nutrition.

***Please Note:** At the current time Northeastern does not offer any of the HLT or FLD courses needed for electives for this degree. We do offer all of the general education and other required courses.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

MathematicsTotal Credits **4**

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4

Arts and HumanitiesTotal Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

HistoryTotal Credits **3**

Take any GT - HI-1 category course.

Social and Behavioral SciencesTotal Credits **6**

Course Number	Course Title	Credits
ECO2001	Principles of Macroeconomics: GT-SS1	3
And		
ECO2002	Principles of Microeconomics: GT-SS1	3
Or		
AGE1102	Agriculture Economics: GT-SS1	3

Natural and Physical SciencesTotal Credits **10**

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
Or		
BIO2121	Botany with Lab: GT-SC1	5
And		
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
Or		
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Program RequirementsTotal Credits **18**

Course Number	Course Title	Credits
CIS1018	Introduction to PC Applications	3
BUS2026	Business Statistics	3
Or		
MAT1260	Introduction to Statistics: GT-MA1	3
AGY2140	Introduction Soil Science: GT-SC1	4
HLT2160	Plant Propagation	4
AGY1100	General Crop Production	4

Notes on Program Requirements:

- [HLT2140](#) (Typically not offered at NJC) or [AGY2140](#).
- [HLT1101](#) (Typically not offered at NJC) or [HLT1000](#) (Typically not offered at NJC) or [AGY1100](#).
- [HLT2160](#) (Check for availability at NJC)

ElectivesTotal Credits **7**

Choose additional HLT or FLD courses except for [HLT2008](#); [FLD1000](#) & [FLD2089](#)

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Mathematics Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: MATH

Students are able to complete mathematics courses supplemented with studies in natural science and/or computer sciences. At Northeastern coursework can provide mathematics students with a strong foundation in mathematics, physics, chemistry, computer science, composition, speech, humanities, and social sciences, enabling them to be successful in their mathematics major at their transfer institution.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM2300	Intercultural Communication: GT-SS3	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3**

Below are the recommended courses for this emphasis or you can also take [MAT2430](#) or [MAT2431](#) (Not offered at NJC). All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5
MAT2430	Calculus III: GT-MA1	4

Arts and Humanities

Total Credits **9**

Take three GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Medical Technician Tract Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Below are the recommended courses for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT2410	Calculus I: GT-MA1	5

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives. Take a sequence of two GT courses from the [SC1](#) category, plus one more [SC1](#) course.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2108	General College Microbiology with Lab: GT-SC1	5

Electives

Total Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2108	General College Microbiology with Lab: GT-SC1	5

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Medical Tract Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Take one [GT-MA1](#) course equal to or above [MAT1340](#).

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT1440	Pre-Calculus: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2108	General College Microbiology with Lab: GT-SC1	5

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Microbiology Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

OR you can take ENG1022 and a GT-CO3 course.

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5

Take one GT-MA1 course equal to or above MAT1340.

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

HistoryTotal Credits **3**Take one GT course from the [HI1 category](#).**Social and Behavioral Sciences**Total Credits **6**Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.**Natural and Physical Sciences**Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5

Take a sequence of two GT courses from the [SC1](#) category, plus one more [SC1](#) course.

ElectivesTotal Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
BIO2108	General College Microbiology with Lab: GT-SC1	5
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.**Mortuary Tract**TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

OR you can take ENG1022 and a GT-CO3 course.

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **3**Take one [GT-MA1](#) course equal to or above [MAT1340](#). All credits over 3 apply to electives.**Arts and Humanities**Total Credits **6**Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).**History**Total Credits **3**Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Below is the recommended course for this emphasis.

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

*Please consult with your advisor about the required additional course needed.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. Please consult with your advisor about the required additional course needed.

Course Number	Course Title	Credits
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Electives

Total Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
ACC1021	Accounting Principles I	4
CIS1018	Introduction to PC Applications	3

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Natural Resources Management

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

*COM 1150 is preferred.

Mathematics

Total Credits **3**

All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1420	College Trigonometry: GT-MA1	3

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

HistoryTotal Credits **3**Take one GT course from the HI1 category.**Social and Behavioral Sciences**Total Credits **6**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
ECO2002	Principles of Microeconomics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.**Natural and Physical Sciences**Total Credits **12**

Course Number	Course Title	Credits
AGY2140	Introduction Soil Science: GT-SC1	4
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
GEY1111	Physical Geology with Lab: GT-SC1	4

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course. All credits over 12 apply to electives.**Electives**Total Credits **21**Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.Electives page.**Nursing Tract Emphasis (CU-Anschutz)**TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

OR you can take ENG1022 and a GT-CO3 course.

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **4**

Below is the recommended course for this emphasis.

Take one GT-MA1 course equal to or above MAT1340.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4

Arts and Humanities

Total Credits **6**

Below are the recommended courses for this emphasis.

Take two GT courses from AH1, AH2, AH3 or AH4.

Course Number	Course Title	Credits
PHI1011	Introduction to Philosophy: GT-AH3	3
PHI1012	Ethics: GT-AH3	3

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Below are the recommended courses for this emphasis.

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Course Number	Course Title	Credits
ANT1001	Cultural Anthropology: GT-SS3	3
ECO2002	Principles of Microeconomics: GT-SS1	3
PSY1001	General Psychology I: GT-SS3	3
SOC1001	Introduction to Sociology I: GT-SS3	3

Natural and Physical Sciences

Total Credits **12**

Below is the recommended course for this emphasis. All credits over 12 apply to electives.

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5

Electives

Total Credits **20**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2104	Microbiology with Lab: GT-SC1	4
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Consult with a Northeastern Advisor to select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

***Please Note:** [CHE1111](#) is required if the student did not take chemistry in high school.

Nursing Tract Emphasis (UNC)

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **3**

Below is the recommended course for this emphasis.

Take one GT-MA1 course equal to or above MAT1340.

Course Number	Course Title	Credits
MAT1260	Introduction to Statistics: GT-MA1	3

Arts and HumanitiesTotal Credits **6**

Below is the recommended course for this emphasis.

Take two GT courses from AH1, AH2, AH3 or AH4.

Course Number	Course Title	Credits
PHI1012	Ethics: GT-AH3	3

HistoryTotal Credits **3**Take one GT course from the HI1 category.**Social and Behavioral Sciences**Total Credits **6**

Below are the recommended courses for this emphasis.

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Course Number	Course Title	Credits
ANT1001	Cultural Anthropology: GT-SS3	3
ECO2002	Principles of Microeconomics: GT-SS1	3
PSY1001	General Psychology I: GT-SS3	3
SOC1001	Introduction to Sociology I: GT-SS3	3

Natural and Physical SciencesTotal Credits **12**

Below is the recommended course for this emphasis. All credits over 12 apply to electives.

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5

ElectivesTotal Credits **21**

Course Number	Course Title	Credits
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2104	Microbiology with Lab: GT-SC1	4
PSY2440	Human Growth & Development: GT-SS3	3

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.Electives page.

Nutrition and Food Science - Dietetics

TOTAL CREDITS 60

CIP: 240199 | BANNER: AS

Written Communication

Total Credits 6

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits 3

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits 3

Below are the recommended courses for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3

Arts and Humanities

Total Credits 6

Take two GT courses from AH1, AH2, AH3 or AH4.

History

Total Credits 3

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits 6

Below are the recommended course for this emphasis. Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
SOC1001	Introduction to Sociology I: GT-SS3	3

Natural and Physical Sciences

Total Credits 12

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2104	Microbiology with Lab: GT-SC1	4
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
CHE2105	Introduction to Organic Chemistry with Lab	5



Electives

Total Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
CIS1018	Introduction to PC Applications	3
HWE1050	Human Nutrition	3

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Occupational Therapy Tract Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1260	Introduction to Statistics: GT-MA1	3

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Below are the recommended courses for this emphasis.

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Course Number	Course Title	Credits
PSY2440	Human Growth & Development: GT-SS3	3
PSY2552	Abnormal Psychology: GT-SS3	3



Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.
Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4

***Please Note:** Can NOT take an online science course. May take hybrid if lab is a hands on lab.

Electives

Total Credits **21**

Talk to your Advisor about specific transfer requirements for the University where you intend to transfer.

OT110-CSU Online

PSY2661 or PSY2662 are highly recommended.

Pharmacy Tract Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Take one GT-MA1 course equal to or above MAT1340.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Below is the recommended course for this emphasis.

Course Number	Course Title	Credits
ECO1001	Economics of Social Issues: GT-SS1	3
PSY1001	General Psychology I: GT-SS3	3

Choose one additional GT course from SS1, SS2, SS3 or HI1 categories.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis.

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2108	General College Microbiology with Lab: GT-SC1	5
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page.

Physical Therapy Tract Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Course Number	Course Title	Credits
MAT1260	Introduction to Statistics: GT-MA1	3

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Below are the recommended courses for this emphasis.

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Course Number	Course Title	Credits
PSY2440	Human Growth & Development: GT-SS3	3
PSY2552	Abnormal Psychology: GT-SS3	3

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. Any credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5

***Please Note:** Can NOT take an online science course. May take hybrid if lab is a hands on lab.

Electives

Total Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
MAT1420	College Trigonometry: GT-MA1	3
MAT2410	Calculus I: GT-MA1	5

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

Physician's Assistant Tract

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
<u>BIO1111</u>	General College Biology I with Lab: GT-SC1	5
<u>BIO1112</u>	General College Biology II with Lab: GT-SC1	5
<u>CHE1111</u>	General College Chemistry I with Lab: GT-SC1	5
<u>CHE1112</u>	General College Chemistry II with Lab: GT-SC1	5
<u>PHY1111</u>	Physics Algebra Based I with Lab: GT-SC1	5
<u>PHY1112</u>	Physics Algebra Based II with Lab: GT-SC1	5

Electives

Total Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
<u>BIO2101</u>	Human Anatomy & Physiology I with Lab: GT-SC1	4
<u>BIO2102</u>	Human Anatomy & Physiology II with Lab: GT-SC1	4
<u>BIO2108</u>	General College Microbiology with Lab: GT-SC1	5
<u>CHE2111</u>	Organic Chemistry I with Lab	5
<u>CHE2112</u>	Organic Chemistry II with Lab	5
<u>MAT1440</u>	Pre-Calculus: GT-MA1	5
<u>MAT2420</u>	Calculus II: GT-MA1	5

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Physics

TOTAL CREDITS **60**

CIP: 240199 | BANNER: PHYD

Students are able to complete the first two years of their physics or engineering program Northeastern. Classes provide engineering students a strong foundation in mathematics, physics, chemistry, and computer science, enabling them to be successful in their engineering major at their transfer institution.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
<u>ENG1021</u>	English Composition I:GT-CO1	3
And		
<u>ENG1022</u>	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5
MAT2420	Calculus II: GT-MA1	5
MAT2430	Calculus III: GT-MA1	4

***Please Note:** You can also take MAT2430 or MAT2431 (Not offered at NJC). All credits over 3 apply to electives.

Arts and Humanities

Total Credits **9**

Take three GT courses from AH1, AH2, AH3 or AH4 categories.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Natural and Physical Sciences

Total Credits **12**

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course. All credits over 12 apply to electives.

Course Number	Course Title	Credits
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5

***Please Note:** MAT2440 is also required (Not offered at NJC). You must also take CSC1060 (Not offered at NJC).

Electives

Total Credits **18**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page.



Psychology

TOTAL CREDITS **60**

CIP: 240199 | BANNER: PSYS

The Psychology program offers students the opportunity to take a very comprehensive selection of courses. This program would prepare transfer students to pursue bachelor's degree in psychology, human services, counseling, social work, and other areas in the behavioral sciences. Students are encouraged to have a strong mathematics and statistics background and to take courses in the natural sciences (e.g. biology and chemistry) as well.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

MathematicsTotal Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4

Arts and HumanitiesTotal Credits **9**Choose one of the required courses for this emphasis, in addition take two GT courses from two different categories, AH1, AH2, AH3 or AH4.

Course Number	Course Title	Credits
PHI1011	Introduction to Philosophy: GT-AH3	3
Or		
PHI1012	Ethics: GT-AH3	3

HistoryTotal Credits **3**Take one GT course from the HI1 category.**Social and Behavioral Sciences**Total Credits **6**Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.**Natural and Physical Sciences**Total Credits **10**

Below are the recommended courses for this emphasis. All credits over 10 apply to electives.

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Program RequirementsTotal Credits **6**

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
PSY1002	General Psychology II: GT-SS3	3

ElectivesTotal Credits **14**Consult with a Northeastern Advisor and select the credits based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Radiology Technician Tract Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Below is the recommended course for this emphasis.

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Course Number	Course Title	Credits
SOC1001	Introduction to Sociology I: GT-SS3	3
PSY1001	General Psychology I: GT-SS3	3

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
PHY1105	Conceptual Physics with Lab: GT-SC1	4
Or		
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5

Electives

Total Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Course Number	Course Title	Credits
HPR1011	CPR Professionals	0.5
BIO1016	Introduction to Human Disease: GT-SC2	3
PSY2440	Human Growth & Development: GT-SS3	3
CIS1018	Introduction to PC Applications	3

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.



Respiratory Therapy Tract

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1140	Career Math: Program Emphasis	3

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Course Number	Course Title	Credits
ECO2002	Principles of Microeconomics: GT-SS1	3
PSY1001	General Psychology I: GT-SS3	3
SOC1001	Introduction to Sociology I: GT-SS3	3
PSY2440	Human Growth & Development: GT-SS3	3

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2104	Microbiology with Lab: GT-SC1	4
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
BIO1016	Introduction to Human Disease: GT-SC2	3

Electives

Total Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
CIS1018	Introduction to PC Applications	3
HWE1050	Human Nutrition	3
HPR1011	CPR Professionals	0.5

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

***Please Note:** HPR 1040 also recommended

Soil and Crop Science

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

As stewards of the land, farmers and ranchers know the value of proper land management. A degree in Soil & Crop Sciences prepares students for careers in private and commercial food crop operations as well as feed and range systems. Students transferring to Colorado State University, the state's land-grant institution, will be well prepared upon completing this *Degree with Designation*. Articulation Agreement transfers into Soils & Crop Sciences - Production Emphasis. For other emphasis areas see advisor for specific requirements.

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Mathematics

Total Credits **4**

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
Or		
MAT1400	Survey of Calculus: GT-MA1	4
or Higher Calculus course.		

Arts and Humanities

Total Credits **6**

Below is the recommended course for this emphasis.

Take one additional GT course from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

Course Number	Course Title	Credits
PHI1013	Logic: GT-AH3	3

HistoryTotal Credits **3**Take one GT course from the HI1 category.**Social and Behavioral Sciences**Total Credits **6**

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

Natural and Physical SciencesTotal Credits **10**

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
Or		
BIO2121	Botany with Lab: GT-SC1	5
And		
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
Or		
CHE1111	General College Chemistry I with Lab: GT-SC1	5

Program RequirementsTotal Credits **11**

Course Number	Course Title	Credits
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4
COM1150	Public Speaking	3

Program RequirementsTotal Credits **14**

Select a minimum of 14 credits from the list below.

Course Number	Course Title	Credits
ACC1021	Accounting Principles I	4
AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3
ASC1100	Animal Sciences	3
ASC2125	Feeds and Feeding	4
CIS1018	Introduction to PC Applications	3
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
ECO2001	Principles of Macroeconomics: GT-SS1	3
GEY1111	Physical Geology with Lab: GT-SC1	4
HWE1050	Human Nutrition	3
MAT1260	Introduction to Statistics: GT-MA1	3
PHY1105	Conceptual Physics with Lab: GT-SC1	4
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
RAM2005	Range Management	3

Speech Pathology - Audiology

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4

*Please Note: [MAT1260](#) may substitute for [MAT1340](#).

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3

Natural and Physical Sciences

Total Credits **12**

Below is the recommended course for this emphasis. Take a sequence of two GT courses from the [SC1](#) category, plus one more [SC1](#) course.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4

Choose one Course with CHE or PHY prefix.

Electives

Total Credits **21**

Choose one course with CHE or PHY Prefix and one course with PSY or SOC Prefix.

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S.](#)

[Electives](#) page.



Sports Medicine-Athletic Training

TOTAL CREDITS 60

CIP: 240199 | BANNER: AS

Northeastern's Sports Medicine-Athletic Training degree provides students with a foundation in the physical, performance, prevention, and rehabilitation sciences. Students gain knowledge in the assessment and treatment of athletic injuries and have an opportunity to apply these skills to Northeastern's athletic teams.

This program is designed to successfully prepare and transfer students to a four-year university program in wellness or health-related disciplines that include employment opportunities in allied health care, fitness, coaching, athletics and recreation.

Written Communication

Total Credits 6

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits 3

Take one GT-MA1 course equal to or above MAT1340. All credits over 3 apply to electives.

Arts and Humanities

Total Credits 6

Take two GT courses from AH1, AH2, AH3 or AH4.

History

Total Credits 3

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits 6

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
PSY1002	General Psychology II : GT-SS3	3
PSY2333	Health Psychology: GT-SS3	3

Natural and Physical Sciences

Total Credits 12

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4

ElectivesTotal Credits **21**

Below are the recommended courses for this emphasis.

Course Number	Course Title	Credits
HPE1002	Introduction to Sports Medicine	2
HPE1088	Athletic Training Practicum I	1 to 3
HPE2031	Care/Prevent Athletic Injuries	3
HPR1011	CPR Professionals	0.5
HPR2017	Kinesiology	4
HWE2060	Exercise, Nutrition & Body Comp	3
HPR1039	Medical Terminology	2
HWE1061	Fitness and Wellness	2

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S.](#)

[Electives](#) page.

Surgery Technician Tract EmphasisTOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

MathematicsTotal Credits **3**

Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4

Arts and HumanitiesTotal Credits **6**Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).**History**Total Credits **3**Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **12**

Below are the recommended course for this emphasis.

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
PSY2440	Human Growth & Development: GT-SS3	3
SOC1001	Introduction to Sociology I: GT-SS3	3

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
BIO2104	Microbiology with Lab: GT-SC1	4
BIO2116	Human Pathophysiology	4

Electives

Total Credits **15**

Below are the recommended course for this emphasis.

Course Number	Course Title	Credits
HPR1011	CPR Professionals	0.5

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.

*Please Note: MEDA1207 taken through ColoradoOnline@.

Veterinary Medicine Tract Emphasis

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Take one [GT-MA1](#) course equal to or above [MAT1340](#). Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT2410	Calculus I: GT-MA1	5

Arts and Humanities

Total Credits **6**

Take two GT courses from [AH1](#), [AH2](#), [AH3](#) or [AH4](#).

History

Total Credits **3**

Take one GT course from the [HI1](#) category.

Social and Behavioral Sciences

Total Credits **6**

Take two GT courses from [SS1](#), [SS2](#), [SS3](#) categories or one course from [SS1](#), [SS2](#), [SS3](#) and one additional [HI1](#) course.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Take a sequence of two GT courses from the [SC1](#) category, plus one more [SC1](#) course.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE2111	Organic Chemistry I with Lab	5
CHE2112	Organic Chemistry II with Lab	5
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S.](#)

[Electives](#) page.

***Please Note:** Pre-Vet is not a major at a four-year institution. Students should also consult the requirements for their chosen major.

Wildlife Biology Emphasis (Chemistry Focus)

TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written Communication

Total Credits **6**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
And		
ENG1022	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

*COM 1150 is preferred.

MathematicsTotal Credits **3**

Take one GT-MA1 course equal to or above MAT1340 (MAT121). Below is the recommended course for this emphasis. All credits over 3 apply to electives.

Course Number	Course Title	Credits
<u>MAT1340</u>	College Algebra: GT-MA1	4
<u>MAT2410</u>	Calculus I: GT-MA1	5

Arts and HumanitiesTotal Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **6**

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Natural and Physical SciencesTotal Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Course Number	Course Title	Credits
<u>BIO1111</u>	General College Biology I with Lab: GT-SC1	5
<u>BIO1112</u>	General College Biology II with Lab: GT-SC1	5
<u>PHY1105</u>	Conceptual Physics with Lab: GT-SC1	4
<u>CHE1111</u>	General College Chemistry I with Lab: GT-SC1	5
<u>CHE1112</u>	General College Chemistry II with Lab: GT-SC1	5

ElectivesTotal Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S.

Electives page.

Wildlife Biology Emphasis (Physics Focus)TOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
<u>ENG1021</u>	English Composition I:GT-CO1	3
And		
<u>ENG1022</u>	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
<u>COM1150</u>	Public Speaking	3
<u>COM1250</u>	Interpersonal Communication: GT-SS3	3
<u>COM2300</u>	Intercultural Communication: GT-SS3	3

*COM 1150 is preferred.

MathematicsTotal Credits **3**

Below is the recommended course for this emphasis. Take one GT-MA1 course equal to or above MAT1340. All credits over 3 apply to electives.

Course Number	Course Title	Credits
<u>MAT1340</u>	College Algebra: GT-MA1	4
<u>MAT2410</u>	Calculus I: GT-MA1	5

Arts and HumanitiesTotal Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4 categories.

HistoryTotal Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral SciencesTotal Credits **6**

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Natural and Physical SciencesTotal Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Take a sequence of two GT courses from the SC1 category, plus one more SC1 course.

Course Number	Course Title	Credits
<u>BIO1111</u>	General College Biology I with Lab: GT-SC1	5
<u>BIO1112</u>	General College Biology II with Lab: GT-SC1	5
<u>PHY1111</u>	Physics Algebra Based I with Lab: GT-SC1	5
<u>PHY1112</u>	Physics Algebra Based II with Lab: GT-SC1	5
<u>CHE1011</u>	Introduction to Chemistry I with Lab: GT-SC1	5

ElectivesTotal Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Zoology EmphasisTOTAL CREDITS **60**

CIP: 240199 | BANNER: AS

The zoology emphasis focuses on all aspects of the biology of animals from genes to ecosystems and covers major areas of the life sciences including genetics, physiology, ecology, and conservation biology. This program is designed to successfully transfer students to a four-year university program in zoology or animal sciences.

Written CommunicationTotal Credits **6**

Course Number	Course Title	Credits
<u>ENG1021</u>	English Composition I:GT-CO1	3
And		
<u>ENG1022</u>	English Composition II: GT-CO2	3
OR you can take ENG1022 and a GT-CO3 course.		

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2300	Intercultural Communication: GT-SS3	3

Mathematics

Total Credits **3**

Take one GT-MA1 course equal to or above MAT1340. All credits over 3 apply to electives.

Arts and Humanities

Total Credits **6**

Take two GT courses from AH1, AH2, AH3 or AH4.

History

Total Credits **3**

Take one GT course from the HI1 category.

Social and Behavioral Sciences

Total Credits **6**

Below is the recommended course for this emphasis.

Course Number	Course Title	Credits
AGR2160	World Interdependence /Population/Food: GT-SS3	3

Take two GT courses from SS1, SS2, SS3 categories or one course from SS1, SS2, SS3 and one additional HI1 course.

Natural and Physical Sciences

Total Credits **12**

Below are the recommended courses for this emphasis. All credits over 12 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO1112	General College Biology II with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
CHE1112	General College Chemistry II with Lab: GT-SC1	5
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5

Electives

Total Credits **21**

Consult with a Northeastern Advisor and select the elective credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the Approved A.A.-A.S. Electives page.

Associate of General Studies Degree (A.G.S.)

The Associate of General Studies (A.G.S.) degree is available for individuals who desire to complete a broad instructional program with the flexibility to tailor individual learning experiences.

There are two types of A.G.S degrees. This first type of the A.G.S degree is designed to meet individual career goals with no intent of transferring to baccalaureate degree programs. It consists of a broad program of both career and traditional transfer courses without the constraints of specialization.

Transferability of this customized degree program depends upon the courses taken and the receiving institution. Fifteen of these semester hours must be in prescribed general education courses labeled as those accepted in the State Guarantee General Education Transfer and designated as such in the college catalog.

The second type of the A.G.S degree is used as a technical pre-professional transfer degree with a major field specified. It is designed for students to transfer into a baccalaureate degree program with junior standing, based on a written articulation agreement with one or more designated institutions. The course of study for the various fields of specialization must be outlined in the college catalog as well as the identification of the baccalaureate institution(s) that have agreed to accept the program in transfer. The other hours will be subject to the terms of the agreement with the baccalaureate institution(s).

Graduation Requirements and Policies (A.G.S)

1. Complete a minimum of 60 semester credits of approved coursework.
2. Thirty (30) semester credits of the total coursework must be taken in general education and professional coursework. Students should select their elective courses in consultation with their academic advisor based on the student's declared program of study and educational goal. No more than 30 semester credits of coursework are to be in Career and Technical Education prefixed courses or community education courses.
3. Earn a minimum cumulative grade point average of 2.0 (a "C" average).
4. Earn 15 semester credits of coursework prior to graduation through Northeastern.
5. File an [Application for Graduation](#).
6. Resolve all financial obligations to the college and return all library and college materials.

Students earning the Associate of General Studies degree must complete 30 semester credit hours of the following general education requirements. Any course designated as a Guaranteed Transfer Course will also fulfill a general education requirement for the A.G.S. degree in the appropriate category. Additional courses are listed under the respective categories below.

General Education Requirements	
Written Communication	3 total credits
ENG1015 Technical English & Communication	3
Oral Communication (CCCS requirement)	3 total credits
COM1150 Public Speaking or COM1250 Interpersonal Communication	3
Mathematics	3 minimum total credits
One guaranteed transfer Math course (GT-MA1)	3-5 credits
Arts & Humanities	3 total credits
See guaranteed transfer Arts & Humanities courses (AH1, AH2, AH3, AH4) or	
LIT2055 Children's Literature	3
SPA1011 Spanish Language I	5
SPA1012 Spanish Language II	5
Social & Behavioral Sciences Combined	3 total credits
See guaranteed transfer Social & Behavioral Sciences courses (SS1, SS2, SS3, HI1) or	3
MAN1028 Human Relation-Organizations	3
One guaranteed transfer History course (HI1) and	3
One additional guaranteed transfer course from either Arts & Humanities or Social & Behavioral Sciences (AH1, AH2, AH3, AH4, SS1, SS2, SS3, or HI1)	3
Physical & Life Sciences	4 minimum total credits
See guaranteed transfer Physical & Life Sciences courses (SC1, SC2) or	
AGY1100 General Crop Production	4
HPR2017 Kinesiology	4

Associate of General Studies Degree (A.G.S.)

TOTAL CREDITS 60

CIP: 240102 | BANNER: AGS

The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees. The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions. The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1021	English Composition I:GT-CO1	3

*Please Note: Take [ENG1015](#) or Higher English Course.

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

Mathematics

Total Credits **3**

Choose one [GT-MA1](#) course or consult with a Northeastern Advisor about the appropriate Math course needed.

Arts and Humanities

Total Credits **3**

Take one GT course from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

Social and Behavioral Sciences

Total Credits **3**

Choose any GT course from [SS1](#), [SS2](#), [SS3](#), or [HI1](#) categories.

Natural and Physical Sciences

Total Credits **4**

Choose a minimum of 4 credits from any GT course from the [GT-SC1](#) or [GT-SC2](#) categories. Below is the recommended course for this emphasis.

Course Number	Course Title	Credits
AGY1100	General Crop Production	4

Program Requirements

Total Credits **11**

Choose an additional 11 credits of General Education Courses in any category or multiple categories from the [Approved A.A.-A.S. Electives](#) page.

Electives

Total Credits **30**

Consult with a Northeastern Advisor and select the credits needed based on the specific articulation agreement and transfer institution requirements. The list of approved electives can be found on the [Approved A.A.-A.S. Electives](#) page.



Agricultural Business Concentration

TOTAL CREDITS **60**

CIP: 240102 | BANNER: AGS

Agriculture Business Concentration degree is designed to prepare students to transfer to an Agriculture Business Baccalaureate degree program at a Land Grant Institution (Agriculture College or University) or for a career in a variety of Agribusiness enterprises and settings. The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees.

The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions.

The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1021	English Composition I:GT-CO1	3

***Please Note:** [ENG1031](#) is recommended for Transfer Degree.

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

***Please Note:** [COM1150](#) is recommended for Transfer Degree.

Mathematics

Total Credits **3**

Choose one of the following courses, or any [GT-MA1](#) course of at least 3 credits. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1160	Financial Mathematics	3

***Please Note:** [MAT1340](#) is recommended for Transfer Degree.

Arts and HumanitiesTotal Credits **3**Take at least one GT course from AH1, AH2, AH3 or AH4 categories.**Social and Behavioral Sciences**Total Credits **3**Choose one of the following courses or choose any GT course from SS1, SS2, SS3, or HI1 categories.

Course Number	Course Title	Credits
<u>AGE1102</u>	Agriculture Economics: GT-SS1	3
<u>AGR2160</u>	World Interdependence /Population/Food: GT-SS3	3

*Please Note: AGE1102 is recommended for the Agriculture Business Concentration.**Natural and Physical Sciences**Total Credits **4**Choose one of the following courses, or any GT course from the SC1 or SC2 categories. All credits over 4 apply to electives.

Course Number	Course Title	Credits
<u>BIO1111</u>	General College Biology I with Lab: GT-SC1	5
<u>CHE1011</u>	Introduction to Chemistry I with Lab: GT-SC1	5
<u>CHE1111</u>	General College Chemistry I with Lab: GT-SC1	5
<u>AGY1100</u>	General Crop Production	4

*Please Note: BIO1111 or CHE1011 or CHE1111 are recommended for transfer degrees.**Program Requirements**Total Credits **12**

Course Number	Course Title	Credits
<u>CIS1018</u>	Introduction to PC Applications	3
<u>ASC1100</u>	Animal Sciences	3
<u>ECO2001</u>	Principles of Macroeconomics: GT-SS1	3
<u>AGE2105</u>	Farm and Ranch Management	3

*Please Note: It is recommended to take the "Agriculture Emphasis" section of CIS1018.**Electives**Total Credits **29**

Below are the recommended courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives.

Course Number	Course Title	Credits
<u>ENG1022</u>	English Composition II: GT-CO2	3
<u>BIO1111</u>	General College Biology I with Lab: GT-SC1	5
<u>CHE1011</u>	Introduction to Chemistry I with Lab: GT-SC1	5
<u>CHE1111</u>	General College Chemistry I with Lab: GT-SC1	5
<u>MAT1400</u>	Survey of Calculus: GT-MA1	4
<u>MAT1260</u>	Introduction to Statistics: GT-MA1	3
<u>AGE2108</u>	Agricultural Finance	3
<u>AGY1100</u>	General Crop Production	4
<u>AGY2140</u>	Introduction Soil Science: GT-SC1	4
<u>ASC2125</u>	Feeds and Feeding	4

*Please Note: Courses from any of the following GT categories can also be taken GT-SC1, SC-2, GT-MA1, GT-AH1, AH2, AH3, AH4, GT-HI1, GT-SS1, SS2, SS3. Consult a Northeastern Advisor for more information.

Agricultural Communication (Journalism) Concentration

TOTAL CREDITS 60

CIP: 240102 | BANNER: AGS

Agriculture Communication Concentration degree is designed to prepare students to transfer to an Agriculture Communication Baccalaureate degree program at a Land Grant Institution (Agriculture College or University) or for a career in a variety of Agriculture communication, marketing, advocacy, promotion, and leadership fields.

The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees. The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization.

Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions.

The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1021	English Composition I:GT-CO1	3

*Please Note: [ENG1031](#) is recommended for Transfer Degree.

Oral Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

*Please Note: [COM1150](#) is recommended for Transfer Degree.

Mathematics

Total Credits 3

Choose one of the following courses, or any [GT-MA1](#) course of at least 3 credits. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1160	Financial Mathematics	3

*Please Note: [MAT1340](#) is recommended for Transfer Degree.

Arts and Humanities

Total Credits 3

Take a minimum of one GT course from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

Social and Behavioral Sciences

Total Credits 3

Choose one of the following courses, or choose one GT course from [SS1](#), [SS2](#), [SS3](#), or [HI1](#) categories.

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

*Please Note: [AGE1102](#) is recommended for the Agriculture Communication Concentration.

Natural and Physical Sciences

Total Credits **4**

Choose one of the following courses, or any GT course from the SC1 or SC2 categories. All credits over 4 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
AGY1100	General Crop Production	4

***Please Note:** [BIO1111](#) or [CHE1011](#) or [CHE1111](#) are recommended for transfer degrees.

Program Requirements

Total Credits **13**

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
CIS1018	Introduction to PC Applications	3
AGY1100	General Crop Production	4
JOU1005	Introduction to Mass Media: GT-SS3	3

***Please Note:** [AGP1000](#) may be substituted for [AGY1100](#), credit can only be counted for one of the courses. It is recommended to take the "Agriculture Emphasis" section of [CIS1018](#).

Electives

Total Credits **28**

Below are the recommended courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives.

Course Number	Course Title	Credits
ENG1022	English Composition II: GT-CO2	3
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
AGE1102	Agriculture Economics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3
MAT1400	Survey of Calculus: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3
AGY2140	Introduction Soil Science: GT-SC1	4
ASC2125	Feeds and Feeding	4

***Please Note:** Courses from any of the following GT categories can also be taken GT-SC1, SC-2, GT-MA1, GT-AH1, AH2, AH3, AH4, GT-HI1, GT-SS1, SS2, SS3 and any JOU or MGD courses Consult a Northeastern Advisor for more information.

Agricultural Education Concentration

TOTAL CREDITS **60**

CIP: 240102 | BANNER: AGS

Agriculture Education Concentration degree is designed to prepare students to transfer to an Agriculture Education Baccalaureate degree program at a Land Grant Institution (Agriculture College or University) or for a career in the industry of agriculture in variety of agricultural disciplines, enterprises, fields, and settings. The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees.

The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions.

The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1021	English Composition I:GT-CO1	3

*Please Note: [ENG1031](#) is recommended for Transfer Degree.

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

*Please Note: [COM1150](#) is recommended for Transfer Degree.

Mathematics

Total Credits **3**

Choose one of the following courses, or any [GT-MA1](#) course of at least 3 credits. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1160	Financial Mathematics	3

*Please Note: [MAT1340](#) is recommended for Transfer Degree.

Arts and Humanities

Total Credits **3**

Take a minimum of one GT course from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

Social and Behavioral Sciences

Total Credits **3**

Choose one of the following courses, or any GT course from [SS1](#), [SS2](#), [SS3](#), or [HI1](#) categories.

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

Natural and Physical Sciences

Total Credits **4**

Choose a course from the list below or any Advisor approved course from the [GT-SC1](#) or [GT-SC2](#) categories. All credits over 4 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
AGY1100	General Crop Production	4

Program RequirementsTotal Credits **12**

Agricultural Education concentration requirements

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
CIS1018	Introduction to PC Applications	3
AGY1100	General Crop Production	4
Choose one of the following courses.		
AME1005	Basic Ag Mechanic Skills	2
AME1018	Farm Carpentry	3
AME1025	Agricultural Machinery	3
AME1051	Fundamentals of Welding	3

***Please Note:** It is recommended to take the "Agriculture Emphasis" section of CIS1018. AGP1000 may be substituted for AGY1100, credit can only be counted for one of the courses.

ElectivesTotal Credits **29**

Below are the recommended courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives.

Course Number	Course Title	Credits
ENG1022	English Composition II: GT-CO2	3
BIO1111	General College Biology I with Lab: GT-SC1	5
BIO2121	Botany with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
MAT1340	College Algebra: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3
MAT1400	Survey of Calculus: GT-MA1	4
AGE1102	Agriculture Economics: GT-SS1	3
AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
EDU2211	Introduction to Education	3
AGE2110	Agriculture Marketing	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4
AME1005	Basic Ag Mechanic Skills	2
AME1018	Farm Carpentry	3
AME1025	Agricultural Machinery	3
AME1051	Fundamentals of Welding	3
ASC1102	Introduction to Equine Science	4
ASC2125	Feeds and Feeding	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2150	Live Animal/Carcass Evaluation	3
ASC2188	Livestock Practicum	2
HLT1000	Horticulture Science	4
RAM2005	Range Management	3

***Please Note:** Courses from any of the following GT categories can also be taken GT-SC1, SC-2, GT-MA1, GT-AH1, AH2, AH3, AH4, GT-HI1, GT-SS1, SS2, SS3. Consult a Northeastern Advisor for more information.

Agriculture (General) Concentration

TOTAL CREDITS 60

CIP: 240102 | BANNER: AGS

Agriculture Concentration degree is designed to prepare students to transfer to an Agriculture Baccalaureate degree program at a Land Grant Institution (Agriculture College or University) or for a career in a variety of Agricultural disciplines or fields. The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees.

The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions. The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3

*Please Note: ENG1031 is recommended for Transfer Degree.

Oral Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

*Please Note: COM1150 is recommended for Transfer Degree.

Mathematics

Total Credits 3

Choose one of the following courses, or any GT-MA1 course of at least 3 credits. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1160	Financial Mathematics	3

*Please Note: MAT1340 is recommended for Transfer Degree.

Arts and Humanities

Total Credits 3

Take a minimum of one GT course from AH1, AH2, AH3 or AH4 categories.

Social and Behavioral Sciences

Total Credits 3

Take one GT course from the SS1, SS2, SS3 or HI1 categories

*Please Note: AGE1102 is recommended for the Agriculture General Concentration.

Natural and Physical SciencesTotal Credits **4**

Choose one of the following courses, or any GT course from the SC1 or SC2 categories. All credits over 4 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
AGY1100	General Crop Production	4

***Please Note:** [BIO1111](#) or [CHE1011](#) or [CHE1111](#) are recommended for transfer degrees.

Program RequirementsTotal Credits **6**

Agriculture (General) concentration requirements

Course Number	Course Title	Credits
CIS1018	Introduction to PC Applications	3
ASC1100	Animal Sciences	3

***Please Note:** It is recommended to take the "Agriculture Emphasis" section of [CIS1018](#).

ElectivesTotal Credits **35**

Below are the recommended courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives. 15 credits must be from AGE, ASC, AGY, AGR, AGP, AGB, EQM, EQT, HLT, ABM, RAM or courses approved by your Northeastern Advisor.

Course Number	Course Title	Credits
ENG1022	English Composition II: GT-CO2	3
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
MAT1340	College Algebra: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3
MAT1400	Survey of Calculus: GT-MA1	4
AGE1102	Agriculture Economics: GT-SS1	3
AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4
AME1005	Basic Ag Mechanic Skills	2
AME1018	Farm Carpentry	3
AME1025	Agricultural Machinery	3
AME1051	Fundamentals of Welding	3
ASC1102	Introduction to Equine Science	4
ASC2125	Feeds and Feeding	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2150	Live Animal/Carcass Evaluation	3
ASC2188	Livestock Practicum	2
RAM2005	Range Management	3

***Please Note:** Courses from any of the following GT categories can also be taken GT-SC1, SC-2, GT-MA1, GT-AH1, AH2, AH3, AH4, GT-HI1, GT-SS1, SS2, SS3. Consult a Northeastern Advisor for more information.

Animal Science Concentration

TOTAL CREDITS 60

CIP: 240102 | BANNER: AGS

Animal Science Concentration degree is designed to prepare students to transfer to an Animal Science Baccalaureate degree program at a Land Grant Institution (Agriculture College or University) or for a career in a variety of Animal Science disciplines including animal production, nutrition, reproduction, breeding, genetics, animal health, meat science, or other related fields. The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees.

The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions. The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1021	English Composition I:GT-CO1	3

*Please Note: [ENG1031](#) is recommended for Transfer Degree.

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

*Please Note: [COM1150](#) is recommended for Transfer Degree.

Mathematics

Total Credits **3**

Choose one of the following courses, or any [GT-MA1](#) course of at least 3 credits. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1160	Financial Mathematics	3

*Please Note: [MAT1340](#) is recommended for Transfer Degree.

Arts and Humanities

Total Credits **3**

Take one GT course from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

Social and Behavioral Sciences

Total Credits **3**

Choose one of the following courses, or choose any GT course from [SS1](#), [SS2](#), [SS3](#), or [HI1](#) categories.

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

*Please Note: [AGE1102](#) is recommended for the Animal Science Concentration.

Natural and Physical SciencesTotal Credits **4**

Choose one of the following courses, or any GT course from the SC1 or SC2 categories. All credits over 4 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5

***Please Note:** [BIO1111](#) or [CHE1011](#) or [CHE1111](#) are recommended for transfer degrees.

Program RequirementsTotal Credits **13**

Animal Science concentration requirements

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
CIS1018	Introduction to PC Applications	3
RAM2005	Range Management	3
AGY2140	Introduction Soil Science: GT-SC1	4

***Please Note:** It is recommended to take the "Agriculture Emphasis" section of [CIS1018](#).

ElectivesTotal Credits **28**

Below are the recommended courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives.

Course Number	Course Title	Credits
ENG1022	English Composition II: GT-CO2	3
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
MAT1340	College Algebra: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3
MAT1400	Survey of Calculus: GT-MA1	4
AGE1102	Agriculture Economics: GT-SS1	3
AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4
AME1005	Basic Ag Mechanic Skills	2
AME1018	Farm Carpentry	3
AME1025	Agricultural Machinery	3
AME1051	Fundamentals of Welding	3
ASC1102	Introduction to Equine Science	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2188	Livestock Practicum	2
RAM2005	Range Management	3

***Please Note:** Courses from any of the following GT categories can also be taken GT-SC1, SC-2, GT-MA1, GT-AH1, AH2, AH3, AH4, GT-HI1, GT-SS1, SS2, SS3. Consult a Northeastern Advisor for more information.

Equine Science Concentration

TOTAL CREDITS 60

CIP: 240102 | BANNER: AGS

Equine Science Concentration degree is designed to prepare students to transfer to an Equine Science Baccalaureate degree program at a Land Grant Institution (Agriculture college or university) or for a career in a variety of equine science disciplines including animal behavior, training, nutrition, reproduction, breeding, genetics, equine health, or other related fields.

The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees. The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions. The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1021	English Composition I:GT-CO1	3

*Please Note: [ENG1031](#) is recommended for Transfer Degree.

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

*Please Note: [COM1150](#) is recommended for Transfer Degree.

Mathematics

Total Credits **3**

Choose one of the following courses, or any [GT-MA1](#) course of at least 3 credits. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1160	Financial Mathematics	3

*Please Note: [MAT1340](#) is recommended for Transfer Degree.

Arts and Humanities

Total Credits **3**

Take a minimum of one GT course from [AH1](#), [AH2](#), [AH3](#) or [AH4](#) categories.

Social and Behavioral SciencesTotal Credits **3**Choose one of the following courses, or choose any GT course from SS1, SS2, SS3, or HI1 categories.

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

***Please Note:** [AGE1102](#) is recommended for the Equine Science Concentration.**Natural and Physical Sciences**Total Credits **4**Choose one of the following courses, or any GT course from the SC1 or SC2 categories. All credits over 4 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5

***Please Note:** [BIO1111](#) or [CHE1011](#) or [CHE1111](#) are recommended for transfer degrees.**Program Requirements**Total Credits **13**

Equine Science concentration requirements

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
CIS1018	Introduction to PC Applications	3
ASC1102	Introduction to Equine Science	4

Choose one of the following courses.

AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3

***Please Note:** It is recommended to take the "Agriculture Emphasis" section of [CIS1018](#).**Electives**Total Credits **28**

Below are the recommended courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives.

Course Number	Course Title	Credits
ENG1022	English Composition II: GT-CO2	3
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
MAT1340	College Algebra: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3
MAT1400	Survey of Calculus: GT-MA1	4
AGE1102	Agriculture Economics: GT-SS1	3
AGE2105	Farm and Ranch Management	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4
AME1005	Basic Ag Mechanic Skills	2
AME1018	Farm Carpentry	3
AME1025	Agricultural Machinery	3

Course Number	Course Title	Credits
AME1051	Fundamentals of Welding	3
ASC2125	Feeds and Feeding	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2150	Live Animal/Carcass Evaluation	3
ASC2188	Livestock Practicum	2
RAM2005	Range Management	3

***Please Note:** Courses from any of the following GT categories can also be taken GT-SC1, SC-2, GT-MA1, GT-AH1, AH2, AH3, AH4, GT-HI1, GT-SS1, SS2, SS3. Consult an Northeastern Advisor for more information.

Range Management Concentration

TOTAL CREDITS 60

CIP: 240102 | BANNER: AGS

Range Management Concentration degree is designed to prepare students to transfer to a Range Management or Range Science Baccalaureate degree program at a Land Grant Institution (Agriculture College or University) or for a career in a variety of rangeland, agronomy, soils, horticulture, environmental, ecological, or natural resource fields. The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees. The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions. The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1021	English Composition I:GT-CO1	3

***Please Note:** ENG1031 is recommended for Transfer Degree.

Oral Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

***Please Note:** COM1150 is recommended for Transfer Degree.

Mathematics

Total Credits 3

Choose one of the following courses, or any GT-MA1 course of at least 3 credits. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1160	Financial Mathematics	3

***Please Note:** MAT1340 is recommended for Transfer Degree.

Arts and HumanitiesTotal Credits **3**Take a minimum of one GT course from AH1, AH2, AH3 or AH4 categories.***Please Note:** PHI1013 may be required for some transfer degrees. Consult an Academic Advisor for more information.**Social and Behavioral Sciences**Total Credits **3**Choose one of the following courses, or choose any GT course from SS1, SS2, SS3, or H11 categories.

Course Number	Course Title	Credits
<u>AGE1102</u>	Agriculture Economics: GT-SS1	3
<u>AGR2160</u>	World Interdependence /Population/Food: GT-SS3	3

***Please Note:** AGE1102 is recommended for the Agriculture Communication Concentration.**Natural and Physical Sciences**Total Credits **4**Choose one of the following courses, or any GT course from the SC1 or SC2 categories.

Course Number	Course Title	Credits
<u>BIO1111</u>	General College Biology I with Lab: GT-SC1	5
<u>CHE1011</u>	Introduction to Chemistry I with Lab: GT-SC1	5
<u>CHE1111</u>	General College Chemistry I with Lab: GT-SC1	5
<u>AGY1100</u>	General Crop Production	4

***Please Note:** BIO1111 or CHE1011 or CHE1111 are recommended for transfer degrees. All credits over 4 apply to electives.**Program Requirements**Total Credits **13**

Range Management concentration requirements

Course Number	Course Title	Credits
<u>CIS1018</u>	Introduction to PC Applications	3
<u>ASC1100</u>	Animal Sciences	3
<u>RAM2005</u>	Range Management	3
<u>AGY2140</u>	Introduction Soil Science: GT-SC1	4

***Please Note:** It is recommended to take the "Agriculture Emphasis" section of CIS1018.**Electives**Total Credits **28**

Below are the recommended courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives.

Course Number	Course Title	Credits
<u>ENG1022</u>	English Composition II: GT-CO2	3
<u>BIO1111</u>	General College Biology I with Lab: GT-SC1	5
<u>CHE1011</u>	Introduction to Chemistry I with Lab: GT-SC1	5
<u>CHE1111</u>	General College Chemistry I with Lab: GT-SC1	5
<u>MAT1340</u>	College Algebra: GT-MA1	4
<u>MAT1260</u>	Introduction to Statistics: GT-MA1	3
<u>MAT1400</u>	Survey of Calculus: GT-MA1	4
<u>AGE1102</u>	Agriculture Economics: GT-SS1	3
<u>AGE2105</u>	Farm and Ranch Management	3
<u>AGE2108</u>	Agricultural Finance	3
<u>AGE2110</u>	Agriculture Marketing	3
<u>AGR2160</u>	World Interdependence /Population/Food: GT-SS3	3
<u>AGY1100</u>	General Crop Production	4
<u>AGY2140</u>	Introduction Soil Science: GT-SC1	4
<u>AME1005</u>	Basic Ag Mechanic Skills	2
<u>AME1018</u>	Farm Carpentry	3

Course Number	Course Title	Credits
AME1025	Agricultural Machinery	3
AME1051	Fundamentals of Welding	3
ASC1102	Introduction to Equine Science	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2188	Livestock Practicum	2
RAM2005	Range Management	3
HLT1000	Horticulture Science	4

***Please Note:** Courses from any of the following GT categories can also be taken GT-SC1, SC-2, GT-MA1, GT-AH1, AH2, AH3, AH4, GT-H11, GT-SS1, SS2, SS3. Consult a Northeastern Advisor for more information.

Soil & Crop Science Concentration

TOTAL CREDITS 60

CIP: 240102 | BANNER: AGS

Soil & Crop Science Concentration degree is designed to prepare students to transfer to a Soil & Crop Science Baccalaureate degree program at a Land Grant Institution (Agriculture college or university) or for a career in a variety of agronomy, soils, horticulture, environmental, or natural resource fields. The Associate of General Studies (A.G.S.) degree is designed for individuals who desire a broad instructional program with the flexibility to tailor individual learning experiences. There are two types of AGS Degrees.

The first type of AGS degree is designed to meet individual career goals with no intent to transfer into a Baccalaureate degree program. It consists of both career & technical and traditional transfer courses without the constraints of specialization. Transferability of this customized degree program depends on the specific courses taken and may vary among receiving institutions.

The Second type of AGS degree is a technical pre-professional transfer degree with a major or discipline field specified. It is designed to transfer into a specific Baccalaureate degree program based on an articulation agreement with one or more designated receiving institutions. The course of study for this type of degree is determined by the requirements of the articulation agreement and specific requirements are listed in the catalog. It is highly recommend that the student consult with an Academic Advisor for more information and course selection.

Written Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3

***Please Note:** ENG1031 is recommended for Transfer Degree.

Oral Communication

Total Credits 3

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3
COM2220	Group Communication: GT-SS3	3

***Please Note:** COM1150 is recommended for Transfer Degree.



MathematicsTotal Credits **3**Choose one of the following courses, or any GT-MA1 course of at least 3 credits. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1340	College Algebra: GT-MA1	4
MAT1160	Financial Mathematics	3

Please Note:** [MAT1340](#) is recommended for Transfer Degree.**Arts and Humanities**Total Credits **3**Take a minimum of one GT course from AH1, AH2, AH3 or AH4 categories.Please Note:** [PHI1013](#) may be required for some transfer degrees. Consult an Academic Advisor for more information.**Social and Behavioral Sciences**Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
AGR2160	World Interdependence /Population/Food: GT-SS3	3

***Please Note:** [AGE1102](#) is recommended for the Soil & Crop Science Concentration**Natural and Physical Sciences**Total Credits **4**Choose a course from the list below or any Advisor approved course from the GT-SC1 or GT-SC2 categories. All credits over 4 apply to electives.

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
AGY1100	General Crop Production	4

Program RequirementsTotal Credits **14**

Soil & Crop Science concentration requirements

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
CIS1018	Introduction to PC Applications	3
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4

***Please Note:** It is recommended to take the "Agriculture Emphasis" section of [CIS1018](#).**Electives**Total Credits **27**

Below are the recommended courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives.

Course Number	Course Title	Credits
ENG1022	English Composition II: GT-CO2	3
BIO1111	General College Biology I with Lab: GT-SC1	5
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
CHE1111	General College Chemistry I with Lab: GT-SC1	5
MAT1340	College Algebra: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3
MAT1400	Survey of Calculus: GT-MA1	4
AGE1102	Agriculture Economics: GT-SS1	3
AGE2108	Agricultural Finance	3
AGE2110	Agriculture Marketing	3

Course Number	Course Title	Credits
AGR2160	World Interdependence /Population/Food: GT-SS3	3
AGY1100	General Crop Production	4
AGY2140	Introduction Soil Science: GT-SC1	4
AME1005	Basic Ag Mechanic Skills	2
AME1018	Farm Carpentry	3
AME1025	Agricultural Machinery	3
AME1051	Fundamentals of Welding	3
ASC1102	Introduction to Equine Science	4
ASC2130	Farm Animal Anatomy & Physiology	3
ASC2188	Livestock Practicum	2
RAM2005	Range Management	3

***Please Note:** Courses from any of the following GT categories can also be taken GT-SC1, SC-2, GT-MA1, GT-AH1, AH2, AH3, AH4, GT-HI1, GT-SS1, SS2, SS3. Consult an Northeastern Advisor for more information.

Second Associate Degree

Earning Multiple Degrees-Certificates

CCCS and Northeastern recognizes that there are circumstances in which our students may require additional degrees/certificates for employment, transfer, or for personal growth and satisfaction. This guideline designates circumstances in which a student may earn a multiple credential including: Bachelor of Applied Science, Associate of Arts (including with designation), Associate of Science (including with designation), Associate of General Studies, Associate of Applied Science, and Certificate programs. Students may be awarded a second degree subject to the following stipulations:

1. Students can earn more than one A.A. or A.S. *Degree with Designation* in the same or subsequent terms. Required courses for one degree can be used for another degree.
2. Students can earn more than one A.A.S degree in the same or subsequent terms. Required courses for one degree can be used as electives for another degree.
3. Students cannot earn an A.A. *Degree with Designation* and a general A.A. degree using the same coursework.
4. Students cannot earn an A.S. *Degree with Designation* and a general A.S. degree using the same coursework.
5. This policy does not apply to students who may transfer to the community college system with a Bachelors of Arts or Bachelors of Science degree.

Degree Hierarchy

- B.A.S. (Bachelor of Applied Science)
- A.A. and A.S. (Associate of Arts/Associate of Sciences Degrees with Designation)
- A.A. and A.S. (Associate of Arts/Associate of Science General Studies)
- A.G.S. (Associate of General Studies)
- A.A.S (Associate of Applied Science)

Career & Technical Education Information

A changing emphasis in education has so heightened the interest in career and technical education that more and more students are seeking college programs, which lead directly to gainful employment. Work in industry has become so highly specialized that general education no longer meets the number and variety of job demands; the student needs more skilled and specialized training today than ever before. To help meet these demands, Northeastern offers a range of immediate employment programs developed in cooperation with business and industry. Programs may be a two-year Associate of Applied Science Degree or a Northeastern Certificate of one year or less.

Outstanding features of the career and technical education programs include modern equipment and facilities common to business or industry and a strong faculty with many years of workplace experience. The objectives of the career and technical programs are:

- To learn the essential skills and operational theory needed to ensure occupational competency.
- To develop correct habits of work safety.
- To cultivate desirable civic attitudes such as integrity, dependability, resourcefulness, and cooperation.
- To recognize the importance of technology in the workplace.

Career and Technical Education programs may carry special admission requirements in addition to those included in this catalog under general admission procedures. All information regarding admission is available from the Office of Admission.

The college reserves the right to substitute courses for those no longer offered, to modify course content at any time, to approve the substitution of one course for another in any program or degree, or waive any course prerequisite or co-requisite.

Associate of Applied Science Degree (A.A.S.)

The Associate of Applied Science (A.A.S.) degree is awarded to a student who successfully completes a program designed to prepare the student for immediate employment in a full-time skilled and/or paraprofessional occupation. Each of the college's A.A.S. degree programs in a specified occupational field. The program guides are located in the Career and Technical Education section of the catalog.

Although some college credits within these programs are accepted for transfer by particular four-year colleges and universities, career and technical education courses are not specifically designed to facilitate transfer. The student who anticipates transferring is encouraged to check carefully the requirements of the respective institution.

Graduation Requirements and Policies (A.A.S.)

1. Complete between 60-75 semester credits of approved coursework as outlined in the college catalog. Exceptions to the A.A.S. degree maximum of 75 semester credit hours may be granted in those fields in which there is a demonstrated need that requires additional coursework. Since each A.A.S. program is designed for a specified career or technical field the minimum requirements will vary with the particular program. A minimum of 15 semester credits of the total must be in general education courses. The remaining credits must be earned as technical skills development coursework drawn from the specific career and technical program requirements.
2. Earn a minimum cumulative grade point average of 2.0 (a "C" average).
3. Earn 15 semester credits of coursework prior to graduation on the Sterling campus (or approved outreach center) of Northeastern.
4. File an [Application for Graduation](#).
5. Resolve all financial obligations to the college and return all library and college materials.

General Education Requirements (A.A.S.)

The requirements of each A.A.S. degree program and the specific general education courses that must be completed for each program are described in the following pages of the Career and Technical Education section. Courses that meet the general education requirements for each A.A.S. degree program are chosen from the following areas in Communications or Reading, Mathematics, Science or Computer Science, Social/Behavioral Sciences or Humanities. Any course designated as a Guarantee Transfer Course will also fulfill a general education requirement for the A.G.S. degree in the appropriate category. Additional courses are listed under the respective categories follow.

Students must have at least one course in each of the following categories:

Communication or Reading	
ENG 1015 Technical English & Communication	3
ENG 1021 English Composition I	3
ENG 1022 English Composition II	3
ENG 1031 Technical Writing	3
REA 1030 Technical & Applied Reading	2
COM 1150 Public Speaking	3
COM 1250 Interpersonal Communications	3
COM 2400 Argumentation & Debate	3
Mathematics	
BUS 2026 Business Statistics OR	3
MAT 1260 Intro to Statistics	3
MAT 1100 Skilled Trades & Industrial Math	2
MAT 1120 Math for Clinical Calculations	3
MAT 1140 Career Math	3
MAT 1160 Financial Mathematics	3
Science or Computer Science	
AGB 2018 Computerized Farm Records	3
AGB 1002 Foundations of Agribusiness	3
AGY 1100 General Crops	4
ASC 1100 Animal Sciences	3
ASC 1102 Introduction to Equine Science	4
CHE 2105 Introduction to Organic Chemistry	5
CIS 1017 Intro to Technical Applications	3
CIS 1018 Introduction to PC Applications	3
CWB 1010 Complete Web Authoring	3
CWB 1030 Complete Web Editing	3
HPR 2017 Kinesiology	4
MGD 1011 Introduction to Computer Graphics	3
MGD 1041 Web Design I	3
Social & Behavioral Science - Humanities	
BUS 1015 Introduction to Business	3
BUS 1016 Personal Finance	3
BUS 2003 Introduction to International Business	3
MAN 1028 Human Relations in Organization	3
PSY 2442 Child and Adolescent Psychology	3
SPA 1011 Spanish Language I	5
SPA 1012 Spanish Language II	5
TOTAL SEMESTER CREDITS	15

Summary of Degree Requirements (A.A.S.)

1. General Education (chosen from the four basic areas in Communications or Reading, Mathematics, Science or Computer Science, and Social/Behavioral Sciences or Humanities)
2. Specific A.A.S. program courses and electives (45-60)

TOTAL SEMESTER CREDITS (60-75)



Agri-business Degree

TOTAL CREDITS **68**

CIP: 010101 | BANNER: AGB1

Agribusiness is a broad program that prepares the student to enter careers in the many allied industries that support production agriculture. Career opportunities exist in agricultural inputs such as seed, feed, fertilizer, equipment, genetics, animal health products, technology, and other services that support the production of crops and livestock.

Agriculture finance, marketing, consulting, agronomy services, crop input application, retail sales, and precision agriculture are among the many other career opportunities for successful graduates of the program. The program offers students the flexibility to specialize in an agricultural discipline such as agronomy or livestock production or to build a diversified set of skills in multiple aspects of agribusiness. This flexibility allows the student to customize their program of study based on individual career goals.

The Agribusiness program at Northeastern is designed for a student who plans on going directly into the industry after completion and is not intended to transfer to a four-year institution. Program requirements consist of coursework (60 credits) and an industry work experience internship (8 credits) for a total of 68 credits.

Written Communication

Total Credits **3**

Course Number	Course Title	Credits
Choose one of the following courses.		
ENG1015	Technical English & Communication	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1021	English Composition I:GT-CO1	3

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits **3**

Course Number	Course Title	Credits
MAT1140	Career Math: Program Emphasis	3
Choose MAT1140 or higher Math course.		

Natural and Physical SciencesTotal Credits **7**

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
And		
AGP1000	Practical Crop Production	4
Or		
AGY1100	General Crop Production	4

Social and Behavioral SciencesTotal Credits **3**

Course Number	Course Title	Credits
Choose one of the following courses.		
AGB1002	Foundations of Agricultural business	3
AGE1102	Agriculture Economics: GT-SS1	3

Program RequirementsTotal Credits **27**

Course Number	Course Title	Credits
AGB2018	Computerized Farm Records	3
AGB1020	Agricultural Salesmanship	3
AGB2028	Agribusiness Management	3
AGB2089	Agri-Business Capstone	1
AGE2110	Agriculture Marketing	3
BUS2017	Business Communication/Report Writing	3
CIS1018	Introduction to PC Applications	3
AGB1080	Agricultural Business Internship I	8

ElectivesTotal Credits **22**

Choose a minimum of 22 credits of elective courses. Elective courses may be taken from any of the following course disciplines (prefixes): ACC, ABM, AGB, AGE, AGP, AGR, AGY, AME, ASC, AVT, BUS, CIS, EQM, EQT, HLT, IMA, MAN, MAR, RAM, or WEL. Other courses may be approved by the Academic Advisor for use as elective(s).

***Please Note:** There are a total of 68 credits (minimum) for this degree including the 8 credit Internship.

Applied ManagementTOTAL CREDITS **30**

CIP: 520201 | BANNER: BSAM

The Associate of Applied Science Degree in Applied Management (A.A.S.) is designed to meet the needs of individuals who have acquired post high school occupationally-related training at any community college, technical institute, military service school, proprietary school, or industry-related school in the business, health, or technical fields.

This program builds on the student's previous one or more years of training in technical skills-related programs, but also includes courses that will provide entrepreneurial training necessary to obtain management level employment appropriate to the Associate of Applied Science Degree and former technical training. Finally, the program requires a variety of general education courses that enable the individual to understand and appreciate his/her societal responsibilities.

The following types of occupations are examples of how this program would work.

Prior Technical Training (30 Credits)

+ Applied Management Courses

= Job Possibilities

- Practical Nursing (PN)
- Carpentry
- Diesel Repair
- Auto Repair
- Cosmetology
- Owner/Operator - Business

- Paint/Equipment Sales Representative
- Nursing Home Administrator
- Millwork Sales
- Dealership Operations
- Wind Technology
- Early Childhood Education
- Day Care Center

This core includes one or more years of prior technical training (30 semester credit hours minimum) from any recognized CTE program. A student is required to produce a transcript of credit hours or the equivalent in a technical field.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1015	Technical English & Communication	3

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3**

Course Number	Course Title	Credits
MAT1100	Skilled Trades/Industrial Math	2
MAT1140	Career Math: Program Emphasis	3
MAT1160	Financial Mathematics	3
BUS2026	Business Statistics	3

Please Note: If taking any 2 credit courses, General Education credit hours must equal 15 credits minimum.

Natural and Physical Sciences

Total Credits **3**

Take any CIS, CSC, CWB, MGD, or GT-SC1 or SC2 course not otherwise used.

Arts and Humanities

Total Credits **3**

Take any State Guaranteed Transfer course in ANT, ART, GEO, HIS, HUM, LIT, MUS, PHI, POS, PSY, SPA, SOC or THE prefix. You can also choose MAN1028, ECO1001, ECO2001, or ECO2002 if not otherwise used.

Program Requirements

Total Credits **15**

Below are the required courses for this emphasis. Choose an additional 9 credits from ACC, BUS, CIS, CSC, CWB, ECO, MAN, CIS, MAR, MGD prefix or PHI1012 or PHI2005

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
BUS2017	Business Communication/Report Writing	3

Applied Technology

TOTAL CREDITS **60**

CIP: 419999 | BANNER: APT1

To complete the A.A.S. Degree in Applied Technology a student will complete the technical course work for a state approved Career and Technical Education certificate at one of the four area vocational technical schools (AVTS). The four AVTS's are: Delta-Montrose Area Vocational Technical Center, Emily Griffith Opportunity School, San Juan Basin Area Vocational School, and T.H. Pickens Technical Center.

The general education and other degree requirements will be completed at one of the Colorado public community/junior colleges. The A.A.S. Degree will be conferred by the community/ junior college at which the general education and other degree requirements have been completed.

The approved Career and Technical Education certificate programs at the AVTS prepare students with technical, applied academic, and employability skills. Credit, in varying amounts from these certificate programs, will be applicable to the community college's A.A.S. Degree in Applied Technology.

Students may enroll concurrently at both institutions, an AVTS and a community college. Students must comply with the regulations and requirements relating to admission and attendance at each institution.

Minimum requirements for the Associate of Applied Science (A.A.S.) Applied Technology Degree include:

1. Minimum of 60 semester hours of course work.
2. Cumulative GPA of 2.0 or higher.
3. General education course of 15 semester hours.
4. Additional requirements of at least 42 semester hours:
 - a. From an individual state approved program at one of the four AVTS's.
 - b. If the program certificate is less than 42 semester hours, then the program certificate hours plus elective credit hours from the community college will be used for the total of at least 42 semester hours.
5. Minimum of 15 semester hours earned at the community college.
6. Students must achieve a cumulative 2.0 GPA after completion of their 1st and 2nd semesters to continue to the 3rd semester.

General Education Requirements	Credits
Communication or Reading	3
Mathematics	3
Science or Computer Science	3
Social Science or Humanities	3
General Education Elective	3
	15 minimum

Associate Degree Nursing

TOTAL CREDITS **67.5**

CIP: 513801 | BANNER: NRI

Associate Degree Nursing (ADN) Program is a four-semester program after completing a set of prerequisite courses for a total of 67.5 credits.

Students graduate with an Associate of Applied Science in Nursing and are then eligible to take the NCLEX-RN (nursing state board exam) to become a Registered Nurse (RN). RN's are in high demand and are the largest group of health care providers in the United States. RN's have both independent and dependent functions in providing patient care to include patient assessment, implementing doctors' orders and providing patient education.

RN's work in a variety of settings including hospitals, home care agencies, long-term care facilities, clinics, public health care agencies and schools.

The nursing program includes both instructional and clinical experience to provide safe and compassionate nursing care. The nursing faculty also strive to teach the values and professionalism nurses will need to have a rewarding career in nursing. Clinical experiences vary and may occur on weekends or nights and will include eight or twelve hour shifts in facilities from surrounding areas including Nebraska. Travel may be required up to a 200-mile radius of campus.

Applicants who desire to enter the ADN program must satisfy the following requirements for admission:

1. Applicants must meet general admission requirements.
2. Applicants must submit all material required under admission information of this catalog.
3. Applicants must demonstrate readiness for college- level course work in reading, math and English.
4. Completion of a preadmission nursing entrance exam available at the Student Success office.
5. Completion of the following prerequisite courses which require a GPA of 2.5 or better. All courses need to be at least a “C”.

Prerequisites		Total Credits 15-17
Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
HPR1010	Dietary Nutrition	1
Or		
HWE1050	Human Nutrition	3
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
PSY2440	Human Growth & Development: GT-SS3	3

Prerequisites must be taken prior to application to the Nursing Program. Exception is only one Human Anatomy & Physiology course has to be completed at the time of applying to the nursing program. The other one has to be completed with a "C" or greater before the start of the program in the Fall.

All Biology (BIO) prerequisites must be completed within seven years of entry into Northeastern’s nursing programs. Colorado Community College requires BIO 1010 as a prerequisite to BIO 2101.

Once all prerequisites are completed, the student must apply to the ADN program. This is a separate application than general admission to the college. The student needs to apply to the college first and be assigned an ‘S’ number. Please contact the nursing department for the specific directions on how to apply to the nursing program. Acceptance into the ADN program is a competitive process.

Points are assigned based on the following: grade point average on prerequisites, satisfactory completion of science general education course, prior degree, and certification as a nurse aide, successful completion of Jump Start to Nursing course, satisfactory completion of Medical Terminology, satisfactory completion of BIO 2104 Microbiology, nursing preadmission test results, and proof of residency for one year from Northeastern’s service area. Applicants are selected on total points earned. Once accepted into the program the following must be completed.

- Satisfactory completion of a short communication assessment.
- Satisfactorily pass a criminal background check (not to be completed earlier than 90 days of start of program).
- Health statement/proof of immunization for medical clearance.
- Professional CPR Certificate that must not expire until after graduation.
- Negative drug screen

It is highly recommended that you meet with a nursing advisor to ensure all requirements have been met.

Fall First Year		Total Credits 14
Course Number	Course Title	Credits
NUR1009	Fundamentals of Nursing	6
NUR1012	Basic Concepts of Pharmacology	2
MAT1120	Math for Clinical Calculations	3

Take 3 credits of Social and Behavioral Science

*MAT1120 Math for Clinical Calculations can be completed prior to entry.

Spring First YearTotal Credits **17**

Course Number	Course Title	Credits
NUR1006	Medical Surgical Concepts	7
NUR1050	Maternal - Child Nursing	6
BIO2116	Human Pathophysiology	4

*BIO2116 can be completed prior to entry.

Summer TermTotal Credits **4**

Course Number	Course Title	Credits
NUR1069	Transition Into Practical Nursing	4

This course is optional to be taken during summer term.

Fall Second YearTotal Credits **12.5**

Course Number	Course Title	Credits
NUR2006	Advanced Concepts of Medical Surgical Nursing I	6.5
NUR2011	Psychiatric-Mental Health NSG	4
NUR2012	Pharmacology II	2

Spring Second YearTotal Credits **9**

Course Number	Course Title	Credits
NUR2016	Advanced Concepts of Medical Surgical Nursing II	5
NUR2030	Transition to Professional NSG	4

Automotive TechnologyTOTAL CREDITS **75**

CIP: 470604 | BANNER: AUT

The Automotive Technology program is designed to prepare students for jobs in the areas of parts, service management, or service and repair. The program is meeting the needs for training in this field by offering a variety of courses supported by ASE Education standards.

Basic skills in math, science, reading, along with skills and knowledge obtained in the program are essential to successfully securing and holding down jobs in the automotive industry. Effective communication skills are essential to successfully work with customers and co-workers. Technicians must also be able to write work orders and reports to explain and justify repairs. Only students with a cumulative 2.0 GPA or better at the end of their 2nd semester will be allowed to continue to their 3rd semester.

Graduates of the Automotive Technology Program will receive either a Northeastern Certificate or an Associate of Applied Science Degree.

Concurrent enrollment of high school juniors and seniors is encouraged. Students can earn the Automotive Maintenance and Inspection Certificate in one semester. Interested students should work with their counselor to plan ahead and include the course in the ICAP.

Fall Freshman YearTotal Credits **17**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE1010	Automotive Brake Service I	2
ASE1011	Automotive Brake Service II	2
ASE1020	Basic Automotive Electricity	2

Course Number	Course Title	Credits
ASE1022	Automotive Electrical Safety Systems	1
ASE1023	Starting & Charging Systems	2
ASE2010	Automotive Power & ABS Brake Systems	2
REA1030	Applied and Technical Reading	2
MAT1100	Skilled Trades/Industrial Math	2

Spring Freshman Year

Total Credits **22**

Course Number	Course Title	Credits
ASE1030	General Engine Diagnosis	2
ASE1040	Suspension & Steering I	2
ASE1041	Suspension & Steering II	2
ASE1060	Automotive Engine Repair	2
ASE1062	Automotive Engine Service Repair	2
ASE1091	Automotive Engine Repair & Rebuild	4
ASE2194	Suspension & Steering III	3
ENG1015	Technical English & Communication	3
PHY1030	Physics for CTE Occupations: Auto/Diesel Tech, Wind Tech, Industrial Maint., Agriculture, Welding Tech	2

Fall Sophomore Year

Total Credits **16**

Course Number	Course Title	Credits
ASE1050	Manual Drive Trans & Axle Maintenance	2
ASE1051	Automotive Manual Transmission/Transaxles & Clutches I	2
ASE1092	Manual Transmission, Transaxles and Clutches II	3
ASE2050	Automatic Transmission/Transaxle Service	1
ASE2051	Automatic Transmission/Transaxle Repair	3
ASE2052	Advanced Automatic Transmission/Transaxle O/H	2
BUS1002	Entrepreneurial Operations	3

Spring Sophomore Year

Total Credits **20**

Course Number	Course Title	Credits
ASE1034	Automotive Fuel & Emissions Systems I	2
ASE2064	Introduction to Automotive Heating and Air Conditioning	1
ASE2035	Drivability & Diagnosis	2
ASE2191	Automotive and Diesel Body Electrical	3
ASE2192	Automotive Computers and Ignition Systems	3
ASE2193	Auto Fuel Injection and Emissions Systems II	3
ASE2095	Heating and Air Conditioning Systems	3
MAN1028	Human Relation-Organizations	3

Electives

Total Credits **2**

Course Number	Course Title	Credits
ASE1065	Automotive Machining	2

Business: Accounting Emphasis

TOTAL CREDITS 60

CIP: 520302 | BANNER: ABAE

The Associate of Applied Science (A.A.S.) degree in Accounting/Business is awarded to a student who successfully completes a program with an accounting emphasis. The business/accounting programs are designed to aid students in the development of skills, knowledge, and attitudes related to immediate employment in a full-time skilled and/or a paraprofessional business/accounting occupation.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1015	Technical English & Communication	3

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3**

Choose from the following courses or any math course MAT1240 or higher.

Course Number	Course Title	Credits
MAT1100	Skilled Trades/Industrial Math	2
MAT1140	Career Math: Program Emphasis	3
MAT1160	Financial Mathematics	3
BUS2026	Business Statistics	3

Arts and Humanities

Total Credits **3**

Take any State Guaranteed Transfer course in ANT, ART, GEO, HIS, HUM, LIT, MUS, PHI, POS, PSY, SPA, SOC or THE. You can also choose MAN1028, ECO1001, ECO2001 or ECO2002 if not otherwise used.

Natural and Physical Sciences

Total Credits **3**

Take any CIS, CSC, CWB, MGD, or any GT-SC1 or SC2 course not otherwise used.

Program Requirements

Total Credits **33-35**

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
BUS1016	Personal Finance	3
BUS2017	Business Communication/Report Writing	3
ACC1015	Payroll Accounting	3
ACC1011	Introduction to Financial Accounting	3
And		
ACC1012	Introduction to Managerial Accounting	3
Or		
ACC1021	Accounting Principles I	4
And		
ACC1022	Accounting Principles II	4

Course Number	Course Title	Credits
ACC1032	Tax Help Colorado	2
ACC1033	Tax Help Colorado Practicum	1
ACC2035	Computerized Accounting: Small Business	3
CIS1018	Introduction to PC Applications	3
MAN1028	Human Relation-Organizations	3
BUS2016	Legal Environment of Business	3

Must take an ACC sequence of ACC1011 and ACC1012 or ACC1021 and ACC1022.

Electives

Total Credits **28**

Choose one of the following courses.

Course Number	Course Title	Credits
ECO1001	Economics of Social Issues: GT-SS1	3
ECO2001	Principles of Macroeconomics: GT-SS1	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Choose an additional 9 credits of electives in ACC, BUS, CIS, CSC, CWB, ECO, MAN, MAR, MGD or PHI2005, PHI1012 or another approved course.

Business: Management Emphasis

TOTAL CREDITS **60**

CIP: 520201-520302 | BANNER: BUME

The Associate of Applied Science (A.A.S.) degree in Business/Management is awarded to a student who successfully completes a program with a management emphasis. The business/management programs are designed to aid students in the development of skills, knowledge, and attitudes related to immediate employment in a full-time skilled and/or a paraprofessional business/management occupation.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3
ENG1015	Technical English & Communication	3

Oral Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3-4**

Choose from the list below or any math course MAT1240 or higher.

Course Number	Course Title	Credits
MAT1100	Skilled Trades/Industrial Math	2
MAT1140	Career Math: Program Emphasis	3
MAT1160	Financial Mathematics	3
BUS2026	Business Statistics	3

Arts and Humanities

Total Credits **3**

Take any State Guaranteed Transfer course in ANT, ART, GEO, HIS, HUM, LIT, MUS, PHI, POS, PSY, SPA, SOC or THE. You can also choose MAN1028, ECO1001, ECO2001 or ECO2002 if not otherwise used.

Natural and Physical Sciences

Total Credits **3**

Take any CIS, CSC, CWB, MGD, or GT-SC1 or SC2 course not otherwise used.

Program Requirements

Total Credits **33**

Course Number	Course Title	Credits
<u>ACC1011</u>	Introduction to Financial Accounting	3
And		
<u>ACC1012</u>	Introduction to Managerial Accounting	3
Or		
<u>ACC1021</u>	Accounting Principles I	4
And		
<u>ACC1022</u>	Accounting Principles II	4
<u>BUS1002</u>	Entrepreneurial Operations	3
<u>BUS1015</u>	Introduction to Business	3
<u>BUS2016</u>	Legal Environment of Business	3
<u>BUS2017</u>	Business Communication/Report Writing	3
<u>CIS1018</u>	Introduction to PC Applications	3
<u>MAN2000</u>	Human Resource Management I	3
<u>MAN1028</u>	Human Relation-Organizations	3
<u>MAN2015</u>	Organizational Behavior	3
<u>MAN2026</u>	Principles of Management	3

You must complete an ACC sequence of either ACC1011 and ACC1012 or ACC1021 and ACC1022.

Electives

Total Credits **12**

Choose one of the following courses. Also choose an additional 9 credits of electives from ACC, BUS, CIS, CSC, CWB, ECO, MAN, MAR, MGD prefix or PHI2005, PHI1012 or other approved course.

Course Number	Course Title	Credits
<u>ECO1001</u>	Economics of Social Issues: GT-SS1	3
<u>ECO2001</u>	Principles of Macroeconomics: GT-SS1	3
<u>ECO2002</u>	Principles of Microeconomics: GT-SS1	3

Diesel Technology

TOTAL CREDITS **73**

CIP: 470613 | BANNER: DSL

The Diesel Technology program is a training program which will focus on the service, repair, and maintenance of medium/heavy duty trucks as well as agricultural and industrial equipment. All courses will follow ASE Education standards.

Students will be working on real-world problems to diagnose and repair H/D trucks, agricultural equipment and construction equipment. Students gain the hands-on experience they need to become successful technicians. Only students with a cumulative 2.0 GPA or better at the end of their 2nd semester will be allowed to continue to their 3rd semester. Graduates of the Diesel Technology program will receive either a Northeastern Certificate or an Associate of Applied Science degree.

Fall Freshman YearTotal Credits **19**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
DPM1020	Basic Heavy Duty Electricity	2
DPM1026	Heavy Duty Starting & Charging	3
DPM2006	Heavy Duty Brakes I	3
DPM2007	Heavy Duty Brakes II	3
DPM2009	Heavy Duty Dynamic Braking Systems, ABS, ATC, and ESC	2
REA1030	Applied and Technical Reading	2
MAT1100	Skilled Trades/Industrial Math	2

Spring Freshman YearTotal Credits **21**

Course Number	Course Title	Credits
DPM1022	Hydraulic Systems II	3
DPM1036	Heavy Duty Cab Inspection & Maintenance	2
DPM1192	Hydraulic Systems I	1
DPM2022	Heavy Duty Lighting & Instrumentation	3
DPM2064	Heavy Duty Heating & Ventilation	2
DPM2065	Heavy Duty Air Conditioning Systems Service	3
DPM2191	Heavy Duty Body Electrical Systems	2
ENG1015	Technical English & Communication	3
PHY1030	Physics for CTE Occupations: Auto/Diesel Tech, Wind Tech, Industrial Maint., Agriculture, Welding Tech	2

Fall Sophomore YearTotal Credits **17**

Course Number	Course Title	Credits
DPM1003	Diesel Engines I	4
DPM1004	Diesel Engine Cooling Systems	2
DPM1191	Diesel Fuel Systems	2
DPM2003	Diesel Engines II	4
DPM2010	Diesel Air Induction & Exhaust	2
BUS1002	Entrepreneurial Operations	3

Spring Sophomore YearTotal Credits **16**

Course Number	Course Title	Credits
DPM1005	Heavy Duty Powertrains I	3
DPM1040	Heavy Duty Steering & Suspension I	3
DPM2005	Heavy Duty Powertrains II	3
DPM2040	Heavy Duty Steering & Suspension II	3
MAN1028	Human Relation-Organizations	3
DPM2008	H/D Trans Diagnosis	1

ElectivesTotal Credits **2**

Course Number	Course Title	Credits
ASE1065	Automotive Machining	2

Early Childhood Education

TOTAL CREDITS **69**

CIP: 131210 | BANNER: ECE

For those who want the opportunity to provide a positive influence on the lives of children and their families, early childhood is a fascinating field in which to work. The demand for early childhood educators is great. Because of the large numbers of families in which all adults are employed, trends in the national economy, government priorities for children and their families, and public demand for services this field continues to grow.

The Early Childhood Associate Teacher Program is designed to prepare persons to meet the requirements for a variety of positions within early childhood programs. Upon completion of this degree, individuals will meet the education requirement for Early Childhood Teacher qualification. They will be able to independently implement program activities and will be responsible for the care and education of a group of children.

Individuals will also have the necessary coursework to establish director qualifications and infant toddler nursery supervisor qualification in the State of Colorado after completing the work experience requirement of 400 hours.

Early childhood teachers and directors work in a variety of settings: private and public preschool and child care settings supported and operated by the employer, hospitals, recreation centers, before and after-school programs, Head Start, and other programs serving children birth to age eight. A Northeastern Associate of Applied Science Degree is granted upon completion.

Written Communication

Total Credits **3**

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
Choose one of the following courses.		
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3-4**

Course Number	Course Title	Credits
Choose one of the following courses.		
MAT1140	Career Math: Program Emphasis	3
MAT1160	Financial Mathematics	3
MAT1340	College Algebra: GT-MA1	4
MAT1260	Introduction to Statistics: GT-MA1	3

Program Requirements

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
AST1110	Astronomy with Lab: Planetary Systems: GT-SC1	4
BIO1111	General College Biology I with Lab: GT-SC1	5
CIS1018	Introduction to PC Applications	3
EDU2611	Teaching, Learning & Technology	3
Or another approved Science or Computer Science course.		

Social and Behavioral SciencesTotal Credits **6**

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
Or		
PSY1002	General Psychology II : GT-SS3	3
And		
SOC1001	Introduction to Sociology I: GT-SS3	3

Program RequirementsTotal Credits **51**

Course Number	Course Title	Credits
ECE1011	Introduction to Early Childhood Education	3
ECE1045	Introduction to ECE Techniques	3
ECE1031	Guidance Strategies Young Children	3
ECE1008	Assessment Process in ECE	1
ECE1111	Infant/Toddler Theory/Practice	3
ECE1125	Infant/Toddler Lab Tech	3
ECE2051	ECE Nutrition/Health/Safety	3
ECE2061	Observation and Assessment of Young Children's Development, Learning and Programs	1
ECE2621	Curriculum Methods/Techniques	3
ECE2641	Creativity and the Young Child	3
ECE2651	Early Language and Literacy Development in Young Children	3
ECE2381	ECE Child Growth & Development	3
ECE2401	Administration of ECE Programs	3
ECE2411	Administration: Human Relations ECE	3
ECE2101	Working with Families & Communities	3
ECE2601	The Exceptional Child	3
ECE2088	Practicum: Early Childhood Ed	6
HWE1001	Community First Aid and CPR	1

Emergency Medical ServicesTOTAL CREDITS **60**

CIP: 510904 | BANNER: EMS2

Our EMS degree and certificates prepare a student to go right into the workforce. EMS provides care for persons who are in need of treatment right away. EMS professionals use their skills to stabilize patients and transport them for additional care. Although many college credits within this degree are accepted for transfer by four year colleges, the career focused courses are not designed to transfer.

Essential Functions: The ability to communicate verbally, the ability to lift, care, and balance up to 125 pounds (250 with assistance), the ability to interpret written, oral and diagnostic form instructions, the ability to use good judgment and remain calm in high-stress situations, the ability to work effectively in an environment with loud noises and flashing lights, the ability to calculate weight and volumes ratios and read small print, both under threatening time constraints, the ability to read and understand English language manuals and road maps, to accurately discern street signs and address numbers, the ability to document, in writing, all relevant information in prescribed format in light of legal ramifications of such, the ability to converse in English with coworkers and hospital staff as to status of patient. Good manual dexterity. The ability to bend, stoop, and crawl on uneven terrain, and the ability to withstand varied environmental conditions such as extreme heat, cold, and moisture. The ability to work in low light, confined spaces, and other dangerous environments.

Program RequirementsTotal Credits **6**

Choose two of the following courses.

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3
COM1150	Public Speaking	3

MathematicsTotal Credits **3**

Course Number	Course Title	Credits
MAT1120	Math for Clinical Calculations	3
Or higher Math course.		

Social and Behavioral SciencesTotal Credits **3**

Course Number	Course Title	Credits
PSY1002	General Psychology II : GT-SS3	3

Natural and Physical SciencesTotal Credits **5**

Course Number	Course Title	Credits
BIO1111	General College Biology I with Lab: GT-SC1	5

Program RequirementsTotal Credits **29.5**

Course Number	Course Title	Credits
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
CIS1018	Introduction to PC Applications	3
EMS1021	EMT Fundamentals	3
EMS1022	EMT Medical Emergencies	4
EMS1023	EMT Trauma Emergencies	2
EMS1070	EMT Clinical	1
HPR1011	CPR Professionals	0.5
PSY2440	Human Growth & Development: GT-SS3	3
PSY2441	Child Development: GT-SS3	3
HPR1039	Medical Terminology	2

ElectivesTotal Credits **13.5**

Below are the recommended elective courses for this emphasis. Consult with a Northeastern Advisor about additional approved electives.

Course Number	Course Title	Credits
ACC1001	Fundamentals of Accounting	3
BUS2016	Legal Environment of Business	3
BUS2017	Business Communication/Report Writing	3
FST1007	HazMat Operations (Level I)	3
HWE1050	Human Nutrition	3
HWE1003	Mental Health First Aid	1
MAN1028	Human Relation-Organizations	3
SOC1001	Introduction to Sociology I: GT-SS3	3

***Please Note:** Students may also choose any GT Pathways course.

Equine Business Management

TOTAL CREDITS 60

CIP: 010507 | BANNER: EQBM

Students enrolled in this program show an interest in the organizational, managerial, and commercial aspects of the equine industry; as well as students interested in advanced performance horse care, equine reproduction, instruction and stable management.

The variety of courses focusing on business management provide students with the skills and knowledge to pursue in either a hands-on or support sector position in the equine industry, pursue a career in business or to pursue an advanced degree.

Program Learning Outcomes:

- Students should be able to understand the terminology associated with the western horse. This includes but not limited to: common names of equine body parts, common names of tack, and commonly accepted horse training terminology.
- Students will be able to understand normal horse health, body condition, normal vital signs, common unsoundness, common illness, normal preventative healthcare and nutrition. This includes procedure for feeding appropriate volumes of forage, concentrates and water required by the horse.
- Students will be able to understand common industry accepted equine reproduction techniques, practices, and terminology.
- Student will be able to understand basic and common equine business practices, including but not limited to: creating a business plan, creating a marketing plan, creating cover letters and resumes as well as understand the economic impact of the horse industry in the United States and World Wide.
- Students will properly communicate the above terminology and skills in a professional manner.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3

Oral Communication

Total Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

Mathematics

Total Credits **3**

Choose MAT1140 or higher Math Course.

Course Number	Course Title	Credits
MAT1140	Career Math: Program Emphasis	3

Preference for MAT1140- Agriculture Emphasis

Science or Computer Science

Total Credits **3**

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3

Social and Behavioral Sciences

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
AGB1002	Foundations of Agricultural business	3
Or		
AGE1102	Agriculture Economics: GT-SS1	3

Program Requirements

Total Credits **31**

Course Number	Course Title	Credits
AGB1020	Agricultural Salesmanship	3
AGB2018	Computerized Farm Records	3
AGB2028	Agribusiness Management	3
AGE2108	Agricultural Finance	3
ASC1102	Introduction to Equine Science	4
ASC2125	Feeds and Feeding	4
CIS1018	Introduction to PC Applications	3
EQM1058	Equine Reproduction	2
EQM2010	Equine Health	2
EQM2011	Equine Health Lab	1

Electives

Total Credits **14**

Minimum of 14 credits of elective courses are required. All elective courses must be approved by NJC Academic Advisor or Program Coordinator. Courses in the following disciplines (Prefixes) are preferred: ACC, AGB, AGE, AGP, AGR, AGY, AME, ASC, BUS, CIS, EQM, EQT, JOU, MAN, MAR, MGD, or RAM. Other related courses must be approved by NJC Academic Advisor or Program Coordinator.

Equine Skill Requirement: The student must demonstrate a minimum skill level in handling or riding horses.

***Please Note:** There are two methods to complete the requirement:

1. Prior equine skill experience. The student may submit documentation of prior experience involving handling, training, riding or care of horses. Previous experience must be approved by advisor or program coordinator. See advisor or program coordinator for information.
2. Course work involving skills in horse handling, riding or training or courses designed for preparation in competitive equine events such as rodeo or versatility ranch horse. Courses must be approved by advisor or program coordinator. Credits for these courses can be applied to the program electives.

Equine Management

TOTAL CREDITS **71.5**

CIP: 010507 | BANNER: EQM

The equine industry in the United States is a growing, dynamic sector of agriculture with a broad spectrum of jobs expanding within the industry. The Equine Management program is designed to provide the students with the basic skills and background knowledge necessary for entry level employment as trainers and assistant trainers in the horse industry.

Students applying to the program must go through an oral interview and a practical riding test before admission to the program is granted. These are scheduled between November and March of the year prior to admission into the program. We suggest that the prospective students apply to Northeastern Junior College first, and then try to schedule a campus visit along with their interview and riding test.

In Northeastern's horse training portion of the program, freshman students are assigned young horses that have already been started. Many of these horses have already been through our colt starting class here at Northeastern. The second semester of the freshman year and both semesters of the sophomore year, students will start and train a young horse themselves. These young horses are sent to us from a large geographic area as well as members of our local community. We treat our program as if it were a training facility. Our students are responsible for general care of their assigned horses on a daily basis including billing and any health care that is necessary. We are proud of the great reputation of our colt starting program. This reputation allows us to continually provide quality horses for our students to advance their skills.

Our two year program provides students access to the business, economic, technical and general education classes necessary to become competent managers. Practical experience is provided in many of the classes as well as the internship portion of the program.

It is very important to us here at NJC that we provide a positive internship experience. We try to direct our students to an internship sponsor with a great history and a strong background working with students. In many cases these internship opportunities result in long-term employment.

For more information contact: Cole Briggs - cole.briggs@njc.edu or 970-521-6785.

Program Learning Outcomes:

- Students will understand appropriate tools, tack and attire associated with the western horse training industry.
- Students will understand industry accepted methods of ground work with horses, including but not limited to: catching, haltering, leading, longeing, and grooming.
- Students will understand industry accepted methods of saddling, mounting and riding young horses within the first 90 days of training. This includes, but is not limited to: commonly accepted drills related to training horses with a western riding foundation.
- Students should be able to understand the terminology associated with the western horse. This includes but not limited to: common names of equine body parts, common names of tack, and commonly accepted horse training terminology.
- Students will be able to understand normal horse health, body condition, normal vital signs, common unsoundness, common illness, normal preventative healthcare and nutrition. This includes procedure for feeding appropriate volumes of forage, concentrates and water required by the horse.
- Students will be able to understand common industry accepted equine reproduction techniques, practices, and terminology.
- Student will be able to understand basic and common equine business practices, including but not limited to: creating a business plan, creating a marketing plan, creating cover letters and resumes as well as understand the economic impact of the horse industry in the United States and World Wide.
- Students will properly communicate the above terminology and skills in a professional manner.

Fall Freshman Year

Total Credits **16**

Course Number	Course Title	Credits
ASC1102	Introduction to Equine Science	4
ENG1015	Technical English & Communication	3
EQM1001	Stable Operations I	1
EQT1001	Introduction to Horse Training	5
MAT1140	Career Math: Program Emphasis	3

Choose MAT1140 or higher Math course and Choose ENG1015 or higher English course.

Spring Freshman Year

Total Credits **15**

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
EQM1002	Stable Operations II	1
EQM1058	Equine Reproduction	2
EQT1002	Beginning Colt Training	6

Course Number	Course Title	Credits
Choose one of the following courses.		
AGB1002	Foundations of Agricultural business	3
AGE1102	Agriculture Economics: GT-SS1	3

Fall Sophomore Year

Total Credits **17**

Course Number	Course Title	Credits
AGB2028	Agribusiness Management	3
ASC2125	Feeds and Feeding	4
EQM2010	Equine Health	2
EQM2011	Equine Health Lab	1
EQM2001	Stable Operations III	1
EQT2001	Intermediate Colt Training	6

Spring Sophomore Year

Total Credits **15.5**

Course Number	Course Title	Credits
AGB2018	Computerized Farm Records	3
AME1005	Basic Ag Mechanic Skills	2
EQM2002	Stable Operations IV	1
EQM2089	Equine Management Capstone	0.5
EQT2002	Advanced Colt Training	6
MAN2005	Event Planning: Equine	3

Summer Term

Total Credits **8**

Course Number	Course Title	Credits
EQM2080	Equine Internship	8

Electives

There are no electives for this degree. Students may choose to take additional courses in Rodeo, Ranch Horse Versatility, and Western Equitation to gain additional experiences or to prepare for a competitive team.

Fire Science Technologies

TOTAL CREDITS **60.5**

CIP: 430203 | BANNER: FIRE

Fire Science Technology is the study of:

- The physical properties of Fire
- Strategy and tactics of fire suppression and prevention
- Life Safety Engineering
- Fire Administration
- Fire and Public Education
- Hazardous Materials Handling, Response and Transportation
- Arson Investigation
- Emergency Medical Response and Transportation
- Disaster Management, Pre-planning and Recovery

The specialized knowledge gained through an education in fire science equips first responders with the skills and mental tools to effectively save lives and protect property and the environment. Careers in emergency services require courage, endurance, integrity and the ability to make good and quick decisions in emergencies. Teamwork is necessary to safely solve an emergency situation.

The qualities of hard work and self-discipline must be quickly mastered through both online and traditional learning opportunities. You will take these characteristics from the classroom to the fire station and throughout your life.

You may find through your training experience that you have a desire to follow other career paths within the emergency services profession. Some of the exciting careers include:

- Firefighter
- Fire Investigator
- Special Rescue and Tactics Technician
- Fire Administration Manager/Chief
- Environmental Crimes Investigator
- Public Education Specialist
- Hazardous Materials Technician/Coordinator
- Industrial Safety Officer
- FEMA Response Agent
- Emergency Manager
- Paramedic

In order to provide the best services and-marketability, it is our desire to graduate students with the following state certifications:

- Fire Fighter I
- Hazardous Materials Operations Level
- Wildland Fire Fighter (Red Card)
- Emergency Medical Technician Basic

Essential Functions:

- Able to communicate effectively in English, both verbally and in writing
- Lift and carry 50 to 100 pounds
- Stand, walk on rough ground or uneven surfaces, run, balance, twist or turn, reach, pull, climb stairs and ladders, work at heights, balance, bend/stoop, crouch/squat, crawl/kneel, etc.
- Able to see near and far

Written Communication

Total Credits **3**

Choose one of the following courses

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3

Mathematics

Total Credits **3**

Choose MAT1120 or higher Math Course. All credits over 3 apply to electives.

Course Number	Course Title	Credits
MAT1120	Math for Clinical Calculations	3

Natural and Physical Sciences

Total Credits **4**

Course Number	Course Title	Credits
BIO1004	Biology: A Human Approach: GT-SC1	4

Social and Behavioral Sciences

Total Credits **3**

Course Number	Course Title	Credits
PSY1002	General Psychology II: GT-SS3	3

Program RequirementsTotal Credits **34.5**

Course Number	Course Title	Credits
FST1000	Firefighter I	9
FST1002	Principles/Emergency Services	3
FST1005	Building Construction for Fire	3
FST1007	HazMat Operations (Level I)	3
FST1010	Job Placement and Assessment	3
FST1028	Vehicle Extrication Tech	3
FST2002	Strategy & Tactics	3
FST2009	Fire Protection Systems	3
FSW1000	S-190 Introduction to Wildland Fire	1
FSW1001	S-130 Firefighting Training	2
HPR1011	CPR Professionals	0.5
PED1001	Conditioning Lab	1

ElectivesTotal Credits **13**

Select a minimum of 13 elective credits from the list below. Students may also choose any GT course, FST, or FSW prefix course.

Course Number	Course Title	Credits
EMS1015	Emergency Medical Responder	3
EMS1021	EMT Fundamentals	3
EMS1022	EMT Medical Emergencies	4
EMS1023	EMT Trauma Emergencies	2
EMS1030	EMT Intravenous Therapy	2
EMS1132	EMS Intravenous-Intraosseous Therapy	2
EMS1070	EMT Clinical	1
CIS1018	Introduction to PC Applications	3
HWE1003	Mental Health First Aid	1
REA1030	Applied and Technical Reading	2

Please Note: Students interested in a fire career that incorporates Emergency Medical Technician-Paramedic level work must successfully complete both Anatomy & Physiology I and II ([BIO2101](#) and [BIO2102](#)) courses.

Industrial AutomationTOTAL CREDITS **60**

CIP: 150499 | BANNER: WETA

The Industrial Automation Associate of Applied Science degree includes stackable certificates including the Wind Technician, Industrial Safety, Industrial Maintenance, Industrial Electricity, and Industrial Controls certificates. The degree prepares students for careers in industries that range from food processing, material handling, process control, and advanced manufacturing with jobs that range from Quality Control Technician, Industrial Electrician, or PLC Technician.

Industries such as power generation, advanced manufacturing, and material handling are just a few that rely heavily on automated systems and machines. This trend will continue to grow as the cost to automate a process continues to fall. There is a large need for trained technicians in the industry that can keep up with the changing technology in these fields.

Students will complete their OSHA 10 Hour Construction Safety & Health, Climbing and Rescue, Rigging-Signal Person, and CPR certifications in their first year in the program. Students will become proficient with electrical, hydraulic, and mechanical systems.

Students will have the opportunity to build, troubleshoot, and repair combined electrical-mechanical-hydraulic systems that are found in industrial facilities. Students will learn to program and integrate various controllers to create automated equipment that is found in advanced manufacturing, material processing, and material handling.

There is a strong emphasis on safety throughout the program. The student will learn how to identify hazards in the work environment and take steps to eliminate or reduce the risk that exists.

Technicians typically work with combined mechanical, hydraulic, pneumatic, and electrical equipment. Most technicians are required to work with limited supervision so a strong work ethic and technical competence are highly sought qualities of entry-level employees.

Fall Freshman Year

Total Credits **17**

Course Number	Course Title	Credits
EIC1101	Job Training and Safety	3
IMA1700	Introduction to Industrial Maintenance	3
IMA1500	Industrial Rotating Equipment	3
IMA1400	Basic Fluid Power	3
MAT1140	Career Math: Program Emphasis	3
Choose a 2 credit WEL course.		

Spring Freshman Year

Total Credits **20**

Course Number	Course Title	Credits
ELT1206	Fundamentals of DC/AC	4
ELT2252	Motors & Controls	3
WTG1010	Wind Turbine Generator Power & Control Systems	3
MIL1001	Lifting Devices	1
HWE1001	Community First Aid and CPR	1
WTG2089	Wind Technician Capstone	2
ENG1015	Technical English & Communication	3
CIS1018	Introduction to PC Applications	3

Summer Term

Total Credits **4**

Course Number	Course Title	Credits
WTG2620	Wind Turbine Generator Troubleshooting & Repair	4

Fall Sophomore Year

Total Credits **16**

Course Number	Course Title	Credits
ELT2358	Programmable Logic Controllers	3
ELT2359	Advanced Programmable Logic Control	3
EIC2320	Industrial Electrical Controls I	4
COM1150	Public Speaking	3
MAN1028	Human Relation-Organizations	3

Program Requirements

Total Credits **3**

Choose one of the following courses, 3 credits minimum.

Course Number	Course Title	Credits
EMS1015	Emergency Medical Responder	3
MAN2026	Principles of Management	3
OR Choose 3 Credits of WEL Courses		

LPN to Associate Advanced Placement Option

TOTAL CREDITS **70.5**

CIP: 513801 | BANNER: LPN TO ADN

LPNs who desire to further their education can enter the second year of the ADN program after completing NUR2002. Transition from LPN to ADN (3 credits) course. After successful completion of the 2nd year, a block of 21 credits are transferred in from the student's practical nursing certificate for a total of 70.5 credits. These students are eligible to take the NCLEX-RN (nursing state board exam) to become a Registered Nurse (RN).

A student who wishes to enter the second year of the associate degree program must be a LPN in good standing and have all the prerequisites and general education requirements satisfactorily completed. Students who graduated from a practical nursing program three or more years ago have additional requirements for entry as part of the Colorado Articulation Agreement. **Contact the nursing department for more information: 970-521-6701**

Prerequisites

Total Credits **25-27**

Take 3 credit elective of Social and Behavioral Science

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
HPR1010	Dietary Nutrition	1
Or		
HWE1050	Human Nutrition	3
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
PSY2440	Human Growth & Development: GT-SS3	3
BIO2116	Human Pathophysiology	4
MAT1120	Math for Clinical Calculations	3

***Please Note:** All Biology (BIO) prefixes and or science courses are valid for seven years from the time of the completion to the start of the LPN to ADN program. Colorado Community College requires BIO 1010 as prerequisite to BIO 2101

Summer Term

Total Credits **3**

Course Number	Course Title	Credits
NUR2002	Transition from LPN to ADN	3

Fall Second Year

Total Credits **12.5**

Course Number	Course Title	Credits
NUR2006	Advanced Concepts of Medical Surgical Nursing I	6.5
NUR2011	Psychiatric-Mental Health NSG	4
NUR2012	Pharmacology II	2

Spring Second Year

Total Credits **9**

Course Number	Course Title	Credits
NUR2016	Advanced Concepts of Medical Surgical Nursing II	5
NUR2030	Transition to Professional NSG	4



Production Agriculture

TOTAL CREDITS **68**

CIP: 010301 | BANNER: PRAG

This program is designed to provide students with the necessary management and production skills required in the field of production agriculture today. Students seeking an occupation in farming or ranching will be able to pursue a variety of skills and competencies necessary to meet their individual occupational objective. This program requires 60 credits of course work and at least eight credits of required internship(s) for a total of at least 68 credits.

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3

Mathematics

Total Credits **3-4**

Course Number	Course Title	Credits
MAT1140	Career Math: Program Emphasis	3

Ag emphasis Career Math preferred or Higher Math Course.

Science or Computer Science

Total Credits **10**

Course Number	Course Title	Credits
ASC1100	Animal Sciences	3
CIS1018	Introduction to PC Applications	3
Choose one of the following courses.		
AGP1000	Practical Crop Production	4
AGY1100	General Crop Production	4

Social and Behavioral Sciences

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
AGB1002	Foundations of Agricultural business	3
Or		
AGE1102	Agriculture Economics: GT-SS1	3

Program Requirements

Total Credits **19**

Course Number	Course Title	Credits
AGB2018	Computerized Farm Records	3
AGE2105	Farm and Ranch Management	3
AGP1080	Production Ag Internship	8
AGP2089	Production Ag Capstone	1
ASC2125	Feeds and Feeding	4

Program Requirements

Total Credits **2-3**

Choose at least one of the following AME courses.

Course Number	Course Title	Credits
AME1005	Basic Ag Mechanic Skills	2
AME1018	Farm Carpentry	3
AME1025	Agricultural Machinery	3

Course Number	Course Title	Credits
AME1051	Fundamentals of Welding	3

***Please Note:** Students must choose at least one of the courses but may use additional AME courses to fulfill the electives requirement.

Electives

Total Credits **27-28**

Elective courses may be taken from any of the following course disciplines (prefixes): ACC, ABM, AGB, AGE, AGP, AGR, AGY, AME, ASC, AVT, BUS, DPM, EQM, EQT, HLT, IMA, MAN, MAR, RAM or WEL. Other courses may be approved by the Academic Advisor for use as elective(s).

Choose a minimum of 27 to 28 credits of elective courses. There are a total of 68 credits (minimum) for this degree including 60 credits of course work and the 8 credit Internship. Students must complete an internship in a production agriculture setting with a minimum of 320 hours of work experience.

Welding Technology

TOTAL CREDITS **61**

CIP: 480508 | BANNER: WELZ

Welding is a common process used in the manufacturing and construction industries as well as in repair work. Many welders are certified in one or more welding techniques such as stick welding, MIG welding, and TIG welding. Welders are frequently employed in the shipbuilding, automobile, and aerospace industries.

Welders also join beams and girders and the like in commercial and residential construction. They may work on pipelines or help construct and maintain power plants and refineries.

Some welders prefer to start their own business or go on the road with a welding truck and work on pipelines and other large construction projects. Some welders operate welding machines instead of welding by hand. Welding machine operators are in great demand as they have knowledge of various welding techniques and how to operate industrial welding equipment.

Most Welding courses are 5 weeks long. Students can start at any of the 5 week start dates in the fall or spring semester while pursuing a welding certificate or degree. There is a pathway for full-time and part time students to satisfy their career goals.

Concurrent enrollment of high school juniors and seniors is encouraged. Students can earn welding certificates while still in high school. Interested students should work with their counselor to plan ahead and include the courses in their ICAP.

Fall Freshman Year

Total Credits **14**

Course Number	Course Title	Credits
WEL1000	Safety for Welders	1
WEL1006	Blueprint Read-Welders/Fitters	4
WEL1013	Oxyfuel and Plasma Cutting	2
WEL1026	GMAW (MIG) Steel I	2
WEL2026	GMAW (MIG) Steel II	2
MAT1140	Career Math: Program Emphasis	3

Spring Freshman Year

Total Credits **16**

Course Number	Course Title	Credits
WEL1016	SMAW Flat & Horizontal	2
WEL1017	SMAW Vertical	2
WEL1018	SMAW Overhead	2
WEL2016	SMAW Pipe I	2

Course Number	Course Title	Credits
WEL2017	SMAW Pipe II	2
WEL2052	FCAW Flat & Vertical	2
HWE1001	Community First Aid and CPR	1
ENG1015	Technical English & Communication	3

Fall Sophomore Year

Total Credits **14**

Course Number	Course Title	Credits
WEL1014	Oxyacetylene Welding	2
WEL2060	GTAW Stainless & Aluminum I	2
WEL1064	GTAW Steel I	2
WEL1065	GTAW (TIG) Steel II	2
CIS1018	Introduction to PC Applications	3
COM1150	Public Speaking	3

Spring Sophomore Year

Total Credits **12**

Course Number	Course Title	Credits
WEL1050	American Welding Society Qualification Testing	1
WEL2051	Design, Layout and Fabrication	4
WEL2063	Applied Metal Properties	4
MAN1028	Human Relation-Organizations	3

Electives

Total Credits **1**

Course Number	Course Title	Credits
MIL1001	Lifting Devices	1



Certificate in Career and Technical Education Programs

A Certificate is awarded to a student who successfully completes a career and technical education program not leading to an Associate of Applied Science degree (A.A.S.). Normally these programs are two years, one year, or less in duration. These programs are designed primarily to prepare students for immediate employment. Depending on the program, some general education or related coursework may be required. Students are encouraged to supplement their career and technical training with at least two additional approved general education courses. Course requirements for various certificate programs are outlined in this catalog in the Career and Technical Education section.

Graduation Requirements and Policies (Certificate)

1. Complete the minimum semester credits required for the program as outlined in the college catalog.
2. Complete general education requirements (if any).
3. Earn a minimum cumulative grade point average of 2.0 (a “C” average). Earn 25% of the semester credits of the program’s coursework through Northeastern.
4. File an Application for Graduation at: [Application for Graduation](#).
5. Resolve all financial obligations to the college and return all library and college materials.

Accounting Technician I

TOTAL CREDITS 18

CIP: 520302 | BANNER: C1AC

Program Requirements

Total Credits **18**

A sequence of ACC courses must be completed, either ACC 1011 and ACC 1012 or ACC 1021 and ACC 1022.

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
ACC1015	Payroll Accounting	3
ACC1011	Introduction to Financial Accounting	3
And		
ACC1012	Introduction to Managerial Accounting	3
Or		
ACC1021	Accounting Principles I	4
And		
ACC1022	Accounting Principles II	4
ACC2035	Computerized Accounting: Small Business	3
CIS1018	Introduction to PC Applications	3

Accounting Technician II

TOTAL CREDITS 45

CIP: 520302 | BANNER: C2AC

Program Requirements

Total Credits **33**

An ACC sequence of either ACC 1011 and ACC 1012 or ACC 1021 and ACC 1022 must be completed.

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
BUS2016	Legal Environment of Business	3
BUS2017	Business Communication/Report Writing	3
ACC1015	Payroll Accounting	3
ACC1011	Introduction to Financial Accounting	3
And		
ACC1012	Introduction to Managerial Accounting	3
Or		
ACC1021	Accounting Principles I	4
And		
ACC1022	Accounting Principles II	4
ACC2035	Computerized Accounting: Small Business	3
ACC1032	Tax Help Colorado	2
ACC1033	Tax Help Colorado Practicum	1

Course Number	Course Title	Credits
CIS1018	Introduction to PC Applications	3
MAN1028	Human Relation-Organizations	3
BUS1016	Personal Finance	3

Electives

Total Credits **12**

Below are the recommended courses for this Certificate. Choose an additional 9 credits from any ACC, BUS, CIS, CSC, CWB, ECO, MAN, MAR, MGD prefix, PHI 1012 or PHI 2005 courses.

Course Number	Course Title	Credits
ECO1001	Economics of Social Issues: GT-SS1	3
ECO2001	Principles of Macroeconomics: GT-SS1	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Advanced Agriculture Business Management

TOTAL CREDITS **18**

CIP: 010102-010101 | BANNER: AABM

The Advanced Ag Business Management Certificate focuses on in-depth financial analysis of the business and measuring the past and present performance of the agriculture operation. Potential products to be completed in this certificate program include, but are not limited to, an expanded trend analysis, pro-forma statements, alternative enterprise budgets, revised components of the business plan, risk management plan, and a critical issues list.

Program Learning Outcomes:

- Prepare financial documents, including but not limited to; a statement of owner's equity, statement of cash flow and Pro-forma financial statements.
- Complete an expanded trend analysis.
- Create and implement a risk management plan.
- Maintain and refine their computerized record-keeping system.

Program Requirements

Total Credits **18**

Course Number	Course Title	Credits
ABM2013	Advanced Business Management I	3
ABM2014	Advanced Business Management II	3
ABM2015	Advanced Business Management III	3
ABM2016	Advanced Business Management IV	3
ABM2017	Advanced Business Management V	3
ABM2018	Advance Business Management VI	3

Advanced Automotive Electrical

TOTAL CREDITS **10**

CIP: 470604 | BANNER: AB7

Program Requirements

Total Credits **10**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE2035	Drivability & Diagnosis	2
ASE2191	Automotive and Diesel Body Electrical	3
ASE2192	Automotive Computers and Ignition Systems	3

AG Power Equipment Repair

TOTAL CREDITS 26

CIP: 470613 | BANNER:

The AG power equipment certificate allows the student to complete the required basic technical training needed in agriculture equipment service and repair while completing a sponsoring company's specific training/certifications and internships. Upon successful completion of all required training courses and internship(s), the student will have the opportunity to become a full time employee with the sponsoring company.

Training in this certificate will be completed using the sponsors equipment makes, models, and tools supplied by the company. Students registering for this certificate must be sponsored by an approved agriculture dealership or repair company (**Example: 21ST Century Equipment- John Deere**).

Program Requirements

Total Credits **24**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
ASE1030	General Engine Diagnosis	2
ASE1060	Automotive Engine Repair	2
DPM1026	Heavy Duty Starting & Charging	3
ASE1022	Automotive Electrical Safety Systems	1
DPM1020	Basic Heavy Duty Electricity	2
DPM1192	Hydraulic Systems I	1
DPM1022	Hydraulic Systems II	3
ASE1050	Manual Drive Trans & Axle Maintenance	2
DPM2065	Heavy Duty Air Conditioning Systems Service	3
DPM2022	Heavy Duty Lighting & Instrumentation	3

Mathematics

Total Credits **2**

Course Number	Course Title	Credits
MAT1100	Skilled Trades/Industrial Math	2

Agri-business

TOTAL CREDITS 38

CIP: 010101 | BANNER: AGB1

Agribusiness is broad program that prepares the student to enter careers in the many allied industries that support production agriculture. Career opportunities exist in agricultural inputs such as seed, feed, fertilizer, equipment, genetics, animal health products, technology, and other services that support the production of crops and livestock. Agriculture finance, marketing, consulting, agronomy services, crop input application, retail sales, and precision agriculture are among the many other career opportunities for successful graduates of the program.

The program offers students the flexibility to specialize in an agricultural discipline such as agronomy or livestock production or to build a diversified set of skills in multiple aspects of agribusiness. This flexibility allows the student to customize their program of study based on individual career goals.

The Agribusiness program at Northeastern is designed for a student who plans on going directly into the industry after completion and is not intended to transfer to a four-year institution. Program requirements consists of coursework (30 credits) an industry work experience internship (8 credits) for a total of 38 credits.

Program RequirementsTotal Credits **8**

Course Number	Course Title	Credits
AGB1080	Agricultural Business Internship I	8

Student must complete an internship in an agriculture business with a minimum of 320 hours of work experience.

ElectivesTotal Credits **30**

Choose a minimum of 30 credits of elective courses. There are a total of 38 credits (minimum) for this certificate including the 8 credit Internship. Elective courses may be taken from any of the following course disciplines (prefixes): ACC, ABM, AGB, AGE, AGP, AGR, AGY, AME, ASC, AVT, CIS, BUS, DPM, EQM, EQT, HLT, IMA, MAN, MAR, RAM, or WEL. Other courses may be approved by the Academic Advisor for use as elective(s).

Agriculture Business Records and Business PlanningTOTAL CREDITS **18**

CIP: 010106-010101 | BANNER: ABMS

The Records and Business Planning certificate focuses on helping students master computerized record-keeping and begin to develop a business plan. Potential products completed in this certificate program include, but are not limited to, a balance sheet, chart of accounts, business goals, personal goals, amortization schedules, cash income statements, and a SWOT analysis.

Program Learning Outcomes:

- Develop a computerized record-keeping system.
- Understand the components of the business plan.
- Read and understand the information contained within financial reports.

Program RequirementsTotal Credits **18**

Course Number	Course Title	Credits
ABM1003	Records & Business Planning I	3
ABM1004	Records & Business Planning II	3
ABM1005	Records & Business Plan III	3
ABM1006	Records & Business Planning IV	3
ABM1007	Records & Business Planning V	3
ABM1008	Records & Business Planning VI	3

Agriculture Commodity MarketingTOTAL CREDITS **18**

CIP: 010105-010101 | BANNER: ABM3

The Commodity Marketing Certificate introduces you to commodity marketing and teaches you to utilize a defined, written marketing plan. Potential products completed in this certificate program include, but are not limited to, a list of marketing strategies, basis schedules, field tracking systems, marketing plans, and production databases.

Program Learning Outcomes:

- Analyze price behavior using technical analysis and fundamental analysis.
- Complete the final steps in the development of a marketing plan.
- Develop a cost-of-production database.
- Maintain and refine their computerized record-keeping system.

Program RequirementsTotal Credits **18**

Course Number	Course Title	Credits
ABM1023	Commodity Marketing I	3
ABM1024	Commodity Marketing II	3
ABM1025	Commodity Marketing III	3
ABM1026	Commodity Marketing IV	3
ABM1027	Commodity Marketing V	3
ABM1028	Commodity Marketing VI	3

Agriculture Financial AnalysisTOTAL CREDITS **18**

CIP: 010104-010101 | BANNER: ABMF

The Financial Analysis Certificate focuses on developing financial statements and understanding financial ratios as they relate to the agricultural business. Potential products completed in this certificate program include, but are not limited to, a cash flow, enterprise budgets, accrual market balance sheet, accrual income statement, financial ratios, and a historical comparison report.

Program Learning Outcomes:

- Prepare financial planning documents such as enterprise budgets and cash flow statements.
- Understand and implement accrual accounting into their own businesses.
- Maintain and refine their computerized record-keeping system.

Program RequirementsTotal Credits **18**

Course Number	Course Title	Credits
ABM1013	Financial Analysis I	3
ABM1014	Financial Analysis II	3
ABM1015	Financial Analysis III	3
ABM1016	Financial Analysis IV	3
ABM1017	Financial Analysis V	3
ABM1018	Financial Analysis VI	3

Agriculture Market Plan DevelopmentTOTAL CREDITS **18**

CIP: 010105-010101 | BANNER: ABMI

The Market Plan Development Certificate is designed for students who want to continue with the option of completing a market plan in a specific area. Potential products to be completed in this certificate program include, but are not limited to, product/service analysis, competitive analysis, target market list, price template, breakeven template, promotional strategy, decision aid tool list and a market plan.

Program Learning Outcomes:

- Complete a market plan for their business, including but not limited to product/service analysis, target market analysis and competitive analysis.
- Review and maintain current system to established trends.
- Maintain and refine their computerized record-keeping system.

Program RequirementsTotal Credits **18**

Course Number	Course Title	Credits
ABM1063	Marketing Plan Development I	3
ABM1064	Marketing Plan Development II	3
ABM1065	Marketing Plan Development III	3
ABM1066	Marketing Plan Development IV	3
ABM1067	Marketing Plan Development V	3
ABM1068	Marketing Plan Development VI	3

Agriculture Profit MaximizationTOTAL CREDITS **18**

CIP: 010102-010101 | BANNER: ABPM

The Profit Maximization Certificate focuses on basic economic concepts that enhance the financial success of an agriculture operation. Potential products to be completed in this certificate include, but are not limited to, a major business structure list, Schedule F tax schedule, enterprise production function, supply/demand graph, and a market price equilibrium graph.

Program Learning Outcomes:

- Understand the difference between the major business structures.
- Prepare Schedule F tax schedule using financial data.
- Determine enterprise production functions for their enterprises and use this information to determine profit-maximizing levels of input and output use.
- Demonstrate using supply/demand graphs to determine equilibrium prices for products/services.

Program RequirementsTotal Credits **18**

Course Number	Course Title	Credits
ABM2033	Profit Maximization I	3
ABM2034	Profit Maximization II	3
ABM2035	Profit Maximization III	3
ABM2036	Profit Maximization IV	3
ABM2037	Profit Maximization V	3
ABM2038	Profit Maximization VI	3

Automatic Transmission ServiceTOTAL CREDITS **8**

CIP: 470604 | BANNER: AB5

Program RequirementsTotal Credits **8**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE2050	Automatic Transmission/Transaxle Service	1
ASE2051	Automatic Transmission/Transaxle Repair	3
ASE2052	Advanced Automatic Transmission/Transaxle O/H	2

Automotive & Diesel Master Technician

CIP: 470604 | BANNER: AUTX

Upon successful completion of all required courses in the Automotive Technology or in the Diesel Technology A.A.S. degree a student may pursue an Automotive & Diesel Master Technician Certificate.

The Automotive & Diesel Master Technician (ADMT) Certificate will provide Auto Tech and Diesel Tech students with the opportunity to supplement and enhance their technical skills with courses specific to the auto or diesel tech program in which they did not earn their degree-certificate. To earn an ADMT certificate an Auto Tech graduate will take certain diesel tech courses and a Diesel Tech graduate will take certain auto tech courses. Students completing this additional coursework will have a wide array of employment opportunities.

Currently there are many employment opportunities in both the automotive and diesel areas that are going unfilled due to a lack of qualified personnel. The Automotive & Diesel Master Technician Certificate will also provide graduates who wish to become entrepreneurs a much broader foundation on which to build an automotive and/or diesel repair business.

Program Requirements

Total Credits **26**

Certificate Requirements for an Auto Tech graduate (AUTX)

- Minimum of 20 credits of Diesel Power Mechanics (DPM) course work and (6) general education credits from ACC, BUS, CWB, MAN or MAR.

Certificate Requirements for a Diesel Tech graduate (DSL4)

- Minimum of 20 credits of Automotive Service Technology (ASE) course work and (6) general education credits from ACC, BUS, CWB, MAN or MAR.

Automotive Brake Systems

TOTAL CREDITS 8

CIP: 470604 | BANNER: ABI

Program Requirements

Total Credits **8**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE1010	Automotive Brake Service I	2
ASE1011	Automotive Brake Service II	2
ASE2010	Automotive Power & ABS Brake Systems	2

Automotive Drivability & Emissions

TOTAL CREDITS 12

CIP: 470604 | BANNER: DREM

Program Requirements

Total Credits **12**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE1034	Automotive Fuel & Emissions Systems I	2
ASE2035	Drivability & Diagnosis	2
ASE2192	Automotive Computers and Ignition Systems	3
ASE2193	Auto Fuel Injection and Emissions Systems II	3

Automotive Electrical

TOTAL CREDITS 7

CIP: 470604 | BANNER: AB6

Program Requirements

Total Credits **7**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE1020	Basic Automotive Electricity	2
ASE1022	Automotive Electrical Safety Systems	1
ASE1023	Starting & Charging Systems	2

Automotive Engines

TOTAL CREDITS 14

CIP: 470604 | BANNER: AB4

Program Requirements

Total Credits **14**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE1030	General Engine Diagnosis	2
ASE1060	Automotive Engine Repair	2
ASE1062	Automotive Engine Service Repair	2
ASE1091	Automotive Engine Repair & Rebuild	4
ASE1065	Automotive Machining	2

Automotive Heating & Air Conditioning

TOTAL CREDITS 6

CIP: 470604 | BANNER: AB

Program Requirements

Total Credits **6**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE2064	Introduction to Automotive Heating and Air Conditioning	1
ASE2095	Heating and Air Conditioning Systems	3

Automotive Maintenance and Inspection

TOTAL CREDITS 6

CIP: 470604 | BANNER: AMI

Program Requirements

Total Credits **6**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE1003	Auto Maintenance I	2
ASE1050	Manual Drive Trans & Axle Maintenance	2

Automotive Manual Powertrains & Clutches

TOTAL CREDITS 9

CIP: 470604 | BANNER: AB2

Program Requirements

Total Credits **9**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE1050	Manual Drive Trans & Axle Maintenance	2
ASE1051	Automotive Manual Transmission/Transaxles & Clutches I	2
ASE1092	Manual Transmission, Transaxles and Clutches II	3

Automotive Steering & Suspension

TOTAL CREDITS 9

CIP: 470604 | BANNER: AB8

Program Requirements

Total Credits **9**

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
ASE1040	Suspension & Steering I	2
ASE1041	Suspension & Steering II	2
ASE2194	Suspension & Steering III	3

Barber Crossover Certificate

TOTAL CREDITS 13

CIP: 120402 | BANNER:

The Barber Crossover certificate is designed to provide students who have completed the cosmetology program certificate with a pathway to complete the exam for licensure as a barber, with the ability to become certified in both cosmetology and barbering. This includes working with the scalp and hair of the head, performing face shaving and beard trimming and basic barber facials. Instruction is provided through classroom, clinical, and applied learning activities. It offers the newest techniques and hands-on experience needed, as well as the business skills and management preparation to launch a successful career in the barbering industry. The course of study has been approved by the Colorado State Office of Barbers and Cosmetology.

Program Requirements

Total Credits **13**

Course Number	Course Title	Credits
BAR1007	Introduction to Shaving, Honing & Stropping	1
BAR1008	Intermediate Shaving, Honing & Stropping	1
BAR1030	Introduction to Hair Styling	3
BAR2007	Advanced Shaving, Honing & Stropping	1
BAR2020	Advanced Hair Cutting	3
BAR2031	Advanced Hair Styling	3
BAR2066	Advanced Facial Massage & Skin Care	1

Must have completed Cosmetology program or be a Colorado licensed cosmetologist.

Basic Tax Preparation

TOTAL CREDITS 3

CIP: 520201-520302 | BANNER: BA3

Program Requirements

Total Credits **3**

Course Number	Course Title	Credits
ACC1032	Tax Help Colorado	2
ACC1033	Tax Help Colorado Practicum	1

Business Administration

TOTAL CREDITS 15

CIP: 520201-520301 | BANNER: BUAD

Program Requirements

Total Credits **15**

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
BUS2016	Legal Environment of Business	3
BUS2017	Business Communication/Report Writing	3
ACC1011	Introduction to Financial Accounting	3
Or		
ACC1021	Accounting Principles I	4
CIS1018	Introduction to PC Applications	3

Must complete either ACC1011 or ACC1021

Business Management

TOTAL CREDITS 45

CIP: 520301 | BANNER: CZBM

Program Requirements

Total Credits **33**

Must complete an ACC sequence of ACC1011 and ACC1012 or ACC1021 and ACC1022.

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
BUS2016	Legal Environment of Business	3
BUS2017	Business Communication/Report Writing	3
ACC1011	Introduction to Financial Accounting	3
And		
ACC1012	Introduction to Managerial Accounting	3
Or		
ACC1021	Accounting Principles I	4
And		
ACC1022	Accounting Principles II	4
CIS1018	Introduction to PC Applications	3
BUS1002	Entrepreneurial Operations	3
MAN1028	Human Relation-Organizations	3
MAN2026	Principles of Management	3
MAN2015	Organizational Behavior	3
MAN2000	Human Resource Management I	3

Electives

Total Credits **12**

Choose one of the following courses listed below. Also choose 9 credits from ACC, BUS, CIS, CSC, CWB, ECO, MAN, MAR prefix, PHI1012 or PHI2005.

Course Number	Course Title	Credits
ECO1001	Economics of Social Issues: GT-SS1	3
ECO2001	Principles of Macroeconomics: GT-SS1	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Cosmetology

TOTAL CREDITS **54**

CIP: 120401 | BANNER: COSY

Cosmetology is one of the most demanding, rewarding, diversified, and fastest growing specialties in the world today. This program is designed to provide high quality theory and practical training necessary to meet the requirements for today's cosmetologists.

This one-year program begins fall semester of each year and meets the training required by Colorado's Department of Regulatory Agency/Cosmetology-Barber Board for state licensing. A Northeastern Certificate in Cosmetology will be granted upon successful completion of all required courses with a cumulative grade of 2.0 ("C or better"). Graduates are eligible to take the state board exam to obtain a cosmetology license in the state of Colorado. The Cosmetology department is housed in a 5,082 square foot facility and offers a wide range of salon services to the community.

Program Learning Outcomes:

- List procedures demonstrating proper disinfection and sanitation requirements and properly store supplies and equipment for services as defined under Department of Regulatory Affairs (DORA) Division of Cosmetology Licensure Laws, Rules and Regulations. (Consultation area, hand washing, table set up)
- Complete a client consultation, analysis, and proper set up.
- Demonstrate the proper use of implements, cosmetics, and materials used
- Identify the structure, diseases, disorders and proper analysis of the hair, skin and nails.

Program Requirements

Fall Freshman Year

Total Credits **17**

A-Term		
Course Number	Course Title	Credits
COS1003	Introduction to Hair and Scalp	1
COS1010	Introduction: Hair Coloring	2
COS1020	Introduction: Hair Cutting	2
COS1030	Introduction: Hair Styling	2
COS1040	Introduction: Chemical Texture	1
COS1050	Laws, Rules, and Regulations	1
COS1060	Introduction: Disinfection/Sanitation/Safety	2
EST1010	Introduction: Facials & Skin Care	3
NAT1010	Introduction to Manicures and Pedicures	3
EDU1076	ST: Student Success Seminar	0

Fall Freshman Year

Total Credits **13**

B-Term		
Course Number	Course Title	Credits
COS1011	Intermediate I Hair Coloring	2
COS1021	Intermediate: Hair Cutting	2

Course Number	Course Title	Credits
COS1031	Intermediate: Hair Styling	2
COS1041	Intermediate: Chemical Texture	1
COS1061	Intermediate: Disinfection/Sanitation/Safety	1
COS2003	Intermediate I: Hair and Scalp	1
EST1011	Intermediate: Facials & Skin Care	2
NAT1011	Intermediate Manicures and Pedicures	2

Spring Freshman Year

Total Credits **15**

A-Term

Course Number	Course Title	Credits
COS2030	Intermediate II: Hair Styling	2
COS2020	Intermediate II: Haircutting	2
COS2060	Intermediate II: Infection Control and Prevention	2
COS2040	Intermediate II: Chemical Texture	1
COS2010	Intermediate II: Hair Coloring	2
NAT2011	Application of Artificial Nails	5
NAT2090	Adv. Nail Technician Studies	0-12

Spring Freshman Year

Total Credits **9**

B-Term

Course Number	Course Title	Credits
COS2050	Business Management/Personal Skills/Ethics	1
NAT2010	Advanced Manicures & Pedicures	2
EST2012	Hair Removal	3
COS2061	Advanced Disinfection/Sanitation/Safety	1
COS2011	Advanced Hair Coloring	2

Criminal Justice

TOTAL CREDITS **16**

CIP: 430103 | BANNER: TCJC

The Criminal Justice Certificate program provides a basic understanding of the criminal justice system as a profession and discipline. The certificate program would benefit those currently a junior or senior in high school or working full or part-time job. The certificate provides students with the foundation to move forward and obtain an Associate of Arts in Criminal Justice at Northeastern Junior College or at any of the other Colorado Community Colleges.

Program Requirements

Total Credits **16**

Course Number	Course Title	Credits
CRJ1010	Introduction to Criminal Justice: GT-SS3	3
CRJ1025	Policing Systems	3
CRJ2005	Principles of Criminal Law	3
CRJ1045	Correctional Process	3
CRJ1027	Crime Scene Investigation	3
HWE1003	Mental Health First Aid	1

Diesel & Automotive Master Technician

CIP: 470613 | BANNER: DSL4

Upon successful completion of all required courses in the Automotive Technology or in the Diesel Technology A.A.S. degree a student may pursue an Automotive & Diesel Master Technician Certificate.

The Automotive & Diesel Master Technician (ADMT) Certificate will provide Auto Tech and Diesel Tech students with the opportunity to supplement and enhance their technical skills with courses specific to the auto or diesel tech program in which they did not earn their degree-certificate. To earn an ADMT certificate an Auto Tech graduate will take certain diesel tech courses and a Diesel Tech graduate will take certain auto tech courses. Students completing this additional coursework will have a wide array of employment opportunities.

Currently there are many employment opportunities in both the automotive and diesel areas that are going unfilled due to a lack of qualified personnel. The Automotive & Diesel Master Technician Certificate will also provide graduates who wish to become entrepreneurs a much broader foundation on which to build an automotive and/or diesel repair business.

Program Requirements

Total Credits **26**

Certificate Requirements for an Auto Tech graduate (AUTX)

- Minimum of 20 credits of Diesel Power Mechanics (DPM) course work and (6) general education credits from ACC, BUS, CWB, MAN or MAR.

Certificate Requirements for a Diesel Tech graduate (DSL4)

- Minimum of 20 credits of Automotive Service Technology (ASE) course work and (6) general education credits from ACC, BUS, CWB, MAN or MAR.

Diesel Electrical

TOTAL CREDITS **14**

CIP: 470613 | BANNER: DT3

Program Requirements

Total Credits **14**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
DPM1020	Basic Heavy Duty Electricity	2
DPM1026	Heavy Duty Starting & Charging	3
DPM1036	Heavy Duty Cab Inspection & Maintenance	2
DPM2022	Heavy Duty Lighting & Instrumentation	3
DPM2191	Heavy Duty Body Electrical Systems	2

Diesel Engines

TOTAL CREDITS **16**

CIP: 470613 | BANNER: DT6A

Program Requirements

Total Credits **16**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
DPM1003	Diesel Engines I	4
DPM1004	Diesel Engine Cooling Systems	2
DPM1191	Diesel Fuel Systems	2
DPM2003	Diesel Engines II	4
DPM2010	Diesel Air Induction & Exhaust	2

Diesel Heavy Duty Breaks

TOTAL CREDITS 10

CIP: 470613 | BANNER: DT2

Program Requirements

Total Credits **10**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
DPM2006	Heavy Duty Brakes I	3
DPM2007	Heavy Duty Brakes II	3
DPM2009	Heavy Duty Dynamic Braking Systems, ABS, ATC, and ESC	2

Diesel Heavy Duty Powertrains

TOTAL CREDITS 9

CIP: 470613 | BANNER: DT8

Program Requirements

Total Credits **8**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
DPM1005	Heavy Duty Powertrains I	3
DPM2005	Heavy Duty Powertrains II	3
DPM2008	H/D Trans Diagnosis	1

Diesel Heavy Duty Steering & Suspension

TOTAL CREDITS 8

CIP: 470613 | BANNER: DT4

Program Requirements

Total Credits **8**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
DPM1040	Heavy Duty Steering & Suspension I	3
DPM2040	Heavy Duty Steering & Suspension II	3

Diesel HVAC

TOTAL CREDITS 7

CIP: 470613 | BANNER: DT5

Program Requirements

Total Credits **7**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
DPM2064	Heavy Duty Heating & Ventilation	2
DPM2065	Heavy Duty Air Conditioning Systems Service	3



Diesel Hydraulics

TOTAL CREDITS 6

CIP: 470613 | BANNER: DT7

Program Requirements

Total Credits **6**

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
DPM1192	Hydraulic Systems I	1
DPM1022	Hydraulic Systems II	3

Early Childhood Assistant Teacher

TOTAL CREDITS 6

CIP: 131210 | BANNER:

Program Requirements

Total Credits **6**

Course Number	Course Title	Credits
ECE1011	Introduction to Early Childhood Education	3
ECE1031	Guidance Strategies Young Children	3

Early Childhood Director

TOTAL CREDITS 30

CIP: 131210 | BANNER: ED3

The Director Certificate is designed for persons who have 6 months or more of verified work experience with young children and wish to establish director qualifications in the State of Colorado. The work experience must be full days working directly with children in a child development program.

Program Requirements

Total Credits **30**

Course Number	Course Title	Credits
ECE1011	Introduction to Early Childhood Education	3
ECE1045	Introduction to ECE Techniques	3
ECE1031	Guidance Strategies Young Children	3
ECE1111	Infant/Toddler Theory/Practice	3
ECE2051	ECE Nutrition/Health/Safety	3
ECE2621	Curriculum Methods/Techniques	3
ECE2381	ECE Child Growth & Development	3
ECE2401	Administration of ECE Programs	3
ECE2411	Administration: Human Relations ECE	3
ECE2601	The Exceptional Child	3

Early Childhood Teacher

TOTAL CREDITS 18

CIP: 131210 | BANNER: ED2Y

The Teacher Certificate is designed for persons who have nine months or more of verified work experience with young children and wish to establish qualifications within the State of Colorado. The work experience must be in the care and supervision of four or more children under 6 years of age who are not related to the individual.

Program RequirementsTotal Credits **18**

Course Number	Course Title	Credits
ECE1011	Introduction to Early Childhood Education	3
ECE1045	Introduction to ECE Techniques	3
ECE1031	Guidance Strategies Young Children	3
ECE2621	Curriculum Methods/Techniques	3
ECE2381	ECE Child Growth & Development	3
Also choose one of the following courses.		
ECE1111	Infant/Toddler Theory/Practice	3
ECE2101	Working with Families & Communities	3
ECE2601	The Exceptional Child	3

EMT BasicTOTAL CREDITS **10**

CIP: 510904 | BANNER: EMTB

Upon completion of the Emergency Medical Technical Program the student will meet the prerequisite for taking the National Registry Examination for Emergency Medical Technicians. The program will teach skills in emergency treatment procedures as used with an ambulance service.

Program RequirementsTotal Credits **10**

Course Number	Course Title	Credits
EMS1021	EMT Fundamentals	3
EMS1022	EMT Medical Emergencies	4
EMS1023	EMT Trauma Emergencies	2
EMS1070	EMT Clinical	1

Equine Business Management CertificateTOTAL CREDITS **30**

CIP: 010507 | BANNER: EQBM

Students enrolled in this program show an interest in the organizational, managerial, and commercial aspects of the equine industry, as well as students interested in advanced performance horse care, equine reproduction, instruction and stable management.

The variety of courses focusing on business management provides students with the skills and knowledge to pursue either a hands-on or support sector position in the equine industry, pursue a career in business or pursue an advanced degree.

Program Learning Outcomes:

- Students should be able to understand the terminology associated with the western horse. This includes but is not limited to common names of equine body parts, common names of tack, and commonly accepted horse training terminology.
- Students will be able to understand normal horse health, body condition, normal vital signs, common unsoundness, common illness, normal preventative healthcare and nutrition. This includes the procedure for feeding appropriate volumes of forage, concentrates and water required by the horse.
- Students will be able to understand common industry-accepted equine reproduction techniques, practices, and terminology.
- The student will be able to understand basic and common equine business practices, including but not limited to creating a business plan, creating a marketing plan, creating cover letters and resumes, and understanding the economic impact of the horse industry in the United States and World Wide.
- Students will properly communicate the above terminology and skills professionally.

Written CommunicationTotal Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
ENG1021	English Composition I:GT-CO1	3
ENG1031	Technical Writing I: GT-CO1	3

Oral CommunicationTotal Credits **3**

Course Number	Course Title	Credits
COM1150	Public Speaking	3

MathematicsTotal Credits **3**Choose MAT1140 or higher Math course.**Electives**Total Credits **21**

All elective courses must be approved by academic advisor or program coordinator. Minimum of 6 credits in Equine related courses with preference for EQM, EQT, or ASC 1102, ASC 1043, or ASC 2043. Minimum of 6 additional credits in Agriculture or Business related courses with preference for AGB, AGE, AGP, AGR, AGY, AME, ASC, BUS, CIS, MAN, MAR, MGD, or RAM.

Equine Skill Requirement: The student must demonstrate a minimum skill level in handling or riding horses. See note below.

Equine Skill Requirement: The student must demonstrate a minimum skill level in handling or riding horses.

***Please Note:** There are two methods to complete the requirement:

1. Prior equine skill experience. The student may submit documentation of prior experience involving handling, training, riding or care of horses. Previous experience must be approved by advisor or program coordinator. See advisor or program coordinator for information.
2. Course work involving skills in horse handling, riding or training or courses designed for preparation in competitive equine events such as rodeo or versatility ranch horse. Courses must be approved by advisor or program coordinator. Credits for these courses can be applied to the program electives.

Equine Management Training CertificateTOTAL CREDITS **30**

CIP: 010507 | BANNER: EQU4

This certificate program offers experiential learning in breaking and training horses.

Program RequirementsTotal Credits **13**

Course Number	Course Title	Credits
EQM1001	Stable Operations I	1
EQM1002	Stable Operations II	1
EQT1001	Introduction to Horse Training	5
EQT1002	Beginning Colt Training	6

ElectivesTotal Credits **17**

Choose a minimum of 17 credits of electives courses. There are a total of 30 credits (minimum) required for this certificate.

Elective courses may be taken from any of the following course disciplines: ACC, ABM, AGB, AGE, AGP, AGR, AGY, AME, ASC, AVT, BUS, CIS, DPM, ENG, EQM, EQT, HLT, IMA, MAN, MAR, MAT, MGD, RAM, or WEL. Other courses may be approved by the Academic Advisor for use as elective(s).

FCAW

TOTAL CREDITS 7

CIP: 480508 | BANNER: WFCA

Program Requirements

Total Credits **7**

Course Number	Course Title	Credits
WEL1000	Safety for Welders	1
WEL1006	Blueprint Read-Welders/Fitters	4
WEL2052	FCAW Flat & Vertical	2

Firefighter Advanced Level

TOTAL CREDITS 16.5

CIP: 430203 | BANNER: FIRE

Program Requirements

Total Credits **16.5**

Course Number	Course Title	Credits
FST1000	Firefighter I	9
FST1007	HazMat Operations (Level I)	3
FSW1000	S-190 Introduction to Wildland Fire	1
FSW1001	S-130 Firefighting Training	2
HPR1011	CPR Professionals	0.5
PED1001	Conditioning Lab	1

Firefighter Basic Level

TOTAL CREDITS 13

CIP: 430203 | BANNER: FIFB

Program Requirements

Total Credits **13**

Course Number	Course Title	Credits
FST1000	Firefighter I	9
FST1007	HazMat Operations (Level I)	3
PED1001	Conditioning Lab	1

Firefighter Instructor

TOTAL CREDITS 7

CIP: 430203 | BANNER: FIR3

For those who have experience and training and would like to teach others in firefighting.

Program Requirements

Total Credits **7**

Course Number	Course Title	Credits
FST2001	Instructional Methodology	3
EDU2501	CTE in Colorado	1
EDU2601	Adult Learning & Teaching	3

Forensic Psychology

TOTAL CREDITS 16

CIP: 422812 | BANNER: TFPC

The Forensic Psychology certificate program is designed to provide a basic understanding of Forensic Psychology as a profession and discipline. This certificate program would benefit those currently a junior or senior in high school or working a full or part-time job. The certificate provide students with the foundation to move forward and obtain an Associates of Arts in either Criminal Justice or Psychology at Northeastern Junior College or at any of the other Colorado Community Colleges.

Program Requirements

Total Credits **16**

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
PSY2770	Introduction to Forensic Psychology	3
CRJ2005	Principles of Criminal Law	3
CRJ2068	Criminal Profiling	3
PSY2552	Abnormal Psychology: GT-SS3	3
HWE1003	Mental Health First Aid	1

Courses can be taken out of order.

Foundations of Business I

TOTAL CREDITS 15

CIP: 520302 | BANNER: CFB1

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3**

Choose one of the following courses or any GT-MA1 course.

Course Number	Course Title	Credits
MAT1160	Financial Mathematics	3
BUS2026	Business Statistics	3
MAT1340	College Algebra: GT-MA1	4

Program Requirements

Total Credits **6**

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
ACC1011	Introduction to Financial Accounting	3
Or		
ACC1021	Accounting Principles I	4

ACC 1011 or ACC 1021 is accepted.

Program Requirements

Total Credits **3**

Choose an additional 3 credits of electives in ACC, BUS, CIS, CSC, CWB, ECO, MAN, MAR, MGD prefix, PHI 1012, PHI2005 or another approved course.

Foundations of Business II

TOTAL CREDITS 21

CIP: 520301 | BANNER: CFB2

Written Communication

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
COM1150	Public Speaking	3
COM1250	Interpersonal Communication: GT-SS3	3

Mathematics

Total Credits **3**

Choose one of the following courses or any GT-MA1 course.

Course Number	Course Title	Credits
MAT1160	Financial Mathematics	3
MAT1260	Introduction to Statistics: GT-MA1	3
MAT1340	College Algebra: GT-MA1	4
BUS2026	Business Statistics	3

Social and Behavioral Sciences

Total Credits **3**

Choose one of the following courses.

Course Number	Course Title	Credits
ECO1001	Economics of Social Issues: GT-SS1	3
ECO2001	Principles of Macroeconomics: GT-SS1	3
ECO2002	Principles of Microeconomics: GT-SS1	3

Program Requirements

Total Credits **9**

Must complete a sequence of ACC1011 and ACC1012 or ACC1021 and ACC1022.

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
ACC1011	Introduction to Financial Accounting	3
And		
ACC1012	Introduction to Managerial Accounting	3
Or		
ACC1021	Accounting Principles I	4
And		
ACC1022	Accounting Principles II	4

Electives

Total Credits **3**

Choose an additional 3 credits of electives in ACC, BUS, CIS, CSC, CWB, ECO, MAN, MAR, MGD prefix, PHI1012, PHI2005 or another approved course.



GMAW

TOTAL CREDITS 9

CIP: 480508 | BANNER: GMAW

Program Requirements

Total Credits **9**

Course Number	Course Title	Credits
WEL1000	Safety for Welders	1
WEL1006	Blueprint Read-Welders/Fitters	4
WEL1026	GMAW (MIG) Steel I	2
WEL2026	GMAW (MIG) Steel II	2

GTAW

TOTAL CREDITS 11

CIP: 480508 | BANNER: WTET

Program Requirements

Total Credits **11**

Course Number	Course Title	Credits
WEL1000	Safety for Welders	1
WEL1006	Blueprint Read-Welders/Fitters	4
WEL1064	GTAW Steel I	2
WEL1065	GTAW (TIG) Steel II	2
WEL2060	GTAW Stainless & Aluminum I	2

Industrial Control

TOTAL CREDITS 10

CIP: 150499 | BANNER: WIE4

This certificate is designed to provide students the necessary skills to safely work in an industrial or commercial facility. The students will also have the ability to install, integrate, and program industrial automation equipment such as Programmable Logic Controllers (PLC), Variable Frequency Drives (VFD), and Human Machine Interfaces (HMI).

Program Requirements

Total Credits **10**

Course Number	Course Title	Credits
EIC2320	Industrial Electrical Controls I	4
ELT2358	Programmable Logic Controllers	3
ELT2359	Advanced Programmable Logic Control	3

Industrial Electricity

TOTAL CREDITS 10

CIP: 150499 | BANNER: WIE2

This certificate is designed to provide students the necessary skills to safely work in an industrial or commercial facility. The students will also have the ability to work safely while performing maintenance and repair of electrical equipment and motor control units.

Program Requirements

Total Credits **10**

Course Number	Course Title	Credits
ELT1206	Fundamentals of DC/AC	4

Course Number	Course Title	Credits
ELT2252	Motors & Controls	3
WTG1010	Wind Turbine Generator Power & Control Systems	3

Industrial Maintenance

TOTAL CREDITS 11

CIP: 150499 | BANNER: WIE1

This certificate is designed to provide students the necessary skills to safely work in an industrial or commercial facility. The students will also have the ability to work safely while performing maintenance and repair of mechanical equipment.

Program Requirements

Total Credits **11**

Course Number	Course Title	Credits
IMA1700	Introduction to Industrial Maintenance	3
IMA1500	Industrial Rotating Equipment	3
IMA1400	Basic Fluid Power	3
WEL1013	Oxyfuel and Plasma Cutting	2

Industrial Safety

TOTAL CREDITS 5

CIP: 150499 | BANNER: WIE3

This certificate is designed to provide students the necessary skills to safely work in an industrial environment including working at height on wind turbines. Students will also learn what to do if an emergency occurs at the work place.

Program Requirements

Total Credits **5**

Course Number	Course Title	Credits
EIC1101	Job Training and Safety	3
MIL1001	Lifting Devices	1
HWE1001	Community First Aid and CPR	1

Marketing

TOTAL CREDITS 45

CIP: 529999 | BANNER:

Program Requirements

Total Credits **36**

Course Number	Course Title	Credits
BUS1015	Introduction to Business	3
ACC1011	Introduction to Financial Accounting	3
Or		
ACC1021	Accounting Principles I	4
CIS1018	Introduction to PC Applications	3
BUS2017	Business Communication/Report Writing	3
BUS2016	Legal Environment of Business	3
MAR2016	Principles of Marketing	3
MAR1011	Principles of Sales	3
MAR2020	Principles of Advertising	3
MAR1055	Social Media for Marketing in Business	3

Course Number	Course Title	Credits
JOU1005	Introduction to Mass Media: GT-SS3	3
MGD1004	Videography	3
BUS1020	Introduction to E-Commerce	3

Electives

Total Credits **9**

Choose an additional 9 credits of electives from ACC, BUS, CIS, CSC, CWB, ECO, MAN, MAR, MGD prefix or PHI2005, PHI1012 or another approved course.

Nanny/Infant Toddler Teacher

TOTAL CREDITS **35**

CIP: 131210 | BANNER: ED8

The Nanny Infant/Toddler Teacher Certificate is designed to professionally prepare and enable students to be in-home child care professionals. They work as a member of the family team to provide for children's physical, emotional, social and intellectual needs. This certificate also includes courses necessary to work as an Infant/Toddler Teacher in a center.

Program Requirements

Total Credits **35**

Course Number	Course Title	Credits
ECE1011	Introduction to Early Childhood Education	3
ECE1045	Introduction to ECE Techniques	3
ECE1031	Guidance Strategies Young Children	3
ECE1111	Infant/Toddler Theory/Practice	3
ECE1125	Infant/Toddler Lab Tech	3
ECE1301	The Professional Nanny	3
ECE1315	Nanny Methods & Techniques	3
ECE2051	ECE Nutrition/Health/Safety	3
ECE2061	Observation and Assessment of Young Children's Development, Learning and Programs	1
ECE2381	ECE Child Growth & Development	3
ECE2101	Working with Families & Communities	3
HWE1001	Community First Aid and CPR	1
ECE2601	The Exceptional Child	3

Nurse Aide Certificate of Achievement (NACT)

TOTAL CREDITS **5.5**

CIP: 513902 | BANNER: NACT

This short program prepares students to work as a Certified Nurse Aide in a hospital, nursing home, or other health related agency. After successful completion the student is eligible to take the Colorado Board of Nursing examination to become certified.

Program Requirements

Total Credits **5.5**

Course Number	Course Title	Credits
NUA1001	Nurse Aide Health Care Skills	4
NUA1002	Certification Exam Prep	0.5
NUA1070	Nurse Aide Clinical Experience	1

Oxy-fuel

TOTAL CREDITS 9

CIP: 480508 | BANNER: WOWC

Program Requirements

Total Credits **9**

Course Number	Course Title	Credits
WEL1000	Safety for Welders	1
WEL1006	Blueprint Read-Welders/Fitters	4
WEL1013	Oxyfuel and Plasma Cutting	2
WEL1014	Oxyacetylene Welding	2

Paramedic

TOTAL CREDITS 45

CIP: 510904 | BANNER:

The Emergency Medical Provider (EMP) program is designed for students seeking careers in emergency medicine. This program provides students with the knowledge and skills required to function within the Emergency Medical Services System. Courses progress from EMT to Paramedic. All programs meet or exceed the Colorado Department of Public Health and Environment requirements for certification eligibility.

Prerequisites

Total Credits **4**

Course Number	Course Title	Credits
BIO1004	Biology: A Human Approach: GT-SC1	4

Program Requirements

Total Credits **45**

Course Number	Course Title	Credits
EMS2025	Fundamentals of Paramedic Practice	3
EMS2026	Fundamentals of Paramedic Practice - Lab	2
EMS2027	Paramedic Special Considerations	3
EMS2028	Paramedic Special Considerations Lab	2
EMS2029	Paramedic Pharmacology	3
EMS2030	Paramedic Pharmacology Lab	2
EMS2031	Paramedic Cardiology	5
EMS2032	Paramedic Cardiology Lab	2
EMS2033	Paramedic Medical Emergencies	4
EMS2034	Paramedic Medical Emergencies Lab	1
EMS2035	Paramedic Trauma Emergencies	4
EMS2036	Paramedic Trauma Emergencies Lab	1
EMS2037	Paramedic Internship Preparatory	2
EMS2080	Internship I: Paramedic	6
EMS2081	Paramedic Internship II	6

Accreditation statement:

"The Northeastern Junior College Paramedic program has a site visit scheduled for pursuing initial accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) (www.caahep.org). This step in the process is neither a status of accreditation nor a guarantee that accreditation will be granted."

Area for program outcomes:

- Detailing NREMT pass rate on first attempt
- NREMT pass rate overall

Practical Nursing Certificate Exit Option

TOTAL CREDITS 50

CIP: 513801 | BANNER: PN2

Practical Nurses are the entry level position into the nursing profession and work under the direction of a register nurse (RN) or physician. Licensed Practical Nurses (LPN) provide hands on care such as medication administration, wound care, administering feeding via a feeding tube, nasogastric tube insertion and care and bladder cauterizations and care. Practical nurses are trained to give basic bedside nursing care in a variety of settings including home care agencies, clinics and long-term care facilities under the supervision of a registered nurse or physician.

The practical nursing certificate can be awarded to a student who completes the first year of the two-year associate degree program and takes an additional course in the summer, NUR1069 (169) Transition into Practical Nursing. This certificate in practical nursing is awarded with a grade of “C” or better in all required course work. After receiving the certificate of Practical Nursing the student is eligible to take the NCLEX-PN exam (state board exam) to become a Licensed Practical Nurse (LPN).

Prerequisites

Total Credits 15-17

Course Number	Course Title	Credits
ENG1021	English Composition I:GT-CO1	3
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
PSY2440	Human Growth & Development: GT-SS3	3
Also choose one of the following courses.		
HPR1010	Dietary Nutrition	1
HWE1050	Human Nutrition	3

***Please Note:** All Biology (BIO) prefixes and or science courses are valid for seven years from the time of the completion to the start of the ADN program. Colorado Community College requires BIO 1010 as prerequisite to BIO 2101

Fall First Year

Total Credits 14

Course Number	Course Title	Credits
NUR1009	Fundamentals of Nursing	6
NUR1012	Basic Concepts of Pharmacology	2
MAT1120	Math for Clinical Calculations	3
Take 3 credits of <u>Social and Behavioral Science</u> in the SS1, SS2 and SS3 categories.		

MAT can be completed prior to entry.

Spring First Year

Total Credits 17

Course Number	Course Title	Credits
NUR1050	Maternal - Child Nursing	6
NUR1006	Medical Surgical Concepts	7
BIO2116	Human Pathophysiology	4

BIO2116 can be completed prior to entry.

Summer Term

Total Credits 4

Course Number	Course Title	Credits
NUR1069	Transition Into Practical Nursing	4

Precision Agriculture

TOTAL CREDITS 15

CIP: 010301 | BANNER: PA1

Program Requirements

Total Credits **13**

Course Number	Course Title	Credits
AGP1000	Practical Crop Production	4
AGR2035	Precision AG Operations	3
AGR2036	Precision Farming Hardware	3
AME1025	Agricultural Machinery	3

Electives

Total Credits **2**

Choose a minimum of 2 credits of electives courses. There are a total of 15 credits (minimum) required for this certificate. Elective courses may be taken from any of the following course disciplines: ACC, ABM, AGB, AGE, AGR, AGY, AME, ASC, AVT, BUS, CIS, DPM, EQM, EQT, HLT, IMA, MAN, MAR, MGD, RAM, or WEL. Other courses may be approved by the Academic Advisor for use as elective(s).

Precision Agriculture-Advanced

TOTAL CREDITS

CIP: 010301 | BANNER: PAA

Program Requirements

Total Credits **24-26**

Course Number	Course Title	Credits
AGP1000	Practical Crop Production	4
AGP1010	Integrated Pest Management	3
AGP2004	Soil Fertility and Fertilizers	4
AGR2035	Precision AG Operations	3
AGR2036	Precision Farming Hardware	3
AGY2140	Introduction Soil Science: GT-SC1	4
AME1025	Agricultural Machinery	3
AVT2055	Unmanned Aircraft Systems Ground School	2

Electives

Total Credits **4**

Choose a minimum of 4 credits of electives courses. There are a total of 30 credits (minimum) required for this certificate. Elective courses may be taken from any of the following course disciplines: ACC, ABM, AGB, AGE, AGR, AGY, AME, ASC, AVT, BUS, CIS, DPM, EQM, EQT, HLT, IMA, MAN, MAR, MGD, RAM, or WEL. Other courses may be approved by the Academic Advisor for use as elective(s). Must take (6) credits of Equine related courses and an additional (9) credits of Agriculture and/or Business related courses. See advisor or program coordinator for specific details.

Production Agriculture Certificate

TOTAL CREDITS 38

CIP: 010301 | BANNER: PRAA

This program is designed to provide students with the necessary management and production skills required in the field of production agriculture today. Students seeking an occupation in farming or ranching will be able to pursue a variety of skills and competencies necessary to meet their individual occupational objective. This program requires 30 credits of course work and at least eight credits of required internship(s) for a total of at least 38 credits.

Program Requirements

Total Credits **8**

Students must complete an internship in a production agriculture setting with a minimum of 320 hours of work experience.

Course Number	Course Title	Credits
AGP1080	Production Ag Internship	8

Electives

Total Credits **30**

Choose a minimum of 30 credits of elective courses. There are a total of 38 credits (minimum) for this certificate including the 8 credit Internship. Elective courses may be taken from any of the following course disciplines (prefixes): ACC, ABM, AGB, AGE, AGP, AGR, AGY, AME, ASC, AVT, BUS, DPM, EQM, EQT, HLT, IMA, MAN, MAR, RAM or WEL. Other courses may be approved by the Academic Advisor for use as elective(s).

Rural Business Entrepreneurship

TOTAL CREDITS **18**

CIP: 520701 | BANNER: RBE

The Rural Business Entrepreneurship Certificate aims to introduce the student to business planning and work through the business plan components, giving the student a completed business plan for their business upon completion. Potential products to be completed in this certificate include, but are not limited to, product/service description, customer analysis, competition analysis, beginning balance sheet, and cash flow budget.

Program Learning Outcomes:

- Understand the purpose of a business plan and its components.
- Evaluate and analyze financial documents pertinent to their business.
- Complete a business plan for their business.

Program Requirements

Total Credits **18**

Course Number	Course Title	Credits
ABM2043	Rural Bus Entrepreneurship I	3
ABM2044	Rural Bus Entrepreneurship II	3
ABM2045	Rural Bus Entrepreneurship III	3
ABM2046	Rural Bus Entrepreneurship IV	3
ABM2047	Rural Bus Entrepreneurship V	3
ABM2048	Rural Bus Entrepreneurship VI	3

SMAW (Shielded Metal Arc Welding)

TOTAL CREDITS **11**

CIP: 480508 | BANNER: WSMAW

Program Requirements

Total Credits **11**

Course Number	Course Title	Credits
WEL1000	Safety for Welders	1
WEL1006	Blueprint Read-Welders/Fitters	4
WEL1016	SMAW Flat & Horizontal	2
WEL1017	SMAW Vertical	2
WEL1018	SMAW Overhead	2

T-Prep Early Childhood Education

TOTAL CREDITS 16

CIP: 131015 | BANNER:

The T-Prep Early Childhood Education Certificate is designed for the student that is pursuing a bachelor's degree in Early Childhood Education through the T-Prep articulation agreement between NJC and CU Denver. Courses in this certificate are part of the third year program requirements for CU Denver, but are taken through NJC. Students should enroll in this certificate program ONLY if they choose to slow down year three and enroll as a part-time student. Students that enroll full-time in year three of the T-Prep Elementary Education should enroll through CU Denver. More specific information regarding the T-Prep program in Early Childhood Education can be found on the NJC website at NJC T-Prep.

Program Requirements

Total Credits 12

Course Number	Course Title	Credits
EDU2341	Multicultural Education	3
EDU2611	Teaching, Learning & Technology	3
ECE2401	Administration of ECE Programs	3
ECE2601	The Exceptional Child	3

Electives

Total Credits 4

Choose at least one (3 credit) course and one (1 credit) course from the following list.

Course Number	Course Title	Credits
ECE2051	ECE Nutrition/Health/Safety	3
ECE2641	Creativity and the Young Child	3
ECE2651	Early Language and Literacy Development in Young Children	3
COM2300	Intercultural Communication: GT-SS3	3
SOC1001	Introduction to Sociology I: GT-SS3	3
SOC1002	Introduction to Sociology II: GT-SS3	3
ANT1001	Cultural Anthropology: GT-SS3	3
LIT2005	Ethnic Literature: GT-AH2	3

Also choose one of the following courses.

ECE2061	Observation and Assessment of Young Children's Development, Learning and Programs	1
ECE1008	Assessment Process in ECE	1
EDU1088	Practicum I	2
HWE1003	Mental Health First Aid	1
HWE1001	Community First Aid and CPR	1

T-Prep Secondary Science Education Certificate

TOTAL CREDITS 16

CIP: | BANNER:

The T-Prep Secondary Science Education Certificate is designed for the student that is pursuing a bachelor's degree in Secondary Science Education through the T-Prep articulation agreement between NJC and CU Denver. Courses in this certificate are part of the third year program requirements for CU Denver, but are taken through NJC. Students should enroll in this certificate program ONLY if they choose to slow down year three and enroll as a part-time student. Students that enroll full-time in year three of the T-Prep Secondary Science degree should enroll through CU Denver. More specific information regarding the T-Prep program in Secondary Science can be found on the NJC website at T-PREP: The Partnership for Rural Educator Preparation | Northeastern Junior College (njc.edu)

Program RequirementsTotal Credits **11**

Course Number	Course Title	Credits
GEY1111	Physical Geology with Lab: GT-SC1	4
BIO1112	General College Biology II with Lab: GT-SC1	5
HWE1003	Mental Health First Aid	1
HWE1001	Community First Aid and CPR	1

Natural and Physical SciencesTotal Credits **5**

Choose one of the following courses:

Course Number	Course Title	Credits
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5
Or		
CHE1112	General College Chemistry II with Lab: GT-SC1	5

Welding Fabricator

TOTAL CREDITS 29

CIP: 480508 | BANNER: WEFI

Program RequirementsTotal Credits **21**

Course Number	Course Title	Credits
ENG1015	Technical English & Communication	3
MAT1140	Career Math: Program Emphasis	3
WEL1000	Safety for Welders	1
WEL1006	Blueprint Read-Welders/Fitters	4
WEL1013	Oxyfuel and Plasma Cutting	2
WEL1014	Oxyacetylene Welding	2
WEL1016	SMAW Flat & Horizontal	2
WEL1026	GMAW (MIG) Steel I	2
WEL1064	GTAW Steel I	2

Program RequirementsTotal Credits **8****GMAW & FCAW Option**

Course Number	Course Title	Credits
WEL2026	GMAW (MIG) Steel II	2
WEL2027	GMAW Stainless & Aluminum	2
WEL2052	FCAW Flat & Vertical	2
WEL2053	FCAW Horizontal & Overhead	2

Program RequirementsTotal Credits **8****SMAW & PIPE Option**

Course Number	Course Title	Credits
WEL1017	SMAW Vertical	2
WEL1018	SMAW Overhead	2
WEL2016	SMAW Pipe I	2
WEL2017	SMAW Pipe II	2

Program Requirements

Total Credits **8**

GTAW Option

Course Number	Course Title	Credits
WEL1065	GTAW (TIG) Steel II	2
WEL2060	GTAW Stainless & Aluminum I	2
WEL2061	GTAW Stainless & Aluminum II	2
WEL2026	GMAW (MIG) Steel II	2

Program Requirements

Total Credits **8**

Fabrication & Metallurgy Option

Course Number	Course Title	Credits
WEL2051	Design, Layout and Fabrication	4
WEL2063	Applied Metal Properties	4

Wind Technician

TOTAL CREDITS **42**

CIP: 150499 | BANNER: WET9

The renewable energy field is a fast growing and sustainable industry. Eastern Colorado is host to the fastest growing renewable power generation technology-wind turbines. The Wind Energy Technician program is designed to prepare students for energy level positions in the power generation and related industries.

Students will have the opportunity to build, troubleshoot, and repair combined electrical-mechanical-hydraulic systems that are found in wind turbines, but these same systems are also found in most industrial facilities that have automated equipment such as advanced manufacturing, building controls, and food processing.

There is a strong emphasis on safety throughout the program. The student will learn how to identify hazards in the work environment and take steps to eliminate or reduce the risk that exists.

Wind Technicians typically work with heavy motors and gear drives in confined spaces, electrical systems up to 690 VAC, and automated electrical control systems in the heat of the summer or cold of the winter while working at heights approaching 300 feet. Most technicians are required to work with limited supervision so a strong work ethic and technical competence are highly sought qualities of entry-level employees in the wind industry.

Essential Functions

- Must be able to work outdoors in inclement weather, climb ladders without assistance, and work at heights greater than 80 meters (250 feet).
- While performing the duties of this job the employee is regularly required to stand, use hands, reach with hands and arms, and hear.
- The employee is frequently required to stoop, kneel, crouch, or crawl. The employee is occasionally required to walk, sit, talk, smell, and lift and/or move up to 50 to 100 pounds.
- Specific vision abilities required by this job include close vision, distance vision, depth perception, and the ability to adjust focus. The employee must be able to distinguish colors.
- Employees must meet specific weight requirements dictated by required safety equipment and weigh less than 250 to 310 pounds when fully equipped with tools and safety gear.
- Employees must possess a valid driver's license, a clean driving record, and proof of insurance coverage.
- Employees must be able to follow written and spoken work instructions and procedures in English.

The certificate is part of the Industrial Automation Associate of Applied Science degree with additional course work. The additional training prepares students for careers in industries that range from automated bakeries to advanced manufacturing with jobs that range from Quality Control Technician, Industrial Electrician, or PLC Technician.

Graduates of the Wind Energy Technician program are prepared for employment with wind farm developers, owners, wind turbine manufacturers, warranty service companies, and other specialty support companies.

Program RequirementsTotal Credits **9**

Course Number	Course Title	Credits
MAT1140	Career Math: Program Emphasis	3
ENG1015	Technical English & Communication	3
CIS1018	Introduction to PC Applications	3

Program RequirementsTotal Credits **30**

Course Number	Course Title	Credits
EIC1101	Job Training and Safety	3
MIL1001	Lifting Devices	1
IMA1700	Introduction to Industrial Maintenance	3
IMA1500	Industrial Rotating Equipment	3
IMA1400	Basic Fluid Power	3
ELT1206	Fundamentals of DC/AC	4
ELT2252	Motors & Controls	3
WTG1010	Wind Turbine Generator Power & Control Systems	3
WTG2620	Wind Turbine Generator Troubleshooting & Repair	4
WTG2089	Wind Technician Capstone	2
HWE1001	Community First Aid and CPR	1

ElectivesTotal Credits **3**

Course Number	Course Title	Credits
EMS1015	Emergency Medical Responder	3
MAN2026	Principles of Management	3
WEL1013	Oxyfuel and Plasma Cutting	2

Course Descriptions

Academic Achievement

Course Number	Course Title	Credits
AAA0072	Jump Start to Nursing	1
Examines theories and practices associated with successful learning to enhance college success. Areas of study include education and career planning, effective communication, personal management, critical and creative thinking, development of community and awareness of diversity, leadership, and techniques for successful academic performance, as well as career exploration in the area of nursing and what you need to know to prepare yourself for a nursing program. (1-0)		
AAA0075	ST: Quantitative Literacy Lab	1
This course enhances skill development of MAT0250 objectives including problem solving skills, study skills, and test taking strategies. Paired with MAT0250. (1-0)		
AAA0076	ST: Algebraic Literacy Lab	2
This course enhances skill development of MAT0300 objectives including problem solving skills, study skills, and test taking strategies. Paired with MAT0300. (0-0-2)		
AAA0077	Skilled Trade & Industry Math Lab	1
Exploration of current topics, issues, and activities related to one or more aspects of the named discipline. Paired with MAT1100. (1-0-1)		

Course Number	Course Title	Credits
AAA1009	Advanced Academic Achievement	3
Examines theories and practices associated with successful learning to enhance college success. Areas of study include education and career planning, effective communication, personal management, critical and creative thinking, development of community and awareness of diversity, leadership, and techniques for successful academic performance. Recommended for new and returning students.		
AAA1009	Advanced Academic Achievement	3
Examines theories and practices associated with successful learning to enhance college success. Techniques covered include academic proficiency, personal management, effective collegiate communication, critical and creative thinking, development of community, awareness of diverse identities, and educational and career planning. (3-0)		
AAA1078	Student Success Seminar	.5
Provides students with an experiential learning opportunity. Guides the student through exploring career options, setting meaningful academic and career goals, developing positive interpersonal communication skills, and building a skill base of academic strategies that lead to being a successful college student. (.5-0)		

Agriculture Business Management

Course Number	Course Title	Credits
ABM1003	Records & Business Planning I	3
Examines the options available to set up a computerized record keeping system for an agricultural business. Focus is on the selection of a computer software package for the agricultural business. Computer terminology associated with a computerized record keeping system and importance of business planning will be discussed. (5-7.5-41.7)		
ABM1004	Records & Business Planning II	3
Identifies the proper setup and implementation of accounting software for an agricultural business. A chart of accounts and beginning balance sheet will be created for a computerized record keeping system. Data entry methods for the accounting software and identification of business plan components specific to student needs will be discussed. (5-7.5-41.7)		
ABM1005	Records & Business Plan III	3
Examines cash and accrual accounting concepts and basic financial statements created for an agricultural business plan. (5-7.5-41.7)		
ABM1006	Records & Business Planning IV	3
Determines the proper processes to maintain an accurate record keeping system for an agricultural business. (5-7.5-41.7)		
ABM1007	Records & Business Planning V	3
Examines how to create financial business reports from an accounting system for an agricultural business and utilize decision aid tools pertinent to the student's need. (5-7.5-41.7)		
ABM1008	Records & Business Planning VI	3
Explains how to utilize a computerized accounting record keeping system to generate accurate financial records for an agricultural business. (5-7.5-41.7)		
ABM1013	Financial Analysis I	3
Examines the purpose of enterprise analysis. Identification of accounting data used in enterprise analysis, enterprises features of an accounting system, and the need for additional enterprise software will be addressed. (5-7.5-41.7)		
ABM1014	Financial Analysis II	3
Examines breakeven figures for business enterprises. This course will cover the calculation process for determining production figures for enterprises as well as refining an established accounting system to generate enterprise data accurately. (5-7.5-41.7)		
ABM1015	Financial Analysis III	3
Develop a cash flow and enterprise budgets. Student will learn cash flow concepts and the relationship to enterprise budgets. Use of data from an accounting system as well as other decision aid tools will be used in the cash flow and enterprise budget development. (5-7.5-41.7)		
ABM1016	Financial Analysis IV	3
Develop a cost and market value accrual balance sheet. This course focuses on the development of cost and marketing value balance sheets. Accrual features of an established accounting system will be analyzed in determining data that can be generated and utilized in the development of this financial statement. (5-7.5-41.7)		

Course Number	Course Title	Credits
ABM1017	Financial Analysis V	3
Develop an accrual income statement. This course will focus on the development of an accrual income statement and examine this financial statement relevancy. Data from an established accounting system to use in the development will be identified. (5-7.5-41.7)		
ABM1018	Financial Analysis VI	3
Determine financial health of a business with the use of industry financial ratios. This course focuses on industry ratio used in determining the financial health of a business. Types of ratios as well as their calculations will be discussed. Comparisons of financial statements from an accounting system will be utilized. (5-7.5-41.7)		
ABM1023	Commodity Marketing I	3
Determine marketing strategies for agriculture commodities. Discussion will include identifying marketing information sources and defining marketing terminology. The students will also examine ways they can use current and forward marketing strategies in their operation. Course will also focus on enterprise identification and refinement of software enterprise features for production data. (5-7.5-41.7)		
ABM1024	Commodity Marketing II	3
Identify the function of basis in market price discovery, how to calculate margin account futures activity, and how to utilize option contracts in mitigating market risks. Investigation of software applications to further the calculations for production costs will be addressed. (5-7.5-41.7)		
ABM1025	Commodity Marketing III	3
Utilizes enterprise production data and its impact on cash flow to determine marketing strategies. (5-7.5-41.7)		
ABM1026	Commodity Marketing IV	3
Analyzes price behavior using both technical and fundamental analysis. A marketing plan will be developed using calculated production costs and marketing strategies. (5-7.5-41.7)		
ABM1027	Commodity Marketing V	3
Covers evaluations and revisions of a marketing plan using actual production costs, local marketing alternatives, futures and option contracts, and technical analysis. Utilization of the plan will be determined. (5-7.5-41.7)		
ABM1028	Commodity Marketing VI	3
Covers evaluation and refining of cost of production for all enterprises to select marketing strategies. Utilize these calculations in developing and implement a production data base. (5-7.5-41.7)		
ABM1063	Marketing Plan Development I	3
Covers the use of marketing research to analyze the initial steps in developing a marketing plan. The focus will be on product and service component of the market plan. Data trends for products and services from an accounting system will be utilized in the analysis process. (5-7.5-41.7)		
ABM1064	Marketing Plan Development II	3
Covers development of a customer and competitive analysis for a market plan. Research on market potential and target areas will be included. (5-7.5-41.7)		
ABM1065	Marketing Plan Development III	3
Develops a pricing strategy for a marketing plan. Development of a pricing strategy will include price/qualify relationships, sales methods, and ways to add value to products/services. Data from an inventory system as well as sales and expenses for products/services will be addressed. (5-7.5-41.7)		
ABM1066	Marketing Plan Development IV	3
Develops a promotional strategy for a marketing plan. Development will include examining the business image, use of technology, and media. Promotional costs will be addressed. (5-7.5-41.7)		
ABM1067	Marketing Plan Development V	3
Interprets data needed for all components in a marketing plan. Identification of data collected for sections of the marketing plan will be analyzed. The need for additional decision aid tools will be examined. A historical trend analysis for sales and expenses for use in the marketing plan will be developed. (5-7.5-41.7)		
ABM1068	Marketing Plan Development VI	3
Designs a marketing plan for the business. Overall marketing plan will be written with focus on how the plan differentiates from others. Cash flow ability will determine feasibility of the plan. (5-7.5-41.7)		

Course Number	Course Title	Credits
ABM2013	Advanced Business Management I	3
Interprets in-depth financial analysis processes for the business. This will include advanced financial analysis terminology and financial statements. (5-7.5-41.7)		
ABM2014	Advanced Business Management II	3
Analyzes existing financial trends and emphasis of pro forma activities for further analysis of the business. Utilization of accurate accrual records and historical data will provide the basis of the pro forma statement development as it currently operates. (5-7.5-41.7)		
ABM2015	Advanced Business Management III	3
Identifies and examines alternative enterprise(s) for the business. This will include measuring the business performance past and present and assessing business goals. (5-7.5-41.7)		
ABM2016	Advanced Business Management IV	3
Evaluates and assesses revisions to the business plan. This will include a process for periodic review with a focus on strengthening of management skills. (5-7.5-41.7)		
ABM2017	Advanced Business Management V	3
Identifies critical areas in the business and sources of business risk. Various methods of researching resource materials to keep business plan current will be addressed as well as identifying alternatives to minimize future risks. (5-7.5-41.7)		
ABM2018	Advance Business Management VI	3
Changes business plan to include a risk management component which addresses the critical issues identified. (5-7.5-41.7)		
ABM2033	Profit Maximization I	3
Lists the major business organizational structures available to agribusiness operations and compare the advantages and disadvantages of each. Document the risk management and financial responsibilities of each. (5-7.5-41.7)		
ABM2034	Profit Maximization II	3
Develops an understanding of basis agricultural business taxes and their preparation. Special emphasis will be placed on alternative rules for depreciating farm property. The student will also document the income tax implications of alternative business organizational structure. (5-7.5-41.7)		
ABM2035	Profit Maximization III	3
Compares the relationship between input levels and the corresponding output. Demonstrate how to calculate the production response from alternative levels of input allocation within an enterprise and among alternative enterprises. (5-7.5-41.7)		
ABM2036	Profit Maximization IV	3
Defines basic economic concepts that enhance the financial success of an agriculture operation. (5-7.5-41.7)		
ABM2037	Profit Maximization V	3
Analyzes production costs and revenue from an economic standpoint. Identifies the production level that allows profits to be maximized. (5-7.5-41.7)		
ABM2038	Profit Maximization VI	3
Examines the concepts that determines how market prices are established in a purely competitive agriculture environment. (5-7.5-41.7)		
ABM2043	Rural Bus Entrepreneurship I	3
Identifies components of a business plan for a new business venture. This course centers on the collection of data necessary for the development. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture. (5-7.5-41.7)		

Course Number	Course Title	Credits
ABM2044	Rural Bus Entrepreneurship II	3
Develops a customer analysis component for a new venture business plan and analyzes the product/service component. Focuses on the customer analysis component including target customers and customer profiles. Customer wants and needs will be listed and compared with the product/service component. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture. (5-7.5-41.7)		
ABM2045	Rural Bus Entrepreneurship III	3
Identifies target markets and develop a competition analysis for a new business venture. Focuses on identifying target markets and the potential, as well as the development of the competition analysis component of the new venture business plan. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture. (5-7.5-41.7)		
ABM2046	Rural Bus Entrepreneurship IV	3
Identifies the enterprises for a new business venture and the financial statements needed for the development of the financial section. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture. (5-7.5-41.7)		
ABM2047	Rural Bus Entrepreneurship V	3
Develops sale and expense forecasts for the creation of a new venture business plan. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture. (5-7.5-41.7)		
ABM2048	Rural Bus Entrepreneurship VI	3
Identifies startup costs and develops a cash flow for a new business venture. Focuses on the development of a cash flow and evaluation of financial statements. Financial statement evaluation will point to financing needs and identification of business venture risks. Notes: Course content and instruction is individualized to address the specific enterprise and business structure owned and/or operated by the ABM student. Assessment of this course will be based on the student project selected from the approved project list found in the State ABM Master Packer. (ABM courses are subject to CCCS statewide policy as stated in the master packet regarding credit hours, contact hours, competencies, certificates, and required documentation). Contact State Program Director for Agriculture. (5-7.5-41.7)		
ABM2075	Ag/Business Management Special Topics	0.5-6
This course provides the student with continued in depth analysis of their business. It allows for the student to keep up with rapidly changing technology available to the industry. Prerequisite: Instructor approval.		

Accounting

Course Number	Course Title	Credits
ACC1001	Fundamentals of Accounting	3
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. (3-0)		
ACC1011	Introduction to Financial Accounting	3
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. (3-0)		

Course Number	Course Title	Credits
ACC1012	Introduction to Managerial Accounting	3
Focuses on the fundamentals of managerial accounting and cost management as tools to aid internal users' decision-making processes. This course covers basic managerial accounting concepts, such as product costing and cost behavior and control. It also covers internal management decision making tools, including cost-volume-profit analysis, budgeting, cost analysis, and planning and control systems. Prerequisite: Successful completion of ACC1001 or ACC1011 or ACC1021 with a "C" grade or better. (3-0)		
ACC1015	Payroll Accounting	3
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. Prerequisite: Successful completion of ACC1001 or ACC1021 with a "C" grade or better. (3-0)		
ACC1021	Accounting Principles I	4
This course introduces the study of accounting principles for understanding of the theory and logic that underlie procedures and practices. Major topics include the accounting cycle for service and merchandising companies, internal control principles and practices, notes and interest, inventory systems and costing, plant assets and intangible asset accounting. (4-0)		
ACC1022	Accounting Principles II	4
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. Prerequisite: Successful completion of ACC1021 with a "C" grade or better. (4-0)		
ACC1032	Tax Help Colorado	2
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. (2-0)		
ACC1033	Tax Help Colorado Practicum	1
Utilizes income tax knowledge and training in the context of a community service setting. Volunteers prepare individual federal and state income tax within the parameters of the Tax Help Colorado program and Internal Revenue Service (IRS) guidelines. Prerequisite: Successful completion of ACC1032 with a "C" grade or better. (0-1)		
ACC2011	Intermediate Accounting I	4
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.		
ACC2012	Intermediate Accounting II	4
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.		
ACC2035	Computerized Accounting: Small Business	3
Introduces an electronic accounting application for use in a small business. This course will focus on installing and launching the application, converting a manual accounting system to an electronic system, recording daily transactions, and summarizing records in reports for a complete financial picture. Prerequisite: None Co-requisite: ACC1001 or ACC1011 or ACC1021 (3-0)		

Agri-Business

Course Number	Course Title	Credits
AGB1002	Foundations of Agricultural business	3
Focuses on the foundational aspects of the primary agriculture business areas including economics, management, marketing, sales, and finance in an applied manner. Current events in agriculture are discussed with emphasis on application to agribusiness. (3-0)		

Course Number	Course Title	Credits
AGB1020	Agricultural Salesmanship	3
Principles and techniques of agricultural sales as applied to goods and services being sold to individual producers or agricultural businesses. Emphasis will be placed on building business relationships and product training. (3-0)		
AGB2018	Computerized Farm Records	3
Emphasizes the planning and development of record keeping systems, the interpreting and analyzing of agricultural business records, balance sheets, cash flows, and income statements with the aid of a computer. (3-0)		
AGB2028	Agribusiness Management	3
Provides the student with basic management principles and practical experience in applying principles of economics, business, marketing, and finance to the management of an agri-business operation. (2-1.5)		
AGB2080	Agricultural Business Internship II	0.25-10
Upon successful completion of a first agri-business internship AGB1080, the student may enroll in this second internship to gain additional experience in an agri-business field. (Contact hours-10 to 400 or 40 hours = 1 credit)		
AGB2089	Agri-Business Capstone	1
Covers information necessary for employment and for developing job search skills. Students will receive instruction in writing resumes and cover letters, filling out job applications, and developing interviewing skills. Prerequisite: Sophomore agri-business student. (1-0)		

Agricultural Economics

Course Number	Course Title	Credits
AGE1102	Agriculture Economics: GT-SS1	3
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. (3-0)		
AGE2105	Farm and Ranch Management	3
Students will gain practical experience in applying principles of economics, marketing, and finance to the management of an agricultural operation. Students will create their own sample farm or ranch and emphasis will be placed on utilizing computer technology for budgeting and financial planning. Prerequisite: Successful completion of CIS1018 (Ag emphasis preferred) with a "C" grade or better or instructor approval. (2-2)		
AGE2108	Agricultural Finance	3
An introductory course in principles of finance and their application to agriculture and agri-business, including the time value of money, net present value analysis, interest, credit, lending institutions, financial statements, and financial ratios. Prerequisite: Successful completion of AGE1102 with a "C" grade or better. (3-0)		
AGE2110	Agriculture Marketing	3
An applied study of the agricultural marketing system and methods of marketing crops and livestock. Emphasis will be placed on hedging with futures and options. (3-0)		

Production Agriculture

Course Number	Course Title	Credits
AGP1000	Practical Crop Production	4
Cultural practices and production management of selected field crops indigenous to the Great Plains region will be covered. Laboratories in basic crop principles, crop and weed seed and plant identification, crop improvement and grain quality and grades will be covered. (3-1.5)		
AGP1010	Integrated Pest Management	3
Identification and control of economically important weeds, insects and diseases through systems approach management concepts including cultivation, chemical and biological control mechanisms. (1-2)		

Course Number	Course Title	Credits
AGPI045	Beef Cattle Calving Management	2
Offered in cooperation with Colorado State University and will cover management of the cow and calf at calving. Topics to be covered include the process of parturition, dystocia, identifying approaching parturition, assisting with dystocia, and care of the newborn calf. Emphasis is on practical “hands-on” experience. Students will be responsible for transportation to the Eastern Colorado Resource Center (E.C.R.C.) south of Sterling. Students will assist with night and weekend calving at the E.C.R.C. (1-1.5)		
AGPI046	Artificial Insemination Management	2
Provides a study of applied fundamentals of anatomy and reproduction as they pertain to artificial insemination. Handling frozen semen, heat detection and nutritional management for A.I. are emphasized. Individualized training is given in developing and perfecting insemination techniques in live cattle. (1-1.5)		
AGPI047	Practical Cattle Reproduction	2
Studies the fundamentals of cattle reproduction. Principles covered include: nutrition, breeding, system management, physiology of the reproductive tract, hormone function, fertilization, stages of pregnancy, and overall reproductive management of the cow herd. Emphasizes economic decision making and practical experience. Covers practical applications in reproductive management that may include: reproductive tract scoring, pelvic measuring, body condition scoring, artificial insemination and palpating cows. (2-0)		
AGPI048	Cattle Reproduction Lab	1
Development of skills necessary for reproductive management of cattle in Beef/Dairy operations. Covers the practical application of reproductive management techniques and practices utilized in the cattle industry. (0-1.5)		
AGPI060	Ranch Horsemanship Skills	2
An introduction to the skills utilized in ranching operations where horses are involved in moving, sorting, and restraining cattle. Emphasis is placed on safety, proper techniques and in developing proficiency in equipment selection and care, basic horsemanship, riding, and roping. (0-2)		
AGPI080	Production Ag Internship	8
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. (Contact hours-320, 40 hours = 1 credit)		
AGP2004	Soil Fertility and Fertilizers	4
Soil fertility and plant nutrition in crop production, soil–plant relations, diagnostic techniques, and methods of evaluating soil fertility are emphasized. Also included are composition, manufacture, marketing, and use of fertilizer materials and their reactions with soils and plants. Co-requisite: Successful completion of AGY2140 with a "C" grade or better OR instructor approval. (3-1.5)		
AGP2008	Commercial Pesticide License Training	3
Study of the requirements for the qualified supervisor license as outlined in the training manuals published by the Colorado Department of Agriculture. Students may elect to take the certified operator tests if they do not meet the experience qualifications for the qualified supervisors license. Areas studied will be for the general, weeds, agricultural insect, plant disease, and industrial right-of-way tests administered by the Colorado Department of Agriculture. Students may elect to take any of the other tests available. (3-0)		
AGP2015	Animal Health	3
Introduced to methods of prevention, recognition, and treatment of common livestock diseases. Emphasis is placed on understanding the conditions which are normal, what steps the layman should attempt independently, and when to seek professional help. (2-1.5)		
AGP2041	Beef Cattle Management I	3
Provides training in management pertaining to the economics of a commercial cow–calf operation. Topics included are reproduction, feeding, herd health, selection, record keeping, financial management, and marketing. (2-1.5)		
AGP2047	Production Cattle Feeding	3
Provides training with emphasis on production cattle feeding in large and medium size operations. The mechanics and management of feeding operations in Logan County are observed and studied. Three major areas are emphasized: feedlot layout and design, nutrition, and health. (2-1.5)		

Course Number	Course Title	Credits
AGP2080	Production Ag Internship	8
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. The work experience must cover a minimum of 320 hours with the student involved in all facets of this operation. May be waived if the student exhibits substantial knowledge and understanding of production agriculture in the first term and through written documentation of work experience at the time of waiver application. (Contact hours-10 to 480, 4 hours= 1 credit)		
AGP2089	Production Ag Capstone	1
Issues concerning transition into the family agriculture operation will be discussed. As a part of the course a seminar will be open to both students and parents (or future business partners) concerning issues of transition of the agricultural operation to the next generation. Topics concerning completion of the A.A.S. degree will also be addressed. (1-0)		

Agriculture

Course Number	Course Title	Credits
AGR1075	Special Topics	1 to 6
Designed to instruct the student in various topics in agriculture. The student will experience different aspects of the agricultural industry.		
AGR1970	Rodeo I	2
Allows the student-athletes an opportunity to participate in a competitive varsity sports program as dictated by the National Intercollegiate Rodeo Association (NIRA).		
AGR1971	Rodeo II	2
Allows the student-athletes an opportunity to participate in a competitive varsity sports program as dictated by the National Intercollegiate Rodeo Association (NIRA).		
AGR1972	Rodeo III	2
Allows the student-athletes an opportunity to participate in a competitive varsity sports program as dictated by the National Intercollegiate Rodeo Association (NIRA).		
AGR1973	Rodeo IV	2
Allows the student-athletes an opportunity to participate in a competitive varsity sports program as dictated by the National Intercollegiate Rodeo Association (NIRA).		
AGR1974	Rodeo V	2
Allows the student-athletes an opportunity to participate in a competitive varsity sports program as dictated by the National Intercollegiate Rodeo Association (NIRA).		
AGR2035	Precision AG Operations	3
Introduces various methods in precision navigation of agricultural equipment utilizing Global Positioning Systems (GPS) and other support networks. Focus is placed on working with control consoles, equipment, GIS data integration, field planning, zone management, and variable rate applications. Attention is also given to differential correction systems, error sources, environmental variables, and precision accuracy. (2-1.5)		
AGR2036	Precision Farming Hardware	3
Focuses on the installation, operation, and troubleshooting of precision farming hardware components. Proper installation, operation, and troubleshooting of displays, GPS equipment, variable rate controllers, and other components used within precision agriculture applications are covered. (2-1.5)		
AGR2075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
AGR2160	World Interdependence /Population/Food: GT-SS3	3
Covers the study of world population and food production and distribution. Problems and opportunities concerning population and food are discussed in a global context. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. (3-0)		
AGR2970	Rodeo VI	2
Allows the student-athletes an opportunity to participate in a competitive varsity sports program as dictated by the National Intercollegiate Rodeo Association (NIRA).		

Course Number	Course Title	Credits
AGR2971	Rodeo VII	2
Allows the student-athletes an opportunity to participate in a competitive varsity sports program as dictated by the National Intercollegiate Rodeo Association (NIRA).		

Agronomy

Course Number	Course Title	Credits
AGY1100	General Crop Production	4
Production and adaptation of cultivated crops, with emphasis on crops grown in the western region of the United States. Principles affecting growth, development, production, and use will be covered. (3-2)		
AGY2075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
AGY2085	Independent Study	1 to 6
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.		
AGY2140	Introduction Soil Science: GT-SC1	4
Focuses on formation, physical properties, chemical properties, and management of soils emphasizing conditions that affect plant growth. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. Prerequisites: Any CHE Course or instructor approval. (3-2)		

Agriculture Mechanics

Course Number	Course Title	Credits
AME1005	Basic Ag Mechanic Skills	2
Includes safety, proper tool use, tool reconditioning, A.C. electricity, D.C. electricity, domestic water supply, and farm sanitation systems. (1-2)		
AME1007	General Power Mechanics	2
Designed to teach the theory of operation and the maintenance of small engines and related power equipment used on the farm. (1-2)		
AME1018	Farm Carpentry	3
Includes safety, hand and power tool use, farm building planning and site location, concrete, farm building design and construction, and materials of construction. (1-4)		
AME1025	Agricultural Machinery	3
The safe operation, construction, purpose, maintenance, and adjustment of farm machinery are emphasized in this course. (2-2)		
AME1051	Fundamentals of Welding	3
Designed to develop basic welding skills, principles, and practices in arc and oxy-acetylene welding. (1-4)		
AME1052	Welding for Agriculture Educators	4
This course was designed to provide the CSU Agriculture Education student with the opportunity to develop welding skills that are commonly taught as part of a high school agriculture education curriculum. NOTE: This course may not be offered at NJC.		

Anthropology

Course Number	Course Title	Credits
ANT1001	Cultural Anthropology: GT-SS3	3
Examines the study of human cultural patterns, including communication, economic systems, social and political organizations, religion, healing systems, and cultural change. Prerequisite: College Readiness in English. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. (3-0)		

Course Number	Course Title	Credits
ANT1002	Cultural Anthropology Lab: GT-SS3	1
Studies the art and science of ethnographic research methods. This course analyzes classic ethnographies, conducts field research projects, writes model ethnographies and ethnologies, and addresses ethical debates and controversies. Prerequisite: College Readiness in English. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. (0-2)		
ANT1003	Introduction to Archaeology: GT-SS3	3
Introduces the science of recovering the human prehistoric and historic past through excavation, analysis, and interpretation of material remains. This course provides a survey of the archaeology of different areas of the Old and New Worlds. Also includes the works of selected archaeologists and discussions of major archaeological theories. Prerequisite: College Readiness in English. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. (3-0)		
ANT1004	Archaeology Lab: GT-SS3	1
Studies analytical methods in archaeological research including those employed in the field and in the laboratory. This course utilizes practical exercises to illustrate theoretical principles of archaeology, including methods of archaeological survey, excavation, artifact analysis, collection strategies, mapping strategies, and field interpretation. Prerequisite: College Readiness in English. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. (0-2)		
ANT1005	Bio Anthropology with Laboratory: GT-SC1	4
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 revolutionary history. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. Prerequisite: College Readiness in English (3-2)		
ANT2075	Special Topics	1 to 6
Provides opportunity for off-campus field experience or study of a special topic in anthropology. Field study may occur at archaeological sites, museums, host educational institutions, within ethnographic situations, or other anthropologically appropriate places. Study of a special topic may include that derived from physical anthropology, cultural anthropology, archaeology, or other anthropological discipline.		
ANT2115	Native Peoples of North America: GT-SS3	3
Studies the origins of native peoples in the New World, through the development of geographic culture areas, to European contact and subsequent contemporary Native American issues. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English (3-0)		
ANT2125	Anthropology of Religion: GT-SS3	3
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. Prerequisite: College Readiness in English (3-0)		
ANT2315	Introduction to Forensic Anthropology with Lab: GT-SS3	4
Covers the basic principles of forensic anthropology, an applied field within the discipline of biological anthropology. The course includes the study of the human skeleton, practical application of biological anthropology and archaeology, and judicial procedure, as they relate to the identification of human remains within a medico-legal context. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. Prerequisite: College Readiness in English and Quantitative Literacy Math (3-2)		
ANT2550	Medical Anthropology: GT-SS3	3
Explores the basic principles of medical anthropology, an applied field within the discipline of cultural anthropology, including the cross-cultural study of illness, health, healing, death, globalization, and the interaction of the medical systems between cultures. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English (3-0)		

Art

Course Number	Course Title	Credits
ART1002	Visual Concepts 2-D Design	3
Examines the basic elements of design, visual perception, and artistic form and composition as they relate to two-dimensional media. (0-6)		

Course Number	Course Title	Credits
ART1003	3-D Design	3
Introduces the fundamentals of three-dimensional design, form and space. This course applies the elements and principles of design to three-dimensional problems. (0-6)		
ART1075	Special Topics:	1 to 6
Provides student with a vehicle to pursue in depth exploration of a special topic of interest.		
ART1085	Independent Study	1 to 6
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.		
ART1110	Art Appreciation: GT-AH1	3
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. (3-0)		
ART1111	Art History Ancient to Medieval: GT-AH1	3
Provides the knowledge base to understand the visual arts, especially as related to Western Culture. Surveys the visual arts from the Ancient through Medieval Periods. This is a Statewide Guaranteed Transfer course in the GT-AH1 category. (3-0)		
ART1112	Art History Renaissance to 1900: GT-AH1	3
Provides the knowledge base to understand the visual arts, especially as related to Western Culture. Surveys the visual arts from the Renaissance to 1900. This is a Statewide Guaranteed Transfer course in the GT-AH1 category. (3-0)		
ART1113	Art History 1900 to Present: GT-AH1	3
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)		
ART1118	Art Education Methods	3
Focuses on a multimedia approach to teaching art. Emphasizes strong creative presence, philosophy, and techniques in drawing, painting, printmaking, and other media. ART or EDU credit available, but credit will be granted for only one option. (3-0)		
ART1201	Drawing I	3
Investigates the various approaches and media that students need to develop drawing skills and visual perception. (0-6)		
ART1202	Drawing II	3
Explores expressive drawing techniques with an emphasis on formal composition, black and white, color media, and content or thematic development. Prerequisite: Successful completion of ART1201 with a "C" grade or better. (0-6)		
ART1301	Painting I	3
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. (0-6)		
ART1302	Painting II	3
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. Prerequisite: Successful completion of ART1301 with a "C" grade or better. (0-6)		
ART1307	Watercolor I	3
Provides an introduction to the basic techniques and unique aspects of materials involved in the use of either transparent or opaque water media or both. Color theory is included. (0-6)		
ART1401	Digital Photography I	3
Presents the fundamental 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. (2-2)		
ART1402	Film Photography I	3
Introduces black and white photography as a fine art medium and develops skills necessary for basic camera and lab operations. (2-2)		

Course Number	Course Title	Credits
ART1501	Printmaking I	3
Introduces the basic techniques and skills of printmaking as a fine art media. Instruction includes an understanding of visual concepts as they relate to prints. May include introduction to relief, intaglio, lithography, and screen printing techniques. (0-6)		
ART1601	Sculpture I	3
Introduces the fundamentals of sculpture such as modeling, casting, carving, and the processes of assemblage. (0-6)		
ART1703	Ceramics I	3
Introduces traditional and contemporary approaches to ceramic forms and processes, with an emphasis on hand building techniques, and a basic introduction to the potter's wheel. This course includes basic surface design, glaze and kiln firing procedures. (0-6)		
ART1704	Ceramics II Wheel Throwing	3
Course covers ceramic wheel throwing and explores intermediate-level traditional and contemporary approaches to ceramic form and processes. This course emphasizes wheel throwing techniques and forms. It covers additional development of surface design, glazing, glaze formulation and kiln firing procedures. Prerequisite: Successful completion of ART1703 with a "C" grade or better. (0-6)		
ART1805	Stained Glass I	3
Develops a basic understanding and approach to stained glass. Students gain an understanding of and appreciation for the properties of glass and the nature of finished stained glass construction. (0-6)		
ART1806	Stained Glass II	3
A continuation of Stained Glass I, students advance to a clearer, but still basic understanding and approach to stained glass. Students gain a greater understanding of and appreciation for the properties of glass and the nature of finished stained glass construction. Prerequisite: Successful completion of ART1805 with a "C" grade or better. (0-6)		
ART2002	Advanced Visual Concepts 2-D Design	3
Provides continued study of the principles and elements of two-dimensional design with an emphasis on visual communication for further application in fine art, commercial art, and/or applied arts. Prerequisite: Successful completion of ART1002 with a "C" or better. (0-6)		
ART2003	Advanced Visual Concepts 3-D Design	3
Provides continued study of the principles and elements of three dimensional design with an emphasis on visual communication for further application in fine art, commercial art, and/or applied arts. Prerequisite: Successful completion of ART1003 with a "C" or better. (0-6)		
ART2201	Drawing III	3
Offers a continued study of expressive drawing techniques and development of individual style with an emphasis on composition and technique variation. Prerequisite: ART1202 (0-6)		
ART2202	Drawing IV	3
Explores advanced drawing problems with an emphasis on conceptual development and portfolio and/or exhibition quality presentation. Prerequisite: ART2201 (0-6)		
ART2301	Painting III	3
Provides continued exploration of techniques, materials, and concepts used in opaque painting processes in oil or acrylic painting, with emphasis on composition and content development. Prerequisite: ART1302 (0-6)		
ART2302	Painting IV	3
Explores advanced techniques, materials, and concepts used in opaque painting processes with emphasis on the development of themes and a cohesive body of work. Prerequisite: ART2301 (0-6)		

Animal Science

Course Number	Course Title	Credits
ASC1015	Introduction to Livestock Evaluation	1
Designed to explore principles and economic value of traits considered in meat animal selection. In addition, emphasis will be placed on terminology used in describing meat animal conformation. It will provide experience to the student in correctly evaluating meat animal classes and defending their evaluation with oral reasons using industry acceptable terminology. (0-2)		

Course Number	Course Title	Credits
ASC1043	Elementary Western Equitation	2
Provides the student with an introduction to basic safe handling and riding of the Western horse. (0-4)		
ASC1100	Animal Sciences	3
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. (3-0)		
ASC1101	Animal Sciences Lab	1
Focuses on practical and laboratory applications of the fundamentals of livestock production and animal science. (0-2)		
ASC1102	Introduction to Equine Science	4
This course covers the basics of the equine industry, breeds, selection, form to function, care and management, soundness, health, reproduction, feeding, facilities, physiology, production systems, and management systems. (3-2)		
ASC1105	Introduction to Large Animal Anatomy	1
Introduction to basic gross anatomy of livestock and large animals used in agriculture. (0-2)		
ASC2015	Livestock Judging	2
Emphasizes comparative selection, grading, and judging of market and breeding classes of livestock based on knowledge of phenotype, performance, information, and/or carcass merit. (0-4)		
ASC2043	Intermediate Western Equitation	2
Provides the student basic to intermediate horsemanship and maneuvers, improved body position, and advanced control. Prerequisites: Successful completion of ASC1043 with a "C" grade or better OR instructor approval. (0-4)		
ASC2045	Equine Evaluation	3
Focuses on a system of development for evaluating a horse's conformation and its relationship to performance. Covers various aspects of evaluating horses while enhancing the student's deductive reasoning and public speaking skills. (3-0)		
ASC2075	ST: Advanced Western Equitation	.25-10
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
ASC2085	IS: Advanced Livestock Judging	.25-10
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.		
ASC2125	Feeds and Feeding	4
A study of the basic nutrients, common feeds, and feed additives fed to livestock, anatomy of digestive systems, and basic feeding practices for beef, sheep, swine, horses, and dairy. The lab portion of this class will be devoted to calculating and balancing rations to fulfill nutrient requirements for farm animals for growth, finishing, reproduction and lactation, and work. Prerequisite: Successful completion of ASC1100 with a "C" grade or better. (3-2)		
ASC2130	Farm Animal Anatomy & Physiology	3
Introduces students to the basic concepts of farm animal anatomy and physiology with emphasis on concepts relating to nutrition, reproduction, Immunology, and growth of the basic farm species. Anatomy and Physiology is taught in the context of applying basic principles to production practices in the industry including reproductive management, livestock nutrition management, and animal health practices. Prerequisites: BIO1111 and ASC1100 with a "C" grade or better OR instructor approval. (3-0)		
ASC2150	Live Animal/Carcass Evaluation	3
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. Prerequisite: Successful completion of ASC1100 with a "C" grade or better. (3-0)		
ASC2188	Livestock Practicum	2
Provides experiential learning with beef cattle, dairy cattle, swine, and sheep. (1-2)		

Auto Service Technology

Course Number	Course Title	Credits
ASE1001	Auto Shop Orientation	2
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. (1-2)		
ASE1003	Auto Maintenance I	2
Covers the basics of how various systems on the automobile operate, maintenance requirements, and financial concerns related to operating and maintaining an automobile. Prerequisites: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1010	Automotive Brake Service I	2
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. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1011	Automotive Brake Service II	2
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. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1020	Basic Automotive Electricity	2
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. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1022	Automotive Electrical Safety Systems	1
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. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (0.5-1)		
ASE1023	Starting & Charging Systems	2
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. Prerequisites: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1030	General Engine Diagnosis	2
Covers how to perform basic engine diagnosis to determine condition of engine including engine support systems. This course meets MLR/AST/MAST requirements. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1034	Automotive Fuel & Emissions Systems I	2
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. Prerequisites: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1040	Suspension & Steering I	2
Focuses on diagnosis and service of suspension and steering systems and components. This course meets MLR/AST/MAST requirements. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1041	Suspension & Steering II	2
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. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1050	Manual Drive Trans & Axle Maintenance	2
Covers the operating principles and repair procedures relating to axle-shafts, propeller shafts, and universal joints. This course meets MLR/AST/MAST requirements. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		

Course Number	Course Title	Credits
ASE1051	Automotive Manual Transmission/Transaxles & Clutches I	2
Focuses on the diagnosis and repair of automotive manual transmissions, transaxles, clutches, and related components. This course meets AST/MAST requirements. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1060	Automotive Engine Repair	2
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. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1062	Automotive Engine Service Repair	2
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. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1065	Automotive Machining	2
Focuses on the machining processes used to repair or build the automotive engine, using up-to-date machines and equipment to recondition connecting rods, engine blocks, cylinder heads, valves, flywheels, crankshafts, pistons, and also including brake drum and rotor service. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE1075	Special Topics	2
Exploration of current topics, issues, and activities related to one or more aspects of the named discipline. (1-2)		
ASE1091	Automotive Engine Repair & Rebuild	4
Focuses on the disassembly, diagnosis, and reassembly of the automotive engine including the diagnostic and repair procedures for the engine block and cylinder head assemblies. This course meets MAST requirements. (1-5)		
ASE1092	Manual Transmission, Transaxles and Clutches II	3
Focuses on the diagnosis and repair of automotive differentials, four wheel drive units, and all-wheel drive units. This course meets MAST requirements. (1-3.5)		
ASE2010	Automotive Power & ABS Brake Systems	2
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. Prerequisite: ASE1001 (1-2)		
ASE2020	Specialized Electronics Training	2
Provides a systematic approach to automotive electrical and electronic systems. This course applies electrical principles to semiconductors and microprocessors commonly found in automobiles and covers diagnostic procedures that have applications to present and future automotive electronics and electrical systems. Prerequisites: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE2035	Drivability & Diagnosis	2
Focuses on diagnostic techniques and the use of diagnostic scan tools, oscilloscopes, lab scopes, multi-meters, and gas analyzers. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE2050	Automatic Transmission/Transaxle Service	1
Focuses on practical methods of maintaining, servicing, and performing minor adjustments on an automatic transmission and transaxle. This course meets MLR/AST/MAST requirements. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (0.5-1)		
ASE2051	Automatic Transmission/Transaxle Repair	3
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. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-3.5)		
ASE2052	Advanced Automatic Transmission/Transaxle O/H	2
Covers the diagnosis, repair, and rebuild of automatic transmissions and transaxles including the hydraulic, electronic, and mechanical components. This course meets MAST requirements. Prerequisite: Successful completion of ASE1001 with a "C" grade or better. (1-2)		
ASE2064	Introduction to Automotive Heating and Air Conditioning	1
Covers basic operation of heating and air conditioning components. This course meets MLR/AST/MAST requirements. (0.5-1)		

ASE2095	Heating and Air Conditioning Systems	3
Covers the diagnosis and service of vehicle heating and air conditioning systems and their components. This course meets AST/MAST requirements. (1-3.5)		
ASE2191	Automotive and Diesel Body Electrical	3
Provides a comprehensive study of the theory, operation, diagnosis, and repair of vehicle accessories. This course meets AST/MAST requirements. (1-3.5)		
ASE2192	Automotive Computers and Ignition Systems	3
Focuses on the inspection and testing of typical computerized engine control and ignition systems. This course meets AST/MAST requirements. (1-3.5)		
ASE2193	Auto Fuel Injection and Emissions Systems II	3
Focuses on the diagnosis and repair of electronic fuel injection systems and modern exhaust systems. This course meets AST/MAST requirements. (1-3.5)		
ASE2194	Suspension & Steering III	3
Covers operation of steering and power steering systems including different alignment types and procedures. (1-3.5)		

Astronomy

Course Number	Course Title	Credits
AST1110	Astronomy with Lab: Planetary Systems: GT-SC1	4
Focuses on the history of astronomy, naked eye observations, tools of the astronomer, contents of the solar system, and life in the universe. Incorporates laboratory experience. Prerequisite: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. (3-2)		
AST1120	Astronomy with Lab: Stars and Galaxies: GT-SC1	4
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. Prerequisite: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. (3-2)		

Barber

Course Number	Course Title	Credits
BAR1007	Introduction to Shaving, Honing & Stropping	1
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. (1-0)		
BAR1008	Intermediate Shaving, Honing & Stropping	1
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. (1-0)		
BAR1030	Introduction to Hair Styling	3
Combines theory with the practical application of air forming curling iron, finger waving, soft pressing and hard pressing. (1-3)		
BAR2007	Advanced Shaving, Honing & Stropping	1
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. (1-0)		
BAR2020	Advanced Hair Cutting	3
Provides theory and advanced techniques in all phases of hair cutting to ready the student for employment. Covers student preparation for State Board licensing examination on theory and practical procedures. Training is a combination of supervised work and specialized classes. (1-3)		
BAR2031	Advanced Hair Styling	3
Focuses on theory and advanced techniques in all phases of hair styling to prepare the student for employment. Training is a combination of supervised salon (clinical) work and specialized classes. Includes student preparation for the State Board Licensing Examination relating to hairstyling. (1-3)		
BAR2066	Advanced Facial Massage & Skin Care	1
Emphasizes anatomy, skin disorders, skin types and facial shapes. Students guide patrons on selection of proper skin care treatments. Covers student preparation for State Board licensing examination on theory and practical procedures. (1-0)		

Biology

Course Number	Course Title	Credits
BIO1003	Principles of Animal Biology: GT-SC2	3
Introduces the student to the study of animals and their interactions with the environment. This course includes principles of evolution, taxonomy, phylogeny, morphology, behavior and ecology. It includes the study of animal diversity, emphasizing the characteristics and classifications of major phyla. The loss of biodiversity and conservation will also be covered. Recommendation: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the GT-SC2 category. (3-0)		
BIO1004	Biology: A Human Approach: GT-SC1	4
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. Recommendation: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. (3-2)		
BIO1005	Science of Biology: GT-SC1	4
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 laboratory experience. Designed for non-science majors. Recommendation: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. (3-2)		
BIO1006	Basic Anatomy And Physiology	4
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. Recommendation: College Readiness in English and Quantitative Literacy Math.		
BIO1010	Biology Foundations: Prep for Anatomy & Physiology and Microbiology	2
Introduces foundational concepts for Human Anatomy and Physiology as well as Microbiology including macromolecules and cell structures, functions, and processes. This is a non-laboratory course. (2-0)		
BIO1016	Introduction to Human Disease: GT-SC2	3
Focused analysis of the causes and mechanics of human illness and death will be presented for each of the major human body systems. Selected diseases will be studied in greater detail including etiology, pathogenesis, epidemiology, sociology, and therapy. This is a Statewide Guaranteed Transfer course in the GT-SC2 category. (3-0)		
BIO1075	Special Topics	1 to 6
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
BIO1111	General College Biology I with Lab: GT-SC1	5
Examines the fundamental molecular, cellular, and genetic principles characterizing plants and animals. Includes cell structure and function, the metabolic processes of respiration, and photosynthesis, as well as cell reproduction and basic concepts of heredity. This course includes laboratory experience. Prerequisite: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. (4-2)		
BIO1112	General College Biology II with Lab: GT-SC1	5
Examines the fundamental principles of ecology, evolution, classification, structure, and function in plants and animals. This course includes laboratory experience. Prerequisite: College Readiness in English and Quantitative Literacy Math. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. (4-2)		
BIO2101	Human Anatomy & Physiology I with Lab: GT-SC1	4
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. Prerequisite: Successful completion of BIO1111 OR BIO1010 with a "C" grade or better. (3-2)		

Course Number	Course Title	Credits
BIO2102	Human Anatomy & Physiology II with Lab: GT-SC1	4
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. Prerequisite: Successful completion of BIO 2101 with a "C" grade or better. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. (3-2)		
BIO2104	Microbiology with Lab: GT-SC1	4
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. Prerequisite: Successful completion of BIO1111 OR BIO1010 with a "C" grade or better. (3-3)		
BIO2108	General College Microbiology with Lab: GT-SC1	5
Surveys microorganisms with an emphasis on their structure, development, physiology, classification, and identification. Microbial diversity, functional anatomy, biochemistry, genetics, ecology, and disease are included. Mandatory hands-on laboratory experience includes sterile technique, microscopy, culture procedures, and biochemical and genetic analysis. This course is designed for biology and health science majors. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. Prerequisite: Successful completion of BIO1111 or BIO1010 with a "C" grade or better. (4-3)		
BIO2116	Human Pathophysiology	4
Focuses on the alterations in physiological, cellular, 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. Prerequisite: Successful completion of BIO2101 with a "C" grade or better and Prerequisite or Co-requisite: BIO2102 (4-0)		
BIO2121	Botany with Lab: GT-SC1	5
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. Prerequisite: Successful completion of BIO1112 OR NRE1100 OR HLT1101 with a "C" grade or better. This is a Statewide Guaranteed Transfer course in the GT-SC1 category.		

Business

Course Number	Course Title	Credits
BUS1002	Entrepreneurial Operations	3
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. (3-0)		
BUS1015	Introduction to Business	3
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. (3-0)		
BUS1016	Personal Finance	3
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. (3-0)		
BUS1020	Introduction to E-Commerce	3
Provides an introduction to electronic commerce and the business trends in the dynamic e-commerce environment. This course covers the definition of e-commerce, technology and software requirements, security issues, electronic payment and marketing strategies. This course focuses on what to expect in business-to consumer (B2C) and business-to-business (B2B) e-commerce markets when creating an e-business. (3-0)		

Course Number	Course Title	Credits
BUS1075	Special Topics in Business	1 to 6
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. (.25 to 7-0)		
BUS2016	Legal Environment of Business	3
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. (3-0)		
BUS2017	Business Communication/Report Writing	3
Emphasizes effective business writing and cover letters, memoranda, reports, application letters, and resumes. Includes the fundamentals of business communication and an introduction to international communication. Suggested Prerequisite: Sentence Skills Accuplacer score of 95. (3-0)		
BUS2026	Business Statistics	3
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. (3-0)		

Computer Assisted Drafting

Course Number	Course Title	Credits
CAD1101	Computer Aided Drafting/2D I	3
Focuses on basic computer aided drafting skills using the AutoCAD software. Includes file management, Cartesian coordinate system & dynamic input, drawing templates, drawing aids, linetype and lineweights, layer usage, drawing & editing geometric objects, polylines & splines, array, text applications, creating tables, basic dimensioning and Help access. (3-0)		



Chemistry

Course Number	Course Title	Credits
CHE1011	Introduction to Chemistry I with Lab: GT-SC1	5
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. Prerequisite: College Readiness in English and Quantitative Literacy Math. (4-2)		
CHE1012	Introduction to Chemistry II with Lab: GT-SC1	5
Focuses on introductory organic and biochemistry (sequel to Introduction to Chemistry I). This course includes the study of hybridization of atomic orbitals for carbon, nomenclature of both organic and biochemical compounds, physical and chemical properties of various functional groups of organic chemistry, and physical and chemical properties of biochemical compounds along with their biochemical pathways. Laboratory experiments are included. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. Prerequisite: College readiness in English and CHE1011. (4-2)		
CHE1111	General College Chemistry I with Lab: GT-SC1	5
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. Prerequisite: College Readiness in English and MAT1340 or higher and (CHE1011 or High School Chemistry). (4-3)		

Course Number	Course Title	Credits
CHE1112	General College Chemistry II with Lab: GT-SC1	5
Presents concepts in the areas of solution properties, chemical kinetics, chemical equilibrium, acid-base and ionic equilibrium, thermodynamics, and electrochemistry. This course emphasizes problem solving skills and descriptive contents for these topics. Laboratory experiments demonstrate qualitative and quantitative analytical techniques. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. Prerequisite: Successful completion of CHE1111 and MAT1340 with a "C" grade or better. (4-3)		
CHE2085	Independent Study	1 to 6
Provides the opportunity for the highly motivated student to engage in intensive study and research on a specified topic under the direction of a faculty member. Allows a student to complete a course in a semester when the course has not been offered or has been canceled. The option to make independent study available is at the discretion of qualified faculty and the department chair. The student is limited to the number of independent study courses taken per semester. Prerequisite: Instructor Approval.		
CHE2105	Introduction to Organic Chemistry with Lab	5
Focuses on compounds associated with the element carbon, their reactions, and synthesis. Includes structure, physical properties, reactivities, synthesis and reactions of aliphatic hydrocarbons and selected functional group families including alcohols, ethers, aromatics, aldehydes, ketones, amines, amides, esters, and carboxylic acids. Covers nomenclature, stereochemistry, and reaction mechanisms. Includes reactions and reaction mechanisms of aromatic compounds. Designed for students needing one semester of organic chemistry. Prerequisite: Successful completion of CHE1011 or CHE1111 with a "C" grade or better. (4-3)		
CHE2111	Organic Chemistry I with Lab	5
Focuses on compounds associated with the element carbon including structure and reactions of aliphatic hydrocarbons and selected functional group families. The course covers nomenclature of organic compounds, stereochemistry, and reaction mechanism such as SN1, SN2, E1 and E2. Laboratory experiments demonstrate the above concepts plus the laboratory techniques associated with organic chemistry. Prerequisite: Successful completion of CHE1112 with a "C" grade or better. (4-3)		
CHE2112	Organic Chemistry II with Lab	5
Explores the chemistry of carbon-based compounds, their reactions, and synthesis, including the structure, physical properties, reactivities, and synthesis of organic functional groups not covered in the Organic Chemistry I. The course explores functional groups including alcohols, ethers, aromatics, aldehydes, ketones, amines, amides, esters, and carboxylic acids and the reactions and reaction mechanisms of aromatic compounds. An introduction to biochemical topics may be included if time permits. Laboratory experiences demonstrate the above concepts and the laboratory techniques associated with organic chemistry. Prerequisite: Successful completion of CHE2111 with a "C" grade or better. (4-3)		

Computer Information Systems

Course Number	Course Title	Credits
CIS1018	Introduction to PC Applications	3
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. (3-0)		

Community Education

Course Number	Course Title	Credits
CMED1000	Annie's Project	
This six-week course is a discussion-based workshop bringing women together to learn from experts in production, financial management, human resources, marketing and the legal field. There's plenty of time for questions, sharing, reacting and connecting with your presenters and fellow participants. It's a relaxed, fun and dynamic way to learn, grow and meet other farm/ranch women.		

Computer Networking

Course Number	Course Title	Credits
CNG1009	Computer Networking Lab	3
Demonstrates problem-solving skills in data communications, telecommunications and networking. Covers workstation operation, wiring and cabling, network construction using a variety of network/internet devices, and configuring and managing Novell and Windows 2000 operating systems. (3-0)		
CNG1020	A+ Certification Preparation	4
Prepares students for the CompTIA A+ certification examination. PC hardware and operating system installation, configuration and troubleshooting are practiced and reviewed using A+ techniques.		

Communication

Course Number	Course Title	Credits
COM1075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. (0-0)		
COM1150	Public Speaking	3
Combines the basic theory of speech communication with public speech performance skills. Emphasizes on speech delivery, preparation, organization, support, audience analysis, and delivery. (3-0)		
COM1250	Interpersonal Communication: GT-SS3	3
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. (3-0)		
COM2220	Group Communication: GT-SS3	3
Examines group communication theories with an emphasis on leadership and group behaviors. The course provides opportunities for group participation. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. (3-0)		
COM2250	Organizational Communication	3
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. (3-0)		
COM2300	Intercultural Communication: GT-SS3	3
Provides a global view of communication across cultures and brings an awareness of how perception, language, race, verbal and nonverbal communication impact our behaviors, messages, and interactions. Emphasis is on developing effective and ethical cross-cultural communication skills while also building an appreciation for different cultures. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. (3-0)		
COM2400	Argumentation and Debate	3
Introduces the student to the theory of argumentation including reasoning, evidence, refutation, critical thinking, and extemporaneous speaking. The course includes practice in preparation and oral analysis of selected arguments and styles of debating. (3-0)		

Cosmetology

Course Number	Course Title	Credits
COS1003	Introduction to Hair and Scalp	1
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. (1-0)		
COS1010	Introduction: Hair Coloring	2
Provides 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 techniques and procedures for the application of hair coloring. (1-1.5)		
COS1011	Intermediate I Hair Coloring	2
Expands on hair coloring theory and practical application of color products, formulations of color, level and shades of color. Students will learn application techniques in a specialized class or in a supervised salon setting. Prerequisite: Successful completion of COS1010 with a "C" grade or better. (0-3)		

Course Number	Course Title	Credits
COS1020	Introduction: Hair Cutting	2
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. (1-1.5)		
COS1021	Intermediate: Hair Cutting	2
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 haircutting techniques in specialized classes or in the supervised salon. Prerequisite: Successful completion of COS1020 with a "C" grade or better. (0-3)		
COS1030	Introduction: Hair Styling	2
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. (1-1.5)		
COS1031	Intermediate: Hair Styling	2
This course covers the accepted methods of styling hair, air forming, roller sets, finger waves, pin curls, braiding, and hair pressing. Prerequisite: Successful completion of COS1030 with a "C" grade or better. (0-3)		
COS1040	Introduction: Chemical Texture	1
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. (1-0)		
COS1041	Intermediate: Chemical Texture	1
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. Prerequisite: Successful completion of COS1040 with a "C" grade or better. (0-1.5)		
COS1050	Laws, Rules, and Regulations	1
This course covers laws, rules, and regulations governing the beauty industry in Colorado and accountability for the student, licensed individual, salons, and school owners. (1-0)		
COS1060	Introduction: Disinfection/Sanitation/Safety	2
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. (1-1.5)		
COS1061	Intermediate: Disinfection/Sanitation/Safety	1
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. Prerequisite: Successful completion of COS1060 with a "C" grade or better. (0-1.5)		
COS2003	Intermediate I: Hair and Scalp	1
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. Prerequisite: Successful completion of COS1003 with a "C" grade or better. (0-1.5)		
COS2010	Intermediate II: Hair Coloring	2
This course covers theory and practical application of color products, formulations of color, level and shades of color. Students will practice hair coloring techniques in a specialized class or in a supervised salon setting. Prerequisite: Successful completion of COS1011 with a "C" grade or better. (0-3)		
COS2011	Advanced Hair Coloring	2
This course covers advanced theory and practical techniques in hair coloring. 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. Prerequisite: Successful completion of COS2010 with a "C" grade or better. (0-3)		

Course Number	Course Title	Credits
COS2020	Intermediate II: Haircutting	2
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. Prerequisite: Successful completion of COS1021 with a "C" grade or better. (0-3)		
COS2021	Advanced Cutting	2
This course covers advanced haircutting techniques utilizing multiple cutting tools and emphasizes current fashion trends and preparation for the Colorado State Licensure examination. Prerequisite: Successful completion of COS0220 with a "C" grade or better. (0-3)		
COS2030	Intermediate II: Hair Styling	2
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. Prerequisite: Successful completion of COS1031 with a "C" grade or better. (0-3)		
COS2031	Advanced Hair Styling	1
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. Prerequisite: Successful completion of COS2030 with a "C" grade or better. (0-1.5)		
COS2040	Intermediate II: Chemical Texture	1
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. Prerequisite: Successful completion of COS1041 with a "C" grade or better. (0-1.5)		
COS2041	Advanced Chemical Texture	1
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. Prerequisite: Successful completion of COS2040 with a "C" grade or better. (0-1.5)		
COS2050	Business Management/Personal Skills/Ethics	1
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. (1-0)		
COS2060	Intermediate II: Infection Control and Prevention	2
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. Prerequisite: Successful completion of COS1061 with a "C" grade or better. (1-1)		
COS2061	Advanced Disinfection/Sanitation/Safety	1
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. Prerequisite: Successful completion of COS2060 with a "C" grade or better. (0-1.5)		
COS2075	Special Topics	0.5-6
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
COS2079	Seminar/Workshop	0.5-6
This course provides students with an experiential learning opportunity.		
COS2080	Internship	0.5-6
This course provides students with the opportunity to supplement coursework with practical work experience related to their educational programs. Students work under the immediate supervision of experienced personnel at the business location and with the direct guidance of the instructor.		
COS2085	Independent Study	0.5-6
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.		

Course Number	Course Title	Credits
COS2088	Practicum	0.5-6
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.		
COS2089	Capstone	0.5-6
Provides advanced training in all course areas and prepares student for the State Board Licensing Examination. Hours will be arranged. Prerequisite: Student must have acquired 1,000 hours or more.		
COS2090	Professional Dev/Continuing Ed	0.5-6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		

Criminal Justice

Course Number	Course Title	Credits
CRJ1010	Introduction to Criminal Justice: GT-SS3	3
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. (3-0)		
CRJ1025	Policing Systems	3
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. (3-0)		
CRJ1027	Crime Scene Investigation	3
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. (3-0)		
CRJ1035	Judicial Function	3
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. (3-0)		
CRJ1045	Correctional Process	3
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. (3-0)		
CRJ1046	Community Based Corrections	3
Introduces an analysis of community based correctional programs and procedures. Emphasizes the environment and the relationship to public safety, reintegration, and punishment. (3-0)		
CRJ1085	Independent Study	1 to 6
This course meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.		
CRJ2005	Principles of Criminal Law	3
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. (3-0)		
CRJ2009	Criminal Investigation I	3
Covers the function of the preliminary investigation at a crime scene to include securing the scene, crime scene searches, police drawings, and recognition and collection of evidence. (3-0)		

Course Number	Course Title	Credits
CRJ2010	Constitutional Law	3
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.		
CRJ2020	Human Relations and Social Conflict	3
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. (3-0)		
CRJ2030	Criminology	3
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. (3-0)		
CRJ2031	Introduction to Forensic Science: Criminalist	3
Exploration of the fundamentals of forensic science that are essential for gathering evidence at the crime scene and analyzing it in the crime laboratory. (3-0)		
CRJ2035	Delinquent Behavior	3
Focuses on the adolescent who violates social and legal norms and the consequences for the individual and society. Emphasizes the social and psychological factors influencing individual delinquent patterns. (3-0)		
CRJ2036	CRJ Research Methods	3
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. (3-0)		
CRJ2057	Victimology	3
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. (3-0)		
CRJ2068	Criminal Profiling	3
Examines the theories of crime causation in relationship to criminal profiling. Studies include the investigation of serial killers, their motivations, behaviors, and identification of psychological and sociological explanations related to criminal acts. (3-0)		
CRJ2075	Special Topics	1 to 6
Provides students with the ability to pursue in depth exploration of special topics of interest.		
CRJ2080	Criminal Justice Internship	3
Provides placement in the criminal justice field to integrate theory with practice.		
CRJ2085	Independent Study	1 to 6
This course meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.		

Computer Science

Course Number	Course Title	Credits
CSC1019	Introduction to Programming	3
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.		

Computer Web

Course Number	Course Title	Credits
CWB1010	Complete Web Author: (Language)	3
Explores the complete set of web authoring skills using HTML and/or other languages. The course covers links, backgrounds, controlling text and graphic placement, tables, image maps and forms. (3-0)		
CWB1075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
CWB2075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		

Dance

Course Number	Course Title	Credits
DAN1015	Country Swing I	1
Includes many styles and various combinations of steps for Western dance music. Will also teach the students how to convert combinations of others dances of traditional and fad as they become popular. (0-2)		

Diesel Power Mechanics

Course Number	Course Title	Credits
DPM1001	Diesel Shop Orientation	2
Focuses on maintaining a safe and clean working heavy duty diesel shop. Emphasis is placed on the proper use and care for hand, electric, air, and hydraulic tools safely. Covers how to clean equipment properly, to handle and dispose of hazardous materials correctly, and to apply mandated regulations. Emphasis is also placed on proper lifting equipment. (1-2)		
DPM1003	Diesel Engines I	4
Covers the theory and operation of diesel engines with emphasis on cylinder heads, valve train diagnosis, and repair. This course introduces the cooling system's importance in diagnosis and repair. This course meets Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-5)		
DPM1004	Diesel Engine Cooling Systems	2
Focuses on heavy duty diesel engine and turbo charger cooling systems including coolant identification, circulation, testing, and repair. This course meets Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. (1-2)		
DPM1005	Heavy Duty Powertrains I	3
Focuses on drive axles and universal joints of heavy duty trucks and equipment including operation, testing, removal, inspections, and repair of heavy duty drivelines, axles, and differentials. This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM1020	Basic Heavy Duty Electricity	2
Covers basic electrical theory, circuit designs, wiring methods, multimeter usage, and wiring diagrams including the demonstration of test procedures on electrical circuits. This course meets the Inspection, Maintenance & Minor Repair; Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (IMMR/TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-2)		
DPM1022	Hydraulic Systems II	3
Covers the repair, replacement, measurement, and adjustments of components including pumps, control valves, and cylinders. This course meets the Medium/Heavy Truck Master Service Technology (MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM1026	Heavy Duty Starting & Charging	3
Covers the operation, testing, maintenance, repair, and servicing of heavy duty vehicle battery, starting, and charging systems including voltage drop testing and load testing. This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		

Course Number	Course Title	Credits
DPM1036	Heavy Duty Cab Inspection & Maintenance	2
Focuses on performing inspections and maintenance of heavy duty cab safety systems and accessories. This course meets the Inspection, Maintenance, and Minor Repair (IMMR) program accreditation standards. (1-2)		
DPM1040	Heavy Duty Steering & Suspension I	3
Emphasizes lecture and related lab in the diagnosis and service of heavy duty mechanical and air suspension systems, wheels, tires, and pressure management systems. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM1191	Diesel Fuel Systems	2
Covers the theory of operation and repair of fuel injection systems including disassembly, assembly, and service procedures on fuel system components. This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-2)		
DPM1192	Hydraulic Systems I	1
Covers the basic fundamentals of hydraulics including the inspection, minimum service, and safety considerations. This course meets the Inspection, Maintenance & Minor Repair; Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (IMMR/TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (0.5-1)		
DPM2003	Diesel Engines II	4
Covers the theory of operation and repair of diesel engines with emphasis on the cylinder block in big bore engines. This course includes the disassembly, inspection, and reassembly of diesel engines. This course meets the Medium/Heavy Truck Master Service Technology (MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-5)		
DPM2005	Heavy Duty Powertrains II	3
Covers clutch and transmission problems. The course focuses on clutch and transmission operation, testing removal, rebuilding, inspection, repairing, and replacement. This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM2006	Heavy Duty Brakes I	3
Focuses on the various braking systems incorporated in heavy duty trucks and heavy equipment including the diagnosis and service of hydraulic, mechanical, and electrical brake components. This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM2007	Heavy Duty Brakes II	3
Focuses on general service and maintenance procedures for the heavy-duty truck air brake system and related pneumatic components including operational checks, performance testing, and verifying system compliance with regulations to the Federal Motor Vehicle Safety Standards (FMVSS No. 121). This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM2008	H/D Trans Diagnosis	1
Provides laboratory hands on experiences in the diagnosis of electrically controlled heavy duty transmissions. (0-1.5)		
DPM2009	Heavy Duty Dynamic Braking Systems, ABS, ATC, and ESC	2
Includes diagnosis and repair of heavy duty antilock brake (ABS), automatic traction control (ATC), and electronic stability control (ESC) systems. This course meets Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. (1-2)		
DPM2010	Diesel Air Induction & Exhaust	2
Covers the theory of operation and repair of turbochargers, superchargers, intercoolers, various induction and exhaust systems. This course examines factors regulating engine performance failure, and procedures for reclaiming engine performance. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-2)		

Course Number	Course Title	Credits
DPM2022	Heavy Duty Lighting & Instrumentation	3
Covers the diagnosis and repair of lighting systems found on medium and heavy duty trucks and equipment including inspection and testing of electrical circuits and interfacing through a database with onboard computers. This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM2040	Heavy Duty Steering & Suspension II	3
Covers the diagnosis and service of heavy duty standard and air assisted steering along with chassis and frame alignment. This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM2064	Heavy Duty Heating & Ventilation	2
Covers the diagnosis, service, and repair of heavy duty equipment heating and ventilation systems. This course meets the Inspection, Maintenance & Minor Repair; Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (IMMR/TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-2)		
DPM2065	Heavy Duty Air Conditioning Systems Service	3
Covers the diagnosis, service, and repair of heavy duty vehicle air conditioning systems and their components. This course meets the Medium/Heavy Truck Service Technology/Medium/Heavy Truck Master Service Technology (TST/MTST) program accreditation standards. Prerequisite: Successful completion of DPM1001 with a "C" grade or better. (1-3.5)		
DPM2191	Heavy Duty Body Electrical Systems	2
Provides a comprehensive study of the theory, operation, diagnosis, and repair of the heavy duty vehicle body, safety electrical systems, and accessories. This course meets the Medium/Heavy Truck Master Service Technology (MTST) program accreditation standards. (1-2)		

Early Childhood Education

Course Number	Course Title	Credits
ECE1008	Assessment Process in ECE	1
Focuses on exposing students to a wide variety of screening tools and evaluations appropriate for children birth to 8 years of age. Enables students to gain beginning knowledge in the selection of developmental screening tools and evaluations important to the IFSP/IEP. (1-0)		
ECE1011	Introduction to Early Childhood Education	3
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. (3-0)		
ECE1031	Guidance Strategies Young Children	3
Explores guidance theories, applications, goals, and techniques, as well as factors that influence behavioral expectations of children. This course includes classroom management and pro-social skills development of young children in early childhood (EC) program settings. This course addresses children ages birth through 8 years. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1011. (3-0)		

Course Number	Course Title	Credits
ECE1045	Introduction to ECE Techniques	3
Focuses on a classroom seminar and placement in a child care setting. The supervised placement provides the student with the opportunity to observe children, to practice appropriate interactions, and to develop effective guidance and management techniques. Addresses age's birth through age 8. Prerequisite or Co-requisite: Successful completion of ECE1011 and ECE1031 with a "C" grade or better. (1-4)		

Course Number	Course Title	Credits
ECE1075	Special Topics	1 to 6
Explores current topics, issues, and activities related to one or more aspects of the early childhood profession.		
ECE1078	Workshop	1 to 6
Provides students with an experiential learning opportunity.		
ECE1079	Seminar	1 to 6
Provides students with an opportunity to examine aspects of early childhood education in detail.		
ECE1085	Independent Study	1 to 3
Focuses on structured, guided, and individualized research that is organized and tailored around the interests and needs of the individual student.		
ECE1111	Infant/Toddler Theory/Practice	3
Presents an overview of theories, applications (including observations), and issues pertinent to infant and toddler development in group and/or family settings. Includes state requirements for licensing, health, safety, and nutrition issues. Focuses on birth through age 3. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1011. (3-0)		
ECE1125	Infant/Toddler Lab Tech	3
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. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1111 (0-5)		
ECE1301	The Professional Nanny	3
Explores the nanny's role and responsibilities when working with today's families. Includes professional relationships, ethics, commitment to children, the challenges and rewards of working in a private home, communications, taking care of one's own well-being as a nanny, social skills, travel, the process of seeking a nanny position, employer responsibilities, the nanny job description and written employment agreement, and starting and leaving a job. Prerequisite: Successful completion of ECE 1011 with a "C" grade or better or Co-requisite: ECE1011. (3-0)		
ECE1315	Nanny Methods & Techniques	3
Explores the competencies required of a nanny to care for children in a private home setting. Includes creating a safe home environment, planning and implementing developmentally appropriate play/learning activities for children, traveling with children, children's clothing, children's equipment and play materials, sleep routines, personal care, feeding, and mealtimes. Incorporates a lab where students gain practical experience in providing in home care for children. Prerequisite or Co-requisite: Successful completion of ECE1011 and ECE1031 with a "C" grade or better. (Contact hours-15 hours lecture= 1 credit, 75 hours field instruction in licensed child care home= 2 credits) (3-0)		
ECE2051	ECE Nutrition/Health/Safety	3
Focuses on nutrition, health, and safety as key factors for optimal growth and development of young children. Includes nutrient knowledge, menu planning, food program participation, health practices, management and safety, appropriate activities, and communication with families. Addresses ages from prenatal through age 8. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1011. (3-0)		
ECE2061	Observation and Assessment of Young Children's Development, Learning and Programs	1
Provides a foundational understanding of the observation and assessment of young children's development and learning environments. This course also examines the current research on the continuous practice of observing and assessing children's development and incorporates practice with a variety of assessment instruments, particularly evidence-based and authentic assessment. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1011 (1-0)		
ECE2085	Independent Study	1 to 6
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.		
ECE2088	Practicum: Early Childhood Ed	6
Provides students with advanced field experience opportunities in early childhood education programs. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1011		

Course Number	Course Title	Credits
ECE2101	Working with Families & Communities	3
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. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1011 (3-0)		
ECE2381	ECE Child Growth & Development	3
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. (3-0)		
ECE2401	Administration of ECE Programs	3
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 age's birth through 12 years. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1011. (3-0)		
ECE2411	Administration: Human Relations ECE	3
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. Prerequisite: Successful completion of ECE1011 with a "C" grade or better or Co-requisite: ECE1011. (3-0)		
ECE2601	The Exceptional Child	3
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. Prerequisite: Successful completion of ECE1011 or ECE2381 with a "C" grade or better or Co-requisite: ECE1011 and ECE2381. (3-0)		
ECE2621	Curriculum Methods/Techniques	3
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. Prerequisite: Successful completion of ECE1011 or ECE2381 with a "C" grade or better or Co-requisite: ECE1011 and ECE2381. (3-0)		
ECE2641	Creativity and the Young Child	3
Provides an emphasis on encouraging and supporting creative self-expression and problem solving skills in children. Explores creative learning theories and research. Focuses on developmentally appropriate curriculum strategies in all developmental domains. Addresses age's birth through age 8. Prerequisite: Successful completion of ECE1011 and ECE2381 with a "C" grade or better or Co-requisite: ECE1011 and ECE2381. (3-0)		
ECE2651	Early Language and Literacy Development in Young Children	3
Provides foundational knowledge of the developmental progression of language and literacy acquisition of mono- and bi-lingual children age's birth to age 8. This course provides opportunities to explore and practice language and literacy teaching strategies to use with young children in home, classroom, and community settings. Prerequisite: Successful completion of ECE1011 and ECE2381 with a "C" grade or better or Co-requisite: ECE1011 and ECE2381. (3-0)		

Economics

Course Number	Course Title	Credits
ECO1001	Economics of Social Issues: GT-SS1	3
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. (3-0)		

Course Number	Course Title	Credits
ECO2001	Principles of Macroeconomics: GT-SS1	3
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. (3-0)		
ECO2002	Principles of Microeconomics: GT-SS1	3
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. (3-0)		

Education

Course Number	Course Title	Credits
EDU1075	Special Topics	0.5
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. Prerequisite: instructor approval.		
EDU1085	Independent Study	1 to 6
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor. Prerequisite: Instructor Approval		
EDU1088	Practicum I	2
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.		
EDU1101	CRLA Tutor Certification-Regular	1
Introduces tutors to effective tutoring strategies. Topics include guidelines for tutoring; how to plan, conduct, and evaluate a productive tutoring session; recognizing needs of students; and developing effective learning strategies with students. Prerequisite: Instructor Approval (1-0)		
EDU2075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
EDU2077	ST: Co Revis Acad Stand Yr 3	4
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
EDU2085	Independent Study	1 to 6
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.		
EDU2088	Practicum II	2
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. Co-requisite: EDU2211		
EDU2211	Introduction to Education	3
Focuses on the historical, social, political, philosophical, cultural, and economic forces that shape the United States public school system. Includes current issues of educational reform, technology as it relates to education, and considerations related to becoming a teacher in the state of Colorado. Special interest will be paid to the topic of diversity in the K-12 school system. Prerequisite: College readiness in English Co-requisite: EDU2088 (3-0)		
EDU2221	Effective Teaching	1
Focuses on strategies for becoming an effective teacher. Topics included are: course goals and objectives, the first day, planning a lesson, higher levels of thought, test design and grading, assessment, and teaching and learning styles. (1-0)		
EDU2341	Multicultural Education	3
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. (3-0)		

Course Number	Course Title	Credits
EDU2401	Teaching the Exceptional Learners	3
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. Prerequisite: Successful completion of PSY2441 with a "C" grade or better.		
EDU2501	CTE in Colorado	1
Explores common elements of Career and Technical Education philosophy and current practices. It details the philosophy of Career and Technical Education (CTE), the federal Carl D. Perkins legislation and related guidelines for CTE, the Colorado Technical Act, national and state regulatory agencies, the CCCS program approval process, enrollment management and advising strategies, relevant local and national issues, and quality assurance principles. (1-0)		
EDU2511	Secondary CTE Capstone	3
This capstone course in the secondary CTE credentialing sequence offers an in-depth analysis of secondary career and technical student organizations and competitions, the Colorado Technical Act, working with exceptional students, creating and effectively deploying program advisory committees, and an overview of educational and political systems in Colorado. The final project is an analysis of the efficiency with which one's employing school district funds, operates, and assesses CTE programs. (3-0)		
EDU2531	Academic Instruction in CTE for CTE & Core Academic Instructors	2
Provides secondary core academic teachers of Math, Language Arts, and Science the opportunity to develop lessons and assessments aligned with Career and Technical Education (CTE) competencies and that include core academic content. Partnerships between both CTE and academic teachers will better prepare them to teach career relevancy within the context of the core academic standards. This course meets the Colorado Department of Education criteria for contextual learning requirement needed for the Initial Integrated Math, Science, or Communications credential. (2-0)		
EDU2601	Adult Learning & Teaching	3
Examines the philosophy of community colleges and the roles and responsibilities of the faculty member within the college community. Introduces basic instructional theories and application, with particular emphasis on adult learners. Includes syllabus development, learning goals and outcomes, and lesson plans. Emphasizes teaching to a diverse student body, classroom management, assessment, and instructional technology. (3-0)		
EDU2611	Teaching, Learning & Technology	3
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. (3-0)		
EDU2661	Advanced College Teaching Methods	1
Explores current adult learning theory and relates this theory to the practice of teaching. It also covers a variety of factors that influence teaching and learning including social and individual psychological aspects of adult learning, patterns of participation and motivation, the role of instructional technology, handling challenging classroom behaviors, and assessment and evaluation strategies. The main point raised and discussed throughout the course is that effective teaching requires that instructors utilize a range of teaching and assessment approaches and methods in order to enhance learning.		

Engineering

Course Number	Course Title	Credits
EGG2071	Theoretical Mechanics-Statics	3
Emphasizes vectors, resolution and composition of forces in two and three dimensions, vector notation, free body diagrams, static equilibrium of rigid bodies, moments, couples, centroids, and moments of inertia. (3-0)		
EGG2072	Theoretical Mechanics-Dynamics	3
Focuses on a study of kinematics and kinetics of particles and rigid bodies. Addresses the concepts of work-energy and impulse-momentum using vector notation. (3-0)		
EGG2075	Special Topics	1 to 6
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		

Electricity Industrial/Commercial

Course Number	Course Title	Credits
EIC1101	Job Training and Safety	3
Studies first aid, CDL, basic use and care of personal protective equipment, use and care of climbing equipment, daily inspection and basic use of motorized equipment. (1-3.5)		
EIC2320	Industrial Electrical Controls I	4
Studies the application of electrical and electromechanical sensing/control devices; heating, ventilating and air conditioning applications; motor control, conveyor drives and other industrial applications. Students design control systems to meet assigned conditions, use principles of relay logic to prepare correct ladder diagrams and wire up, test and trouble-shoot their systems in the laboratory. The course stresses accuracy, safety and National Electric Code requirements. Prerequisite: Successful completion of ELT1206 or EIC1201 with a "C" grade or better. (1-5)		

Electronics

Course Number	Course Title	Credits
ELT1206	Fundamentals of DC/AC	4
Introduces the basic skills needed for many careers in electronics and related fields. Covers the operations and applications of basic DC and AC circuits consisting of resistors, capacitors, inductors, transformers and diodes. Emphasizes the use of common test instruments in troubleshooting. Corequisite: Successful completion of MAT1140 or higher with a "C" grade or better. (1-5)		
ELT2252	Motors & Controls	3
Enables the student to study, construct, test, and evaluate basic industrial control systems, including AC/DC motors, stepper motors, power sources, generators, tachometers, line diagrams, and logic functions. Covers safety standards and preventive maintenance. Prerequisite: Successful completion of ELT1206 or EIC1201 with a "C" grade or better. (1-3.5)		
ELT2358	Programmable Logic Controllers	3
Covers the fundamentals of programmable logic controllers (PLCs) as they are applied in robotics and automation. Includes history, terminology, typical applications, hardware, and software. Incorporates lab and project activities that address operating, monitoring, programming, troubleshooting, and repairing PLC controlled lab trainers as well as actual industrial equipment. Prerequisite: Successful completion of ELT1206 or EIC1201 AND ELT2252 with a "C" grade or better. (1-3.5)		
ELT2359	Advanced Programmable Logic Control	3
Serves as the second in a two course sequence and covers advanced topics and applications for programmable logic controllers (PLCs) as they are applied in robotics and automation. Includes advanced programming, diagnostics, Human Machine Interfaces (HMIs), introduction to automation networking, and system integration. Incorporates lab and project activities that address designing, operating, monitoring, programming, analyzing, troubleshooting, and repairing PLC controlled lab trainers as well as actual industrial equipment. Prerequisite: Successful completion of ELT2358 with a "C" grade or better. (1-3.5)		

Emergency Medical Services

Course Number	Course Title	Credits
EMS1015	Emergency Medical Responder	3
Provides the student with core knowledge and skills to function in the capacity of a first responder arriving at the scene of an emergency and providing supportive care until advanced EMS help arrives. (2-1.5)		
EMS1016	First Responder Refresher	2
Provides the First Responder student with needed updates and review materials to renew and maintain the First Responder certificate. Prerequisite: Current First Responder Certification and CPR card. (1-1.5)		
EMS1021	EMT Fundamentals	3
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. (3-0)		

Course Number	Course Title	Credits
EMS1022	EMT Medical Emergencies	4
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. Prerequisite: Successful completion of EMS1021 with a "C" grade or better OR Co-requisite: EMS1021. (2-3)		
EMS1023	EMT Trauma Emergencies	2
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. Prerequisite: Successful completion of EMS1021 with a "C" grade or better OR Co-requisite: EMS1021. (1-1.5)		
EMS1026	EMT Refresher	2
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 for National Registry. Prerequisites: Current CPR card, current or less than 36 months expired EMT certification. (1-1.5)		
EMS1030	EMT Intravenous Therapy	2
Focuses on cognitive and skill practice as required by Colorado Prehospital Care program for EMT level IV approval. Examines criteria, procedures, and techniques for IV therapy, discusses fluid and electrolyte balance and principles and treatment for shock. Prerequisite: Current EMT certification or proper licensure. (2-0)		
EMS1070	EMT Clinical	1
Provides the EMT student with the clinical experience required of initial and some renewal processes. Prerequisite: Successful completion of EMS1021 with a "C" grade or better OR Co-requisite: EMS1021. (0-1)		
EMS1075	Medical/Trauma Topics for EMS	.5-12
Provides the student with a vehicle to pursue in depth exploration of special topics of interest. Prerequisite: Current certification- EMT or First Responder.		
EMS1090	EMT Professional Development	.5-12
Provides the student with the 36 hours of continuing medical education hours required for the State of Colorado Recertification at an EMT level. Provide professional development continuing medical education hours for EMTs wishing to recertify at the state or national level. Prerequisite: Current Colorado EMT certification.		
EMS1132	EMS Intravenous-Intraosseous Therapy	2
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. Prerequisites: Colorado EMT and BLS Certifications. (1-1.7)		
EMS2025	Fundamentals of Paramedic Practice	3
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. (3-0)		
EMS2026	Fundamentals of Paramedic Practice - Lab	2
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. (0-3)		
EMS2027	Paramedic Special Considerations	3
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.		

Course Number	Course Title	Credits
EMS2028	Paramedic Special Considerations Lab	2
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.		
EMS2029	Paramedic Pharmacology	3
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. (3-0)		
EMS2030	Paramedic Pharmacology Lab	2
Teaches the skills necessary for the paramedic to safely and effectively administer emergency medications. Serves as the companion course to Paramedic Pharmacology. (0-3)		
EMS2031	Paramedic Cardiology	5
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. (5-0)		
EMS2032	Paramedic Cardiology Lab	2
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. (0-1.5)		
EMS2033	Paramedic Medical Emergencies	4
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. (4-0)		
EMS2034	Paramedic Medical Emergencies Lab	1
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. (0-1.5)		
EMS2035	Paramedic Trauma Emergencies	4
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. (4-0)		
EMS2036	Paramedic Trauma Emergencies Lab	1
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. (0-1.5)		
EMS2037	Paramedic Internship Preparatory	2
Reviews concepts and techniques used in the prehospital setting. (1-1.5)		
EMS2075	Special Topics	.5-10
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
EMS2080	Internship I: Paramedic	6
Serves as the preceptor/internship program for paramedic students.		
EMS2081	Paramedic Internship II	6
Serves as the continuation of EMS 2080, preceptor program for paramedic students.		

English

Course Number	Course Title	Credits
ENG0090	Composition and Reading	3
Integrates and contextualizes college-level reading and writing. (3-0)		
ENG0094	Studio 121	3
Integrates and contextualizes reading and writing strategies tailored to co-requisite ENG1021 coursework. Students will read and understand complex materials and respond to ideas and information through writing informative and/or persuasive texts. (3-0)		
ENG1010	English Usage And Grammar	3
Ensures that the student has achieved a high level of correctness, conciseness, and precision in language use and understands the principles of organizing ideas, providing adequate supporting data, and drawing logical conclusions. (3-0)		
ENG1015	Technical English & Communication	3
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. (3-0)		
ENG1021	English Composition I:GT-CO1	3
Emphasizes planning, writing, and editing/revisions of compositions, coupled with development of critical and logical thinking skills. This course includes a minimum of five compositions that stress analytical, evaluative, and persuasive/argumentative writing. This is a Statewide Guaranteed Transfer course in the GT-CO1 category. Prerequisite: College Readiness in English. (3-0)		
ENG1022	English Composition II: GT-CO2	3
Expands and refines the objectives of English Composition I. Emphasizes critical/logical thinking and reading, problem definition, research strategies, and writing analytical, evaluative, and/or persuasive papers that incorporate research. This is a Statewide Guaranteed Transfer course in the GT-CO2 category. Prerequisite: Successful completion of ENG1021 or ENG1031 with a "C" grade or better. (3-0)		
ENG1031	Technical Writing I: GT-CO1	3
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. Prerequisite: College Readiness in English. (3-0)		
ENG1075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
ENG2001	English Composition III: GT-CO3	3
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. This is a Statewide Guaranteed Transfer course in the GT-CO3 category. Prerequisite: Successful completion of ENG1022 with a "C" grade or better. (3-0)		
ENG2021	Creative Writing I: GT-AH1	3
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. (3-0)		
ENG2022	Creative Writing II	3
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. (3-0)		

Environmental Science

Course Number	Course Title	Credits
ENV1010	Natural Disasters: GT-SC2	3
<p>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.</p>		

Course Number	Course Title	Credits
ENV1111	Environmental Science with Lab: GT-SC1	4
<p>Introduces the basic concepts of ecology and the relationship between environmental problems and biological systems. 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. Prerequisite: College Readiness in English and Quantitative Literacy Math. This is a State Guaranteed Transfer Course in the GT-SC1 category. (3-2)</p>		

Equine Management

Course Number	Course Title	Credits
EQM1001	Stable Operations I	1
<p>Focuses on the routine daily care, grooming, feeding, stable sanitation, daily health, and feed records of horses. Prerequisite: EQM or stall facility. (0-10)</p>		
EQM1002	Stable Operations II	1
<p>Builds on EQM1001 and continues focus on the routine daily care, grooming, feeding, stable sanitation, daily health, and feed records of horses. Prerequisite: EQM or stall facility. (0-10)</p>		
EQM1058	Equine Reproduction	2
<p>Introduces horse reproduction and the various breeding and management practices found on breeding farms. Covers physiology of the mare and stallion reproductive systems, care of the stallion and the mare, mare heat detection, breeding, care of pregnant mares, foaling, problems in the foal, and care of the foal and yearling. (2-0)</p>		
EQM1075	Special Topics	1 to 6
<p>Provides students with a vehicle to pursue in depth exploration of special topics of interest.</p>		
EQM1080	Internship: Equine	.25-10
<p>Students are employed or work at home on an equine operation.</p>		
EQM2001	Stable Operations III	1
<p>Familiarizes the student with the routine daily care, grooming, feeding, stable sanitation, daily health, and feed records of horses. Prerequisite: EQM or stall facility (0-10)</p>		
EQM2002	Stable Operations IV	1
<p>Familiarizes the student with the routine daily care, grooming, feeding, stable sanitation, daily health, and feed records of horses. Prerequisite: EQM or stall facility (0-10)</p>		
EQM2010	Equine Health	2
<p>Assists students in planning annual equine health programs. Introduces students to methods of prevention, recognition, and treatment of common equine diseases. (2-0)</p>		
EQM2011	Equine Health Lab	1
<p>Application of practical skills, methods, and techniques used to prevent and treat equine diseases and health problems. (0-1.5)</p>		
EQM2075	Special Topics	1 to 6
<p>Provides students with a vehicle to pursue in-depth exploration of special topics of interest.</p>		
EQM2080	Equine Internship	8
<p>Students are employed or work at home on an equine operation. The work experience must cover a minimum of 320 hours with the student involved in all facets of this operation. Prerequisite: EQM major</p>		

Course Number	Course Title	Credits
EQM2085	Independent Study	1 to 6
Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor. Prerequisite: Instructor Approval		
EQM2089	Equine Management Capstone	0.5
Covers information necessary for employment and job search skills. Students will receive instruction in resume writing and interviewing. Prerequisite: Sophomore Equine Students (.5-0)		

Equine Training

Course Number	Course Title	Credits
EQT1001	Introduction to Horse Training	5
Introduces handling and care of horses. Basics of grooming, hoof care, showing at halter, equitation, and horsemanship will be covered. Prerequisite: EQM Major (1-8)		
EQT1002	Beginning Colt Training	6
Covers an advanced level of horsemanship involving lead changes, turn arounds, and roll backs will be covered. Students that meet minimum skills requirements may continue into specialized areas of riding. Prerequisite: Successful completion of EQT1001 with a "C" grade or better. (0-10)		
EQT1040	Ranch Horse Versatility I	3
This is a riding intensive course designed to train the horse in the ranch horse versatility competitive events. Students will develop skills in the working cow horse, reining, ranch cutting, ranch trail, conformation, and ranch pleasure events. (1-3)		
EQT1075	ST: Horsemanship I	.25-10
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
EQT2001	Intermediate Colt Training	6
Covers halter breaking weanlings. Students will also receive instruction in longing, driving, saddling, and riding the two year old. Prerequisite: Successful completion of EQT1002 with a "C" grade or better. (0-10)		
EQT2002	Advanced Colt Training	6
Gives the student their final experience at starting and management of a young horse to meet the industry standards for which they are entering. Prerequisite: Successful completion of EQT2001 with a "C" grade or better. (0-10)		
EQT2040	Ranch Horse Versatility II	3
Ranch Horse Versatility II is a continuation of Ranch Horse Versatility I. This is a riding intensive course designed to train the horse in the ranch horse versatility competitive events. Students will develop skills in the working cow horse, reining, ranch cutting, ranch trail, conformation, and ranch pleasure events. As a part of the course students will have the opportunity to travel and compete in industry competitive events. A focus of the course is to improve the level of individual skills and to gain experience in the show ring atmosphere. Prerequisite: Successful completion of EQT1040 with a "C" grade or better (1-3)		
EQT2075	ST: Horsemanship II	.25-10
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		

Esthetician

Course Number	Course Title	Credits
EST1010	Introduction: Facials & Skin Care	3
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. Prerequisite: Successful completion of COS1050 with a "C" grade or better. (1-3)		
EST1011	Intermediate: Facials & Skin Care	2
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. Prerequisite: Successful completion of EST1010 with a "C" grade or better. (0-3)		

Course Number	Course Title	Credits
EST2010	Advanced Skin Care	2
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. Prerequisite: Successful completion of EST1011 with a "C" grade or better. (0-3)		
EST2011	Make-up	1
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. Prerequisite: Successful completion of EST1010 with a "C" grade or better. (0-1.5)		
EST2012	Hair Removal	3
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. Prerequisite: Successful completion of EST1011 with a "C" grade or better. (1-3)		

Ethnic Studies

Course Number	Course Title	Credits
ETH2000	Introduction to Ethnic Studies	3
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. (3-0)		

Fire Science Technology

Course Number	Course Title	Credits
FST1000	Firefighter I	9
Addresses the requirements necessary to perform at the first level of progression as identified in National Fire Protection Association (NFPA) 1001, Firefighter Professional Qualifications. This is a lecture and lab course for meeting the NFPA 1001, level I, standard using IFSTA Essentials. (4-6)		
FST1001	Firefighter II	3
Addresses the requirements necessary to perform at the second level of progression as identified in National Fire Protection Association (NFPA) 1001, Fire Fighter Professional Qualifications. This is a lecture and lab course for meeting the NFPA 1001, level II, standard. (3-0)		
FST1002	Principles/Emergency Services	3
Provides an overview to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection/service; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. (3-0)		
FST1005	Building Construction for Fire	3
Provides the components of building construction that relate to fire and life safety. The focus of this course is on firefighter safety. The elements of consideration and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies. (3-0)		
FST1007	HazMat Operations (Level I)	3
Introduces hazardous materials incidents, recognizing and identifying hazardous materials, planning response, implementing response procedures, decision making, and continued evaluation at the awareness and operation level. (3-0)		

Course Number	Course Title	Credits
FST1010	Job Placement and Assessment	3
Addresses all aspects of the Fire Service entrance examination process and especially emphasizes various components of the exam, including the written, physical abilities, and oral interview. The objective of this class is to help increase the entrance firefighter candidates chance of obtaining a career in the Fire Service. (3-0)		
FST1028	Vehicle Extrication Tech	3
Training in this course represents the highest level of operation at the rescue scene involving vehicle extrication. Students shall be capable of hazard recognition, equipment use, and techniques necessary to operate and effectively supervise at incidents involving persons injured or entrapped in a vehicle or machinery. (1-3)		
FST1070	Clinical I	1
Offers the clinical practicum to apply the related fire science technology.		
FST1075	Special Topics	1 to 12
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
FST2001	Instructional Methodology	3
Covers the role and responsibility of the fire service instructor. Includes oral communication skills, concepts of learning, planning and development of lesson plans, instructional materials and delivery methods, testing and evaluations, records and reports, and demonstration of instructional abilities. Fire Instructor I State Certificate is available. (3-0)		
FST2002	Strategy & Tactics	3
Provides an in-depth analysis of the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground. (3-0)		
FST2009	Fire Protection Systems	3
Provides information relating to the features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection, and portable fire extinguishers. (3-0)		
FST2053	National Incident Management	3
Focuses on the National Incident Management System including fire ground management and resource management. Multi-agency coordination systems and organization preparedness for large scale emergencies, communication, and information are addressed. The course concludes with a review of the National Response Plan. (3-0)		
FST2059	Wildland Firefighting Tactics	3
Focuses on management of uncontrolled fire burning, urban/wildland interface, strategy and tactics used in controlling wild land fires, prevention methods, and incident command practices. (3-0)		
FST2080	Internship	2
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.		

Fire Science Wildland

Course Number	Course Title	Credits
FSW1000	S-190 Introduction to Wildland Fire	1
Provides instruction in the primary environmental factors that affect the start and spread of wildfire and recognition of potentially hazardous situations. This course can be taught in conjunction with or prior to Firefighting Training S-130. (1-0)		
FSW1001	S-130 Firefighting Training	2
Provides entry-level firefighter skills. A version of the L-180, Human Factors on the Fire line, is included as part of the course. Credit should be issued for S-130. (2-0)		



Geography

Course Number	Course Title	Credits
GEO1005	World Regional Geography: GT-SS2	3
Examines the spatial distribution of environmental and societal phenomena in the world's regions. Environmental phenomena include topography, climate, and natural resources. Societal phenomena include 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. (3-0)		
GEO1006	Human Geography: GT-SS2	3
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. (3-0)		
GEO1011	Physical Geography: Landforms with Lab: GT-SC1	4
Examines the principles of Earth's physical processes, emphasizing landforms, soils, and hydrology. Examines the formation and distribution of landforms, such as mountains, valleys, and deserts, and their shaping by fluvial and other processes. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. (3-2)		
GEO1012	Physical Geography: Weather, Climate and Ecosystems with Lab: GT-SC1	4
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. (3-2)		
GEO2075	Special Topics	1 to 6
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		

Geology

Course Number	Course Title	Credits
GEY1075	Special Topics	.25-3
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
GEY1111	Physical Geology with Lab: GT-SC1	4
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. Prerequisite: College Readiness in English and Quantitative Literacy Math. (3-3)		
GEY1112	Historical Geology with Lab: GT-SC1	4
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. Prerequisite: Successful completion of GEY1111 with a "C" grade or better. (3-3)		

History

Course Number	Course Title	Credits
HIS1075	Special Topics	1 to 5
Focuses on the exploration of current topics, issues, and activities related to one or more aspects of history. Prerequisite: College Readiness in English.		

Course Number	Course Title	Credits
HIS1110	The World: Antiquity-1500: GT-HI1	3
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. Prerequisite: College Readiness in English. (3-0)		
HIS1120	The World: 1500-Present: GT-HI1	3
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. Prerequisite: College Readiness in English. (3-0)		
HIS1210	United States History to Reconstruction: GT-HI1	3
Explores trends within events, peoples--including Native American--groups, ideas, and institutions in North America and the United States to Reconstruction. This class focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a Statewide Guaranteed Transfer course in the GT-HI1 category. Prerequisite: College Readiness in English. (3-0)		
HIS1220	United States History since the Civil War: GT-HI1	3
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. Prerequisite: College Readiness in English. This is a Statewide Guaranteed Transfer course in the GT-HI1 category. (3-0)		
HIS1310	Western Civilization: Antiquity-1650: GT-HI1	3
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. Prerequisite: College Readiness in English. (3-0)		
HIS1320	Western Civilization: 1650-Present: GT-HI1	3
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. Prerequisite: College Readiness in English. (3-0)		
HIS2000	History of Science and Technology: GT-HI1	3
Explores the complex relationship between scientific and technological developments and western society and culture. It emphasizes the way social and cultural norms can impact scientific or technological progress, and vice-versa, especially in the period since the Scientific Revolution. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a Statewide Guaranteed Transfer course in the GT-HI1 category. Prerequisite: College Readiness in English. (3-0)		
HIS2015	20th Century World History: GT-HI1	3
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. Prerequisite: College Readiness in English. (3-0)		
HIS2075	Special Topics	1 to 5
Focuses on the exploration of current topics, issues, and activities related to one or more aspects of history. Prerequisite: College Readiness in English.		

Course Number	Course Title	Credits
HIS2115	American Indian History: GT-HI1	3
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. Prerequisite: College Readiness in English. (3-0)		
HIS2130	History of the American West: GT-HI1	3
Traces the history of the American West from Native American cultures to the present. It explores the frontier experiences of America's earliest, eastern settlers through the Trans-Mississippi West across the great exploratory and wagon trails including cities, ranching, reservation, resource management, and industry. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a Statewide Guaranteed Transfer course in the GT-HI1 category. Prerequisite: College Readiness in English. (3-0)		
HIS2135	Colorado History: GT-HI1	3
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. Prerequisite: College Readiness in English. (3-0)		
HIS2140	Civil War Era in American History: GT-HI1	3
Explores the causes, course, and consequences of the American Civil War. Students will examine four broad themes: union and disunion; slavery, race, and emancipation; the experience of modern war for individuals and society; and the challenges of Reconstruction. 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. Prerequisite: College Readiness in English. (3-0)		
HIS2145	U.S. History Since 1945: GT-HI1	3
Examines the major political, economic, social, and cultural developments that have shaped modern America from 1945 to the present. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity. This is a Statewide Guaranteed Transfer course in the GT-HI1 category. Prerequisite: College Readiness in English. (3-0)		

Horticulture

Course Number	Course Title	Credits
HLT1000	Horticulture Science	4
Introduces students to the principles of the plant science as they relate to horticulture. The course emphasizes the application of plant sciences to the propagation, improvement, culture and utilization of horticultural plants. (3-2)		
HLT2160	Plant Propagation	4
Teaches seed and vegetative plant propagation techniques, the biology underlying modern plant propagation practices, and their application in commercial plant production. (3-2)		

Honors

Course Number	Course Title	Credits
HNR1000	Honors Seminar I	1
Develops skills in an interdisciplinary manner including: self-efficacy, college success, interdisciplinary connections, and critical and creative thinking. A primary goal is to develop a sense of community within the class. This course increases awareness of issues relating to diversity and leadership and explores techniques for successful honors academic performance. (1-0)		

Course Number	Course Title	Credits
HNR1075	Honors Seminar II	1
Continue to develop skills in an interdisciplinary manner, including: self-efficacy, college success, interdisciplinary connections, critical and creative thinking. A primary goal is to continue to build the sense of community within the class. This course increases awareness of issues relating to diversity and leadership and explores techniques for successful honor academic performance.		
HNR2075	Honors Capstone I: Planning & Research	1
This course (the first half of a two-semester capstone sequence required of all Honors Program students) provides an opportunity to synthesize information and skills acquired in the program. Students choose argument topics or conduct original research. Class sessions help develop the skills and process necessary to complete their project and presentation. Regular meetings with faculty mentos will provide discipline-based knowledge guidance, and support. This course focuses on the planning, research, and elements need to complete the initial stages of the capstone course.		
HNR2089	Honors Capstone II: Writing and Presentation	1
This course (the second half of a two-semester capstone sequence required of all Honors Program students) continues the process of synthesizing information and skills acquired in the program. Students complete their argument topics or original research from Capstone I. Class sessions focus on writing/revising to create a final paper and transforming that paper into a public presentation. Regular meetings with faculty mentos will provide discipline-based knowledge guidance, and support. This course focuses on the completion of the capstone project.		

Human Performance and Exercise

Course Number	Course Title	Credits
HPE1000	Introduction to Physical Education & Sports	2
Focuses on the field of physical education and sport. Includes trends, precedents, and their effects in the health and total wellness of those involved. (2-0)		
HPE1001	Introduction to Coaching	2
Acquaints the learner with the knowledge, requirements, and responsibilities of coaching, including sport philosophy, sport medicine, and sport management. Fulfills requirements for ASEP Leader Level I. (2-0)		
HPE1002	Introduction to Sports Medicine	2
Introduces students to the field of sports medicine. This includes career opportunities, education and certification requirements for a variety of sports medicine related careers. The course requires 30 observation hours under the supervision of a credentialed sports medicine professional to give students hands on learning opportunities and provide a better understanding of what is required of sports medicine professionals. (2-0)		
HPE1075	Special Topics	1 to 6
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
HPE1088	Athletic Training Practicum I	1 to 3
Offers opportunities to observe and perform professional skills under the supervision of a certified athletic trainer in a collegiate setting. Practical experience may include athletic training room duties, work with low and high risk sports, male and female athletes, and observation of orthopedic surgeries. Emphasis will be placed on emergency care, general first aid, pre-participation exams, taping and bracing. Attendance at scheduled seminars/assigned hours are required. (0-6)		
HPE2000	Perspectives in PE & Sport	3
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. (3-0)		
HPE2031	Care/Prevent Athletic Injuries	3
Focuses on techniques in prevention, care, and basic rehabilitation of athletic injury. (3-0)		
HPE2088	Athletic Training Practicum II	2
Builds on the opportunities provided in Athletic Training Practicum I. Students will continue to observe and perform professional skills under the supervision of a certified athletic trainer in a collegiate setting. Emphasis will be placed on record keeping, therapeutic modalities, and acute injury care. Practical experience may include athletic training room duties, work with low and high risk sports, male and female athletes, and observation of orthopedic surgeries.		

Health Professional

Course Number	Course Title	Credits
HPR1010	Dietary Nutrition	1
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. (1-0)		
HPR1011	CPR Professionals	0.5
Meets the requirement for American Red Cross Professional Rescuer CPR or American Heart Association Basic Life Support for those who work in Emergency Services, Health Care, and other professional areas. Material presented in the course is basic patient assessment, basic airway management, rescue breathing, and CPR for infant, children, and adult patients. (.5-0)		
HPR1039	Medical Terminology	2
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.		
HPR1050	Basic EKG Interpretation	2
Provides instruction for interpretation of EKG strips, anatomy and physiology of the heart, and using three-lead monitoring as a guide. Twelve-lead EKG may be discussed. (2-0)		
HPR1075	Special Topics	.25 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
HPR2017	Kinesiology	4
Focuses on mechanical principles of kinematics, kinetics, muscle physiology, neurophysiology, and the interaction to produce function. Joint and muscle structure and function with application is a main focus.		

Humanities

Course Number	Course Title	Credits
HUM1003	Introduction to Film Art: GT-AH2	3
Introduces film terminology and narrative techniques to explore how film conveys meaning and to study the relationships among film form, content, and audience reception. This course emphasizes active viewing, discussion, and critical analysis of films from different cultures and eras. This is a Statewide Guaranteed Transfer course in the GT-AH2 category. (3-0)		
HUM1015	World Mythology: GT-AH2	3
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. (3-0)		
HUM1021	Humanities: Early Civilization: GT-AH2	3
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. (3-0)		
HUM1022	Humanities: Medieval-Modern: GT-AH2	3
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. (3-0)		
HUM1023	Humanities: Modern World: GT-AH2	3
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. (3-0)		
HUM1075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
HUM2075	Special Topics	1 to 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		

Health & Wellness

Course Number	Course Title	Credits
HWE1001	Community First Aid and CPR	1
Prepares the student for certification in CPR and Basic First Aid. Skills will include basic life support, airway obstruction, control of bleeding, shock, and patient care for the unconscious. (1-0)		
HWE1003	Mental Health First Aid	1
Covers common mental disorders and mental health crises. This course trains first responders to take basic action steps to address mental health issues. This course is not intended to train students as mental health professionals. (1-0)		
HWE1050	Human Nutrition	3
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. (3-0)		
HWE1061	Fitness and Wellness	2
Provides information on fitness and wellness and to serve as a guide to design, implement, and evaluate a complete personal fitness and wellness program. (2-0)		
HWE1062	Health & Fitness	3
Explores the six components of wellness: physical, social, intellectual, spiritual, emotional, and occupational. Topics include health risks, wellness behaviors, and personal behavior change in the areas of nutrition; exercise; substance abuse; stress management; cardiovascular and cancer risk factors; the aging process; and violence, death, and dying in our society. Provides tools to complete self-assessments and develop a wellness program for a healthier lifestyle across a lifespan. (3-0)		
HWE2060	Exercise, Nutrition & Body Comp	3
Focuses on the concepts of improved performance in all fitness areas. Emphasis is placed on how carbohydrates, fat, and protein impact performance, and the relationship between metabolism and weight for all populations. Addresses unhealthy diets, eating patterns, and behavior modifications to change negative food relationships within a variety of populations. (3-0)		

Industrial Maintenance

Course Number	Course Title	Credits
IMA1400	Basic Fluid Power	3
Provide an understanding of the fundamentals of fluid power, hydraulic transmission of force and energy, operation at the suction side of the pump, petroleum based hydraulic fluids, fire resistant hydraulic fluids, flow rates and velocity, properties of hydraulic fluids, and the function and construction of basic elements of a hydraulic or fluid power system. The course will cover hydraulic symbols and prints used in industry. (1-3.5)		
IMA1500	Industrial Rotating Equipment	3
Explains the theory, operation, and maintenance of rotating equipment found in industrial environments such as gears, bearings, pumps, and compressors. Mechanical power transmission systems including direct coupling, belt drives, and chain drives are studied. Alignment techniques are practiced and related to the impact on machine vibration and equipment failures. The principals involved in the operation of centrifugal and positive displacement pumps and compressors will be discussed along with the function of connected components. (1-3.5)		
IMA1700	Introduction to Industrial Maintenance	3
Provides an overall perspective and foundation for the person entering the industrial maintenance field. The fundamentals of machine operations commonly utilized in the process and energy industry will be presented. Maintenance personnel duties and responsibilities, general maintenance procedures, basic maintenance tools and equipment, basic fastening and securing and machine operating specifications will be covered. Emphasis will be placed upon the understanding of machine documentation. The student will be introduced to the logical process utilized in the diagnosis machinery and control system troubleshooting. Workplace safety will be stressed throughout the course. (1-3.5)		

Journalism

Course Number	Course Title	Credits
JOU1005	Introduction to Mass Media: GT-SS3	3
Places the mass media in a technological, historical, and cultural perspective, considering the validity, integrity, and influence of the evolving media in a democracy. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. (3-0)		
JOU1006	Media News and Reporting	3
Introduces newswriting, reporting and interviewing with an emphasis on clarity, accuracy, timeliness and fairness.		
JOU2025	New Media	3
Explores techniques and approaches in the latest delivery methods for new media journalism, ethics, technological advances, and media literacy. (3-0)		
JOU2031	Introduction to Public Relations	3
Focuses on public relations and its role for individuals, non-profit organizations, businesses, and governments. This course covers research methodologies, principles, and practices necessary to become a public relations practitioner. (3-0)		
JOU2041	Feature and Magazine Writing	3
Focuses on trade, consumer, and technical publications, manuscript development with emphasis on nonfiction, submission techniques, and trends affecting the marketing of manuscripts both in print and digital media. (3-0)		

Literature

Course Number	Course Title	Credits
LIT1015	Introduction to Literature I: GT-AH2	3
Introduces fiction, poetry and drama. This course emphasizes active and responsive reading. This is a Statewide Guaranteed Transfer course in the GT-AH2 category.		
LIT1075	Special Topics	1 to 3
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
LIT2001	World Literature to 1600: GT-AH2	3
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. (3-0)		
LIT2002	World Literature After 1600: GT-AH2	3
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. (3-0)		
LIT2005	Ethnic Literature: GT-AH2	3
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 is a Statewide Guaranteed Transfer course in the GT-AH2 category. (3-0)		
LIT2011	American Literature to Civil War: GT-AH2	3
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. (3-0)		
LIT2012	American Literature After Civil War: CT-AH2	3
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. (3-0)		

Course Number	Course Title	Credits
LIT2021	British Literature to 1770: GT-AH2	3
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. (3-0)		
LIT2022	British Literature Since 1770: GT-AH2	3
Examines major works of British literature from the 18th century to the present. Explores the historical, political, and social contexts of the works and the major themes authors used to reflect and critique the social assumptions of their times. Besides fostering an understanding of works essential to western culture, the course examines how these works are still influential and relevant to contemporary thought and culture. This is a Statewide Guaranteed Transfer course in the GT-AH2 category. (3-0)		
LIT2025	Introduction to Shakespeare: GT-AH2	3
Explores works by William Shakespeare, focusing on a careful reading of these works as well as an exploration of pertinent contextual and historical information. This is a Statewide Guaranteed Transfer course in the GT-AH2 category. (3-0)		
LIT2055	Children`s Literature: GT-AH2	3
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. (3-0)		
LIT2075	Special Topics	1 to 3
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		

Management

Course Number	Course Title	Credits
MAN1028	Human Relation-Organizations	3
Introduces interpersonal relations most directly linked to attainment of organizational and individual goals in the business world. Other factors include motivation, career development, and conflict resolution. It explores the importance of effective communication in organizations. Addresses organizational issues such as employee motivation and customer complaints as related to product or service defects. (3-0)		
MAN2000	Human Resource Management I	3
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. (3-0)		
MAN2005	Event Planning: Equine	3
Introduces the components of meeting planning, organization, personnel, finances, site selection, transportation, program design, promotion, arrangement of exhibits, and evaluation. (3-0)		
MAN2015	Organizational Behavior	3
Introduces the behaviors of groups and individual members of organizations and how to influence their behavior. Emphasis is on the tools managers use to achieve organizational effectiveness. (3-0)		
MAN2016	Small Business Management	3
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.		
MAN2026	Principles of Management	3
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. (3-0)		

Course Number	Course Title	Credits
MAN2030	Corporate Ethics and Social Responsibility	3
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. (3-0)		

Marketing

Course Number	Course Title	Credits
MAR1011	Principles of Sales	3
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. (3-0)		
MAR1055	Social Media for Marketing in Business	3
Focuses on the use of social media as a business strategy and how to match strategy with the goals of the business. This course compares social media marketing with traditional marketing and explores online best practices to further business goals.		
MAR2016	Principles of Marketing	3
Presents the analysis of theoretical marketing processes and the strategies of product development, pricing, promotion, distribution, and their applications to businesses and the individual consumer. (3-0)		
MAR2020	Principles of Advertising	3
Examines the principles and practices of advertising and its relationship to business in order to promote a business or organization. Areas of major emphasis include advertising principles, strategies, media, copy and layout, and ethical considerations. (3-0)		

Math

Course Number	Course Title	Credits
MAT0140	Career Math Support	2
Supports skill development necessary for success within Career Math. Co-requisite: MAT1140. (1-3-0) (This course replaces AAA078)		
MAT0200	Algebraic Literacy Lab	1
Supports skill development in students registered in MAT0300 Algebraic Literacy. Topics covered in this course include those defined in MAT0300 and any prerequisite skills needed by the student. Co-requisite: MAT0300		
MAT0240	Mathematics for Liberal Arts Support	2
Supports skill development necessary for success within Math for Liberal Arts. Co-requisite: MAT1240. (1-3-0) (This course replaces MAT080)		
MAT0250	Quantitative Literacy	4s
Develops number sense and critical thinking strategies, introduce algebraic thinking, and connects mathematics to real world applications. Topics in the course include ratios, proportions, percent, measurement, linear relationships, properties of exponents, and math learning strategies. This course prepares students for Math in Liberal Arts, Statistics, Integrated Math, and college level career math courses. (4-0)		
MAT0260	Introduction to Statistics Support	2
Supports skill development necessary for success within Introduction to Statistics. Co-requisite: MAT1260. (1-3-0) (This course replaces MAT085)		
MAT0300	Algebraic Literacy	4
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 MAT1340 College Algebra and MAT1320 Finite Math. (4-0)		
MAT0340	College Algebra Support	2
Supports skill development necessary for success within College Algebra. Co-requisite: MAT1340. (1-3-0) (This course replaces MAT081)		

Course Number	Course Title	Credits
MAT1100	Skilled Trades/Industrial Math	2
Provides a review of general mathematics, introductory algebra, systems of measurements, and methods of solving problems related to skilled trades and general industrial repair. It is designed for students in the repair industry. Topics may include algebra, geometry, graphs, measurement, and conversion between various systems of measurement. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (2-0)		
MAT1120	Math for Clinical Calculations	3
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. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0)		
MAT1140	Career Math: Program Emphasis	3
<i>Agriculture Emphasis</i> - 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. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0) <i>Wind/Welding Emphasis</i> - Covers material designed for career and technical students who need to study particular mathematical topics. Topics include measurement, algebra, geometry, and graphs. These are presented at an introductory level and the emphasis is on applications. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0)		
MAT1150	Technical Mathematics	4
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. (4-0)		
MAT1160	Financial Mathematics	3
Covers the fundamentals of financial mathematics. Topics including pricing, taxes, insurance, interest, annuities, amortization, investments. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0)		
MAT1220	Integrated Math I: GT-MA1	3
Engages students in the concepts underlying elementary 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. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0)		
MAT1230	Integrated Math II: GT-MA1	3
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. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0)		
MAT1240	Math for Liberal Arts: GT-MA1	4
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. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (4-0)		
MAT1260	Introduction to Statistics: GT-MA1	3
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. Prerequisite: Successful completion of MAT0250 or MAT0300 with a "C" grade or better or appropriate placement scores. (3-0) A.A. & A.G.S. Degrees only.		

Course Number	Course Title	Credits
MAT1320	Finite Mathematics: GT-MA1	4
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. Prerequisite: Successful completion of MAT0300 with a "C" grade or better or appropriate placement scores.		
MAT1340	College Algebra: GT-MA1	4
Focuses on a variety of functions and 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. Prerequisite: Successful completion of MAT0300 with a "C" grade or better OR appropriate placement score. (4-0)		
MAT1400	Survey of Calculus: GT-MA1	4
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. Prerequisite: Successful completion of MAT1340 with a "C" grade or better or appropriate test scores. (4-0)		
MAT1420	College Trigonometry: GT-MA1	3
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. Prerequisite: Successful completion of MAT1340 with a "C" grade or better OR appropriate placement score. (3-0)		
MAT1440	Pre-Calculus: GT-MA1	5
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. Prerequisite: Successful completion of MAT1340 with a "C" grade or better OR appropriate placement score. (5-0)		
MAT2410	Calculus I: GT-MA1	5
Introduces single variable calculus and analytic geometry. Includes limits, continuity, derivatives, and applications of derivatives as well as indefinite and definite integrals and some applications. This is a Statewide Guaranteed Transfer course in the GT-MA1 category. Prerequisites: Successful completion of MAT1420 or MAT1440 with a "C" grade or better or appropriate test scores. (5-0)		
MAT2420	Calculus II: GT-MA1	5
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. Prerequisite: Successful completion of MAT2410 with a "C" grade or better. (5-0)		
MAT2430	Calculus III: GT-MA1	4
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. Prerequisite: Successful completion of MAT2420 with a "C" grade or better. (4-0)		
MAT2560	Differential Equations: GT-MA1	3
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. Prerequisite: Successful completion of MAT2420 with a "C" grade or better.		

Course Number	Course Title	Credits
MAT2561	Differential Equations: MA1	4
Introduces ordinary differential equations. Topics include first, second, and higher order differential equations, series methods, approximations, systems of differential equations and Laplace transforms with an additional emphasis on engineering applications, and Laplace transforms with an additional emphasis on engineering applications and problem solving. Appropriate technology related to the mathematical field may be used as a component of the course. This is a Statewide Guaranteed Transfer course in the GT-MA1 category. Prerequisite: Successful completion of MAT2430 or MAT2431 with a "C" grade or better. (4-0)		
MAT2562	Differential Equations with Linear Algebra	4
Explores ordinary differential equations with an introduction to select topics in linear algebra. Course covers first and second order differential equations, series solutions, Laplace transforms, linear algebra, eigenvalues, first order systems of equations, and numerical techniques for solving differential equations. Prerequisite: Successful completion of MAT2420 with a "C" grade or better.		

Multimedia Graphic Design

Course Number	Course Title	Credits
MGD1002	Introduction To Multimedia	3
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. (3-0)		
MGD1004	Videography	3
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. (0-3)		
MGD1011	Adobe Photoshop I	3
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. (3-0)		
MGD1012	Adobe Illustrator I	3
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. (3-0)		
MGD1013	Adobe InDesign	3
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. (3-0)		
MGD1033	Graphic Design I	3
Focuses upon the study of design layout and conceptual elements concerning graphic design projects such as posters, advertisements, logos, and brochures. Prerequisite: Successful completion of MGD1011 or MGD1012 or MGD1013 or MGD1015 with a "C" grade or better. (3-0)		
MGD1043	Motion Graphic Design I: Software	3
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. (3-0)		

Course Number	Course Title	Credits
MGD2011	Adobe Photoshop II	3
Develops and reinforces image composition techniques learned in Adobe Photoshop I, MGD1011. Fundamentals are continuously reinforced as new design techniques are introduced. Prerequisite: Successful completion of MGD1011 with a "C" grade or better. (3-0)		

Millwright - Wind Technology

Course Number	Course Title	Credits
MIL1001	Lifting Devices	1
Introduces the student to the types of rigging/lifting devices used in industry. Skills include the correct use of slings and common rigging hardware, including safe loading practices and the use of ANSI hand signals. (0.5-1)		

Music

Course Number	Course Title	Credits
MUS1000	Music Theory Fundamentals I	3
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. (3-0)		
MUS1006	Songwriting	3
Examines the various processes and styles of songwriting and offers techniques and ideas for creating songs ranging from functional to original. You will explore the common factors in all styles of songwriting and use them to bring out creative song ideas whether you have written songs before or have just always wanted to see if you could. A basic knowledge of music reading for any instrument and elementary music theory is recommended, but not required. (3-0)		
MUS1010	Music Theory I	3
Reviews and builds upon music fundamentals, diatonic harmony, phrase structure, and analysis. The course introduces voice leading and four-part harmony in root position and inversions. For music majors transferring to a 4-year program. (3-0)		
MUS1011	Music Theory II	3
Introduces harmony through four-part writing studying principles of harmonic progression, modulation, diatonic seventh chords, secondary dominants, keyboard harmony, and score analysis of binary and ternary form. (3-0)		
MUS1012	Ear Training/Sight-signing I Lab	1
Provides exercises in sight singing, rhythmic reading, and melodic and rhythmic dictation. The course will include performance of melodies and rhythmic reading exercises. Ear training dictation topics includes rhythm, intervals, diatonic scales, melody, triad types, and scales. (1-0)		
MUS1013	Ear Training/Sight signing II Lab	1
Continues to develop sight singing, rhythm reading, and dictation skills. The course includes expanded exercises in sight singing, rhythmic reading, and melodic and rhythmic dictation, as well as performance of melodies and rhythmic reading exercises. This course includes ear training topics. (1-0)		
MUS1020	Music Appreciation: GT-AH1	3
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. (3-0)		
MUS1021	Music History Medieval thru Classical: GT-AH1	3
Provides a 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. (3-0)		
MUS1022	Music History Romantic to Present: GT-AH1	3
Provides an historical survey of Western art music connecting the classical period to the Romantic period and following to the present. This course includes the study of styles, genres, composers, works, and significant cultural and historical influences upon the repertoire. This is a Statewide Guaranteed Transfer course in the GT-AH1 category. (3-0)		

Course Number	Course Title	Credits
MUS1023	Survey of World Music: GT-AH1	3
Provides an overview of music from around the globe including folk, ethnic, non-Western and popular styles. Develops basic listening skills and builds a historical/cultural context for world music styles to enable an understanding and appreciation of global music. This is a Statewide Guaranteed Transfer course in the GT-AH1 category. (3-0)		
MUS1025	History of Jazz: GT-AH1	3
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. (3-0)		
MUS1027	Music in Film	3
Provides an overview of cinema music from the origins of film to the present. This course covers basic listening skills, basics of how music is used in film, and a historical-cultural context for Western and world cinematic styles to enable an understanding and appreciation of musical expression in film. (3-0)		
MUS1031	Music Class I: (specify)	2
Provides group instruction in music, introducing basic techniques, repertoire, and sight-reading. (0-2)		
MUS1041	Private Instruction - (specify)	1-2
1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4 year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at and participation in student performances is required for 2 credits. First year, first term. (0.5-1)		
MUS1042	Private Instruction - (specify)	1-2
1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4 year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at and participation in student performances is required for 2 credits. First year, second term. (0.5-1)		
MUS1051	Ensemble I:	1
First year, first term. Rehearses and performs various types of musical literature. (0-3)		
MUS1052	Ensemble II:	1
Rehearses and performs various types of musical literature. First year, second term. (0-3)		
MUS1053	Ensemble III: Concert Choir III	1
Rehearses and performs various types of musical literature. First year, third term. (0-3)		
MUS1054	Ensemble IV: Concert Choir IV	1
Rehearses and performs various types of musical literature. First year, fourth term. (0-3)		
MUS1061	Computer Music Applications I	3
Introduces audio signal flow, Digital Audio Workstation (DAW), current computer music software, digital audio practices, Musical Instrument Digital Interface (MIDI) sequencing, and audio for video. (3-0)		
MUS1063	Music Audio Production I	3
Provides music majors and students with a strong interest in music with a basic understanding of the music audio production process. The course covers the fundamentals of audio/music production and signal flow, fundamentals of sound, acoustics, and microphones, digital and analog technology, recording, and mixing. (3-0)		
MUS1064	Music Audio Production II	3
Refines techniques and emphasizes critical listening in the acoustic and Digital Audio Workstation environments. (3-0)		
MUS1067	Music Business I	3
Provides a foundational overview of the current, historic, and projected business practices in the music entertainment industry. Course provides opportunities to gain an understanding of the music entertainment industry including copyright, labels, publishing, licensing, distribution, marketing, finance, legal considerations, and current and future opportunities. (3-0)		
MUS1068	Audio Post Production I	3
Explores the steps in audio production following initial sound capture and overdubbing of sound. Key concepts include sound design, mixing, and addition of effects. Integration of music with picture is also discussed and key concepts such as automatic dialogue replacement, foley, score, and voiceover recording are covered. (3-0)		

Course Number	Course Title	Credits
MUS1075	Special Topics	1 - 6
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		
MUS2010	Music Theory III	3
Continues study of four-part music including extended harmonic progressions of ninth, eleventh, thirteenth chords, extended alteration, non-chord tones, modulation, and compositions. (3-0)		
MUS2011	Music Theory IV	3
Continues the study of chromatic harmony and analysis. This course introduces 20th and 21st century compositional techniques, including Impressionism, serialism, non-tertian harmonies, and further study in forms and analysis. (3-0)		
MUS2012	Advanced Ear Training and Sight-Singing I Lab	1
Covers sight singing and melodic dictation using modulation and chromaticism. It covers harmonic dictation including diatonic and chromatic harmonic progressions. It will emphasize rhythmic reading and dictation including syncopation and asymmetrical meters. (1-0)		
MUS2013	Advanced Ear Training and Sight-Singing II Lab	1
Covers sight singing and ear training skills related to musical styles since 1900. (1-0)		
MUS2041	Private Instruction - (specify)	1-2
1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4-year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at, and participation in, student performances is required for 2 credits. Second year, first term. (0.5-1)		
MUS2042	Private Instruction - (specify)	1-2
1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4-year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at, and participation in, student performances is required for 2 credits. Second year, second term. (0.5-1)		
MUS2043	Private Instruction III	1-2
1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4-year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at, and participation in, student performances is required for 2 credits. Second year, third term. (0.5-1)		
MUS2044	Private Instruction IV	1-2
1 credit primarily for non-music majors. 2 credits for music majors planning to transfer to 4-year school. Offers private instruction consisting of a thirty or sixty minute lesson per week. Participation in a student performance is required at least once each term for 1 credit. Regular attendance at, and participation in, student performances is required for 2 credits. Second year, fourth term. May be repeated for credit more than once per individual institution policy. (0.5-1)		
MUS2051	Ensemble I	1
Rehearses and performs various types of musical literature. Second year, first term. (0-3)		
MUS2052	Ensemble II	1
Rehearses and performs various types of musical literature. Second year, second term. (0-3)		
MUS2053	Ensemble III	1
Rehearses and performs various types of musical literature. Second year, third term. (0-3)		
MUS2054	Ensemble IV	1
Rehearses and performs various types of musical literature. Second year, fourth term. (0-3)		
MUS2065	Live Audio Engineering	3
Covers the concepts and technical skills of live sound reinforcement. Topics include basic audio concepts, the operation and interconnection of a sound system, signal processing, and the duties of the sound engineer. (3-0)		
MUS2075	Special Topics	1-6
Covers specific topics in music. This course is offered as needed for credit appropriate to the topic and each offering includes a description of the topic(s).		

Nail Technician

Course Number	Course Title	Credits
NAT1010	Introduction to Manicures and Pedicures	3
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. Prerequisite: Successful completion of COS1050 with a "C" grade or better. (1-3)		
NAT1011	Intermediate Manicures and Pedicures	2
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. Prerequisite: Successful completion of NAT1010 with a "C" grade or better. (0-3)		
NAT2010	Advanced Manicures & Pedicures	2
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. Prerequisite: Successful completion of NAT1011 with a "C" grade or better. (0-3)		
NAT2011	Application of Artificial Nails	5
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. Prerequisite: Successful completion of COS1060 with a "C" grade or better. (1-6)		
NAT2090	Adv. Nail Technician Studies	0-12
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		

Nurse Aide

Course Number	Course Title	Credits
NUA1001	Nurse Aide Health Care Skills	4
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. (4-0)		
NUA1002	Certification Exam Prep	0.5
Helps prepare the student for the National Nurse Aide Assessment Program (NNAAP) examination. (0-0.5)		
NUA1070	Nurse Aide Clinical Experience	1
Applies knowledge gained from NUA1001 to patient care. Prerequisite: Satisfactory progress in NUA1001. (0-1)		

Nursing

Course Number	Course Title	Credits
NUR1001	Pharmacology Calculations	1
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.		

Course Number	Course Title	Credits
NUR1006	Medical Surgical Concepts	7
Builds on fundamentals and introduces basic medical surgical nursing concepts, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical judgment necessary for safe, person-centered care to a developmentally and culturally diverse adult patient population. This course incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the nurse. The application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings. Prerequisite: Successful completion of first semester of the ADN program. (Theory: 3.4cr= 51 contact hours; Lab: 0.3cr= 13.5 contact hours; Clinical: 3.3cr= 148.5 contact hours) (3.4-0.3-3.3)		
NUR1009	Fundamentals of Nursing	6
Examines the fundamental concepts necessary for safe, person-centered nursing care to a diverse patient population while integrating legal and ethical responsibilities. This course introduces caring, critical thinking/clinical judgment, the nursing process, quality improvement, and communication used when interacting with patients and interdisciplinary team through evidence-based nursing practice. The application of knowledge and skills occurs in the nursing skills laboratory and a variety of clinical settings providing care to stable patients with common health alterations. Prerequisite: Acceptance into ADN program. (Theory: 2cr= 30 contact hours; Lab: 2cr= 90 contact hours; Clinical: 2cr= 90 contact hours) (2-2-2)		
NUR1012	Basic Concepts of Pharmacology	2
Provides an overview of the basic principles of pharmacology including major drug classifications and prototypes of commonly used medications. This course introduces central concepts including safety and quality improvement practices in the administration of medications, person centered teaching, and variations encountered when administering medications to diverse population across the lifespan. Prerequisite: Acceptance into ADN program. (Theory: 2cr= 30 contact hours) (2-0-0)		
NUR1050	Maternal - Child Nursing	6
Provides the theory of maternal-child nursing, as well as application of mental health concepts, communication, collaboration, caring, and critical thinking/clinical judgment necessary for safe, family centered nursing care to childbearing families and children that is developmentally and culturally appropriate. This course incorporates evidence-based practice, standards of practice, quality improvement, and legal and ethical responsibilities. The application of knowledge and skills occurs in the nursing skills laboratory and in a variety of maternal/child and pediatric clinical settings. Prerequisite: Satisfactory completion of first semester of the ADN program. (Theory: 3.3cr= 49.5 contact hours; Lab: 0.7cr= 31.5 contact hours; Clinical: 2cr= 90 contact hours) (3.3-0.7-2)		
NUR1069	Transition Into Practical Nursing	4
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. Prerequisite: Satisfactory completion of the first 2 semesters of the AND program. (Theory 2cr=30 contact hours; Clinical 2cr=90 contact hours) (2-0-2)		
NUR1076	ST- Fundamentals of Nursing	1
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
NUR2002	Transition from LPN to ADN	3
Facilitates transition of the Licensed Practical Nurse (LPN) to new roles and responsibilities of the 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. Application of knowledge and skills occurs in the laboratory and maternal/child and pediatric clinical settings. (Theory: 2cr=30 contact hours, Lab 0.5cr=22.5 contact hours, Clinical: 0.5cr=22.5 contact hours) (2-0.5-0.5)		
NUR2006	Advanced Concepts of Medical Surgical Nursing I	6.5
Builds on medical surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical judgment necessary for safe, patient-centered nursing care to developmentally and culturally diverse, high acuity medical surgical adult patients. The course incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse. The application of knowledge and skills occurs in the nursing skills laboratory and in a variety of clinical settings. Prerequisite: Successful completion of the first year of ADN course work to include successful completion of BIO2116, MAT1120, and 3 credits of social science elective. (Theory: 3cr= 45 contact hours; Lab: 0.5cr= 22.5 contact hours; Clinical: 3cr= 135 contact hours.) (3-0.5-3)		

Course Number	Course Title	Credits
NUR2011	Psychiatric-Mental Health NSG	4
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. Prerequisite: Successful completion of the first year of ADN course work to include successful completion of BIO2116, MAT1120, and 3 credits of Social Science elective. (Theory: 2.7 cr/40.5 contact hrs, Clinical: 1.3 cr/58.5 contact hrs.) (2.7-0-1.3)		
NUR2012	Pharmacology II	2
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. Prerequisite: Successful completion of the first year of ADN course work to include successful completion of BIO2116, MAT1120, and 3 credits of Social Science elective. (Theory 2cr= 30 contact hours.) (2-0-0)		
NUR2016	Advanced Concepts of Medical Surgical Nursing II	5
Continues to build on medical surgical nursing theory, mental health concepts, communication, collaboration, caring, and critical thinking/clinical judgment necessary for safe, patient centered nursing care to developmentally and culturally diverse adult patients experiencing high acuity medical/surgical conditions. This course incorporates evidence-based practice, quality improvement, professional standards, and legal and ethical responsibilities of the professional nurse in high acuity settings. The application of knowledge and skills occurs in a variety of clinical settings. Prerequisite: Successful completion of the third semester of the ADN course work. (Theory: 2.3cr= 34.5 contact hours; Clinical: 2.7cr= 121.5 contact hours.) (2.3-0-2.7)		
NUR2030	Transition to Professional NSG	4
Provides an integrative experience applying all dimensions of the professional nurse when caring for diverse patient populations across a variety of healthcare settings. All major concepts of the nursing program are addressed in this seminar and practice capstone course. Leadership and the management of multiple patients are emphasized. The application of knowledge and skills occurs in the clinical setting to facilitate an effective transition from student to registered professional nurse Prerequisite: Successful completion of the third semester of the ADN course work. (Theory: 1.6cr= 24 contact hours; Clinical: 2.4cr= 108 contact hours.) (1.6-0-2.4)		

Physical Education

Course Number	Course Title	Credits
PED1001	Conditioning Lab	1
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. (0-2)		
PED1004	Cross Training	1
Introduces basic cross-training techniques designed to improve physical work capacity of an individual. Enables the student to gain an understanding of the basic principles of cross training, the effects cross training has upon the body's energy systems and muscles, program design and terminology. (0-2)		
PED1043	Yoga I	1
Introduces the history and philosophy of yoga, fundamental principles of alignment, breath work, and meditation through guided practice. Course focuses on demonstrating safety and stability within each pose. (0-2)		
PED1044	Yoga II	1
Continues to build on the concepts of basic yoga. Increases awareness of yoga including physical and mental benefits. (0-2)		
PED1051	Walking and Jogging	1
Enables the student to understand the values in walking and jogging. Safety precautions and emphasis on personal programs are emphasized. (0-2)		
PED1075	Special Topics	1
Provides students with a vehicle to pursue in-depth exploration of special topics of interest.		

Course Number	Course Title	Credits
PED1076	ST: Team Practice	0
Provides students with a vehicle to pursue in depth exploration of special topics of interest.		
PED2011	Bowling	1
Introduces bowling fundamentals to improve the student's skill level. The primary emphasis is on teaching the student the elements of bowling, rules and regulations, footwork, courtesies, delivery, selection of ball, scoring, and team and individual competition. (0-2)		
PED2021	Dynamic Workout	1
Designed for those who want to increase fitness and improve muscle tone through proper exercise techniques using mat work. Body alignment, breathing, and work on the abdominals, hips, and thighs will be emphasized.		
PED2037	Varsity Sports	1
Allows the student-athletes an opportunity to participate in a competitive varsity sports program. (0-5)		

Philosophy

Course Number	Course Title	Credits
PHI1011	Introduction to Philosophy: GT-AH3	3
Introduces significant human questions and emphasizes understanding the meaning and methods of philosophy. Includes human condition, knowledge, freedom, history, ethics, the future, and religion. This is a Statewide Guaranteed Transfer course in the GT-AH3 category. (3-0)		
PHI1012	Ethics: GT-AH3	3
Examines human life, experience, and thought in order to discover and develop the principles and values for pursuing a more fulfilled existence. Theories designed to justify ethical judgments are applied to a selection of contemporary personal and social issues. This is a Statewide Guaranteed Transfer course in the GT-AH3 category. (3-0)		
PHI1013	Logic: GT-AH3	3
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. (3-0)		
PHI1014	Comparative Religions: GT-AH3	3
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. (3-0)		
PHI1015	World Religions-West: GT-AH3	3
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. (3-0)		
PHI1016	World Religions-East: GT-AH3	3
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. (3-0)		
PHI1041	Old Testament: GT-AH3	3
Surveys the literature produced by ancient Israel from its inception in the 10th century BCE to its absorption into the Roman Empire. The Hebrew Scriptures along with selected Apocryphal writings will be examined. The course will focus on the interpretation of these texts in light of the historical and cultural milieu from which they arose. Particular attention will be paid to the comparison of the literature of ancient Israel to that of its neighbors. This is a statewide Guaranteed Transfer course in the GT-AH3 category. (3-0)		

Course Number	Course Title	Credits
PHI1042	New Testament: GT-AH3	3
This course surveys the literature of the early Christian era, from its inception to approximately 150 C.E. The New Testament as well as selected non-canonical writings from the period are examined. The course focuses on the interpretation of these texts in light of the cultural milieu from which they arose. Particular attention is paid to the influence of ancient literary conventions upon the Christian writers of this time. This is a Statewide Guaranteed Transfer course in the GT-AH3 category. (3-0)		
PHI2005	Business Ethics: GT-AH3	3
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. (3-0)		
PHI2014	Philosophy of Religion: GT-AH3	3
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. (3-0)		
PHI2018	Environmental Ethics: GT-AH3	3
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. (3-0)		
PHI2020	Philosophy of Death and Dying: GT-AH3	3
Explores the major philosophical questions surrounding death and dying, the metaphysical arguments for and against the existence of the soul, life after bodily death, the major ethical theories and their relation to issues of physician-assisted suicide, care for the dying, the grieving process, death as expressed in aesthetics and contemporary society, as well as the existential contributions concerning meaning of life and the meaning of death. This is a Statewide Guaranteed Transfer course in the GT-AH3 category. (3-0)		

Physics

Course Number	Course Title	Credits
PHY1030	Physics for CTE Occupations: Auto/Diesel Tech, Wind Tech, Industrial Maint., Agriculture, Welding Tech	2
Focuses on physics of mechanics, heat, properties of matter, electricity, magnetism, and light as applied in career & technical occupations. (1-2)		
PHY1105	Conceptual Physics with Lab: GT-SC1	4
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. Prerequisite: College Readiness in English and Quantitative Literacy Math. (3-2)		
PHY1111	Physics Algebra Based I with Lab: GT-SC1	5
Covers the physics of mechanics and requires application of classical physics to both mathematical and conceptual problems. Major topics include kinematics in one or 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. Students entering engineering or one of the advance sciences should register for PHY2111. Prerequisite: Successful completion of MAT1340 with a "C" grade or better. (4-2)		

Course Number	Course Title	Credits
PHY1112	Physics Algebra Based II with Lab: GT-SC1	5
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. Prerequisite: Successful completion of PHY1111 with a "C" grade or better. (4-2)		
PHY2111	Physics Calculus Based I with Lab: GT-SC1	5
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. Prerequisites: Successful completion of MAT2410 with a "C" grade or better. (4-2)		
PHY2112	Physics: Calculus Based II with Lab: GT-SC1	5
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. Prerequisite: Successful completion of PHY2111 with a "C" grade or better. (4-2)		

Political Science

Course Number	Course Title	Credits
PSC1011	American Government: GT-SS1	3
Includes the background of the U.S. Constitution, the philosophy of American government, general principles of the Constitution, federalism, and civil liberties. Examines public opinion and citizen participation, political parties, interest groups, the electoral process, and the structure and functions of the national government. This is a Statewide Guaranteed Transfer course in the GT-SS1 category. (3-0)		
PSC1025	American State and Local Govt: GT-SS1	3
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. (3-0)		
PSC2005	International Relations: GT-SS1	3
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. (3-0)		
PSC2020	Introduction to Political Science: GT-SS1	3
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. (3-0)		
PSC2025	Comparative Government: GT-SS1	3
Examines domestic political systems, developments, themes, and events across countries and regions while applying the comparative method to identify similarities and differences. This is a Statewide Guaranteed Transfer course in the GT-SS1 category. (3-0)		

Psychology

Course Number	Course Title	Credits
PSY1001	General Psychology I: GT-SS3	3
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. Prerequisite: College Readiness in English. (3-0)		

Course Number	Course Title	Credits
PSY1002	General Psychology II: GT-SS3	3
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. Prerequisite: College Readiness in English. (3-0)		
PSY1075	Special Topics	1
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. Prerequisite: College Readiness in English. (1-0)		
PSY1076	Special Topics	1
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. Prerequisite: College Readiness in English. (1-0)		
PSY2000	Research Methodology	4
Introduces research methods and designs including correlational studies, experimental designs and quasi-experimental designs. Additional topics include evaluations of scientific research, data analysis, report writing and research ethics. (3-0)		
PSY2075	Special Topics	1
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. Prerequisite: College Readiness in English.		
PSY2076	ST: Peer Helping IV	1
Provides students with a vehicle to pursue in depth exploration of special topics of interest. Prerequisite: College Readiness in English.		
PSY2078	ST: Peer Helper V	1
Provides students with an exceptional learning experience. Prerequisite: College Readiness in English.		
PSY2105	Psychology of Gender: GT-SS3	3
Examines gender comparisons in work, courtship, family life, and sexual behavior throughout the life span. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English. (3-0)		
PSY2107	Human Sexuality: GT-SS3	3
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. Prerequisite: College Readiness in English. (3-0)		
PSY2221	Social Psychology: GT-SS3	3
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. Prerequisite: College Readiness in English. (3-0)		
PSY2222	Psychology of Death/Dying: GT-SS3	3
Examines the 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. Prerequisite: College Readiness in English. (3-0)		
PSY2331	Positive Psychology	3
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. (3-0) This is a statewide Guaranteed Transfer course in the GT-SS3 category.		
PSY2333	Health Psychology: GT-SS3	3
Students will learn an overview of the scientific study of attitudes, behaviors and personality variables related health, illness, and bodily systems. Emphasis is on 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. Prerequisite: College Readiness in English. (3-0)		
PSY2440	Human Growth & Development: GT-SS3	3
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. Prerequisite: College Readiness in English. (3-0)		

Course Number	Course Title	Credits
PSY2441	Child Development: GT-SS3	3
Focuses on 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. Prerequisite: College Readiness in English. (3-0)		
PSY2442	Child & Adolescent Psychology	3
Explores human development from conception through adolescence, emphasizing physical cognitive, emotional, and psychosocial factors. Prerequisite: College Readiness in English. (3-0)		
PSY2552	Abnormal Psychology: GT-SS3	3
Examines abnormal behavior and its classification, causes, treatment, and prevention. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English. (3-0)		
PSY2770	Introduction to Forensic Psychology	3
Provides an overview of forensic psychology. This course explores both current research and practice in police psychology, criminal psychology, victimology, correctional psychology, and the interface of psychology and the courts. This course facilitates an understanding of the numerous careers related to forensic psychology and how to prepare for them. Prerequisite: College Readiness in English. (3-0)		
PSY2771	Psychology of Personality: GT-SS3	3
Examines the structure, function, and development of personality. Investigates the major contemporary theories of personality. Covers psychodynamic, behavioral, cognitive-social learning, humanistic, trait, and, optionally, neurobiological, existential, and/or Eastern perspectives. The underlying assumptions and research support for these theories are appraised. Enables the student to gain an appreciation of the value of alternative theoretical approaches to this subfield of psychology. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English. (3-0)		

Range Management

Course Number	Course Title	Credits
RAM2005	Range Management	3
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. (2-2)		

Reading

Course Number	Course Title	Credits
REA1030	Applied and Technical Reading	2
Focuses on the appropriate reading strategies to understand technical, vocational and academic texts, manuals, professional journals, and pleasure materials, to complete a task in the workplace, and to comprehend a new process. Prerequisite: Appropriate placement score. (2-0)		

Recreation

Course Number	Course Title	Credits
REC1020	Introduction to Sport Management	3
Provides the student with knowledge of management in the areas of facilities, professional organizations, educational institutions, and 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. (3-0)		

Science

Course Number	Course Title	Credits
SCI1055	Integrated Science I - Physics and Chemistry with Lab: GT-SC1	4
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. Prerequisite: College readiness in English and Career & Technical Math. (3-2)		
SCI1056	Integrated Science II - Earth and Life Science with Lab: GT-SC1	4
Examines earth and biological systems, living and non-living environments, through the application of fundamental energy and matter concepts. These systems and concepts will be explored in hands-on laboratory experiments. This is a Statewide Guaranteed Transfer course in the GT-SC1 category. Prerequisite: College readiness in English and Career & Technical Math. (3-2)		
SCI1105	Science in Society: GT-SC2	3
Examines issues relating to the way science interacts with society. A selection of issues from information technology, the environment and earth science, physics and astronomy, biology, medicine, and the interaction of science with politics will be examined, as informed by current events. Emphasis will be on research, inquiry, and critical analysis of science-related issues, including the negative and positive roles of science in society. This is a statewide Guaranteed Transfer course in the GT-SC2 category. Prerequisite: College Readiness in English. (3-0)		

Sociology

Course Number	Course Title	Credits
SOC1001	Introduction to Sociology I: GT-SS3	3
This course examines the basic concepts, theories, and principles of sociology, including topics of culture, race, class, gender, sexuality, social groups, and deviance through a local and global lens. Analyzes and interprets socio-historic as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English. (3-0)		
SOC1002	Introduction to Sociology II: GT-SS3	3
Examines the basic concepts, theories, and principles of sociology, including topics of family, religion, education, politics, the economy, health, demography, the environment and social movements through a local and global lens. Analyzes and interprets socio-historical as well as contemporary issues by using critical thinking skills and linking individual experiences to social structures. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English. (3-0)		
SOC1015	Quest for Identity	3
Emphasizes basic theories and concepts on the development of self, interpersonal relationships, and the study of family structures in US society. (3-0)		
SOC1017	Life Goals and Achievements	3
Focuses on the use of sociological knowledge to explore how self-concept develops. Additionally, this course examines how one's past as well as one's present actions affect changes in self-concept. Finally, this course explores methods of stigma reduction and identity creation. (3-0)		
SOC1075	Special Topics	1
Provides students with a vehicle to pursue in depth exploration of special topics of interest. (1-0)		
SOC1076	Special Topics	1
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. (1-0)		
SOC2005	Sociology Of Family Dynamics: GT-SS3	3
Offers a critical exploration of marriage, family and kinship. It examines the family as an institution and how social, cultural and personal factors influence family relations locally and globally. Explores the stability and evolution of the family, along with current trends and a range of family forms. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English. (3-0)		

Course Number	Course Title	Credits
SOC2031	The Sociology of Deviant Behavior: GT-SS3	3
Critically examines various deviant categories and societal reactions to deviance affecting diverse populations. Examines how sociologists study deviance and the theories they use to explain it. Explains the ways social institutions define deviance and attempt to control, change, or treat those deviant behaviors, attitudes, and conditions. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English. (3-0)		
SOC2075	Special Topics	1
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. (1-0)		
SOC2076	Special Topics	1
Provides students with a vehicle to pursue in-depth exploration of special topics of interest. (1-0)		

Spanish

Course Number	Course Title	Credits
SPA1011	Spanish Language I	5
Deals with the development of functional proficiency in listening, speaking, reading, and writing the Spanish language. Note: The order of the topics and methodology will vary according to individual texts and instructors. (5-0)		
SPA1012	Spanish Language II	5
Continues Spanish Language I in the development of functional proficiency in listening, speaking, reading, and writing the Spanish language. Note: The order of the topics and the methodology will vary according to individual texts and instructors. Prerequisite: Successful completion of SPA1011 with a "C" grade or better. (5-0)		
SPA2011	Spanish Language III: GT-AH4	3
Continues Spanish Language I and II in the development of increased functional proficiency in listening, speaking, reading, and writing the Spanish language. Note: The order of the topics and the methodology will vary according to individual texts and instructors. This is a Statewide Guaranteed Transfer course in the GT-AH3 category. Prerequisites: Successful completion of SPA1012 with a "C" grade or better. (3-0)		
SPA2012	Spanish Language IV: GT-AH4	3
Continues Spanish Language I, II, and III in the development of increased functional proficiency in listening, speaking, reading, and writing the Spanish language. Note: The order of the topics and the methodology will vary according to individual texts and instructors. This is a Statewide Guaranteed Transfer course in the GT-AH3 category. Prerequisite: Successful completion of SPA2011 with a "C" grade or better. (3-0)		

Theater

Course Number	Course Title	Credits
THE1005	Theatre Appreciation: GT-AH1	3
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.		
THE1011	Acting I	3
Covers basic acting techniques and approaches including scene study, improvisation, and script analysis. It includes practical application through classroom performance. (3-0)		
THE1012	Acting II	3
Continues to explore basic acting techniques and approaches including scene study, improvisation, and intermediate script analysis. It includes practical application through classroom performance. (3-0)		
THE1016	Technical Theatre	3
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. (3-0)		
THE1031	Theatre Production I	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. (3-0)		
THE1032	Theatre Production II	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. (3-0)		

Course Number	Course Title	Credits
THE1041	Improvisation I	1
Helps students learn improvisation skills for performance and character development. Emphasis is placed on "Second City" style of improvisation. (1-1)		
THE2011	Development of Theatre Greek Renaissance: GT-AH1	3
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. (3-0)		
THE2012	Development of Theatre Restoration to Modern: GT-AH1	3
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.		
THE2015	Playwriting: GT-AH1	3
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. (3-0)		
THE2046	Rehearsal & Performance	1
Gives the student actor practical experience in a real acting environment. Through the audition and rehearsal process the student's imagination and creative potential will be stimulated. Special attention will be given to characterization, stage movement, speech techniques, dramatic form and the rehearsal, production and performance process. The successful rehearsal and presentation of the current production to the public will be the focal point of their activities. Previous acting experience is helpful but not required. (0-4)		

Unmanned Aircraft Systems

Course Number	Course Title	Credits
UAS2055	Unmanned Aircraft Systems Ground School	2
Introduces the regulations pertaining to Unmanned Aircraft Systems (UAS), operations including airspace, weather, and flight parameter limitations. This course also covers UAS components and systems, maintenance, autonomy, ground stations, and telemetry. The topics covered are included in the UAS Operator written test. (2-0)		

Welding

Course Number	Course Title	Credits
WEL1000	Safety for Welders	1
Covers the hazards of welding on health and safety, locating essential safety information from a code or other standard, and identifying and applying shop safety procedures. (1-0)		
WEL1006	Blueprint Read-Welders/Fitters	4
Covers interpretation and creation of weld symbols and blueprints used in metal fabrication. (4-0)		
WEL1013	Oxyfuel and Plasma Cutting	2
Outlines the skills needed to set up equipment and perform cutting and gouging operations utilizing the oxyacetylene and plasma arc cutting processes. (1-2)		
WEL1014	Oxyacetylene Welding	2
Teaches the skills necessary to perform safety inspections, make minor repairs, adjust operating parameters, operate oxyacetylene welding equipment, and perform oxyacetylene welding, brazing, and soldering operations. (1-2)		
WEL1016	SMAW Flat & Horizontal	2
Covers fundamental knowledge and skills required for the safe use of Shielded Metal Arc Welding (SMAW) equipment including proper set up, shut down, electrode selection, striking the arc, running a bead, making fillet and groove open root welds in the flat and horizontal positions, proper use of E6010, E7018, and other electrodes, and weldment inspection. (1-2)		
WEL1017	SMAW Vertical	2
Covers Shielded Metal Arc Welding (SMAW) techniques in the vertical position including the use of E6010 and E7018 electrodes, proper set up and shut down of the welding equipment, electrode selection, vertical up and down stringer beads using E6010 electrodes, and vertical up fillet and groove welds using E6010 and E7018 electrodes. (1-2)		

Course Number	Course Title	Credits
WEL1018	SMAW Overhead	2
Covers Shielded Metal Arc Welding (SMAW) techniques in the overhead position including the use of E6010 and E7018 electrodes, proper set up and shut down of the welding equipment, electrode selection, overhead stringer and weave beads using E6010 and E7018 electrodes, and overhead fillet and groove welds using E6010 and E7018 electrodes. (1-2)		
WEL1026	GMAW (MIG) Steel I	2
Covers the theory and techniques in basic Gas Metal Arc Welding (GMAW) to produce sound fillet welds and groove welds in both the flat and vertical positions using short-circuit and spray modes of metal transfer. (1-2)		
WEL1040	Welding Practices & Procedures	1.5
Teaches applied metallurgy, welding process applications, and related safety. This intensive course provides a one-of-a-kind opportunity for welding operators, technicians, and supervisors to learn more about the maintenance process and is ideal for improving the skills and on-the-job expertise of a wide range of personnel including: inexperienced welding operators, experienced welding operators in management positions, and anyone else working in a plant or equipment maintenance position where welding repairs are required. "Open to Any Student" (.5-1.5)		
WEL1046	Basic Robotic Welding - FANUC	2
Covers the basic operation of a FANUC robot cell including the terminology associated with a FANUC robot, safety concerns of a robot cell, start-up, shut-down, and basic programming using a teach pendant. (1-2)		
WEL1050	American Welding Society Qualification Testing	1
Provides students with the opportunity to complete a welding qualification test in accordance with an American Welding Society code or specification. (0.5-1)		
WEL1064	GTAW Steel I	2
Examines theory and techniques used in basic Gas Tungsten Arc Welding (GTAW) of steel fillet and groove welds in the flat and vertical positions including equipment adjustment, tungsten electrode types, and the use of different gases. (1-2)		
WEL1065	GTAW (TIG) Steel II	2
Examines the theory and techniques used in Gas Tungsten Arc Welding (GTAW) of steel fillet and groove welds in the horizontal and overhead positions including equipment adjustment and pulse arc welding (GTAW-P). (1-2)		
WEL2000	Advance CAD/CAM Cutting Processes	4
Covers advanced plasma cutting processes including designing and generating images using Computer Aided Design and Computer Aided Manufacturing (CAD/CAM) software. The course covers cutting developed images or parts using the Computer Numerical Control (CNC) Plasma Cutting Table. (2-4)		
WEL2016	SMAW Pipe I	2
Covers the use of Shielded Metal Arc Welding (SMAW) for basic pipe welding techniques involving pipe-to-plate, single, and multiple pass fillet welds in the horizontal (2F), multi-position (5F) uphill and downhill, and overhead positions (4F) using E6010 and E7018 electrodes including proper positioning around pipe and tube in preparation for welding pipe-to-pipe connections. (1-2)		
WEL2017	SMAW Pipe II	2
Provides instruction of advanced pipe welding techniques using the Shielded Metal Arc Welding (SMAW) process to weld open root and pipe-to-pipe connections in the horizontal (2G), multi-position vertical uphill progression (5G), and multi-position 45-degree incline (6G) positions using E6010 and E7018 electrodes. Each pipe position is tested using visual inspection and root/face bend test. (1-2)		
WEL2018	SMAW Pipe III	2
Provides instruction of advanced pipe welding techniques of Gas Tungsten Arc Process (GTAW) and Shielded Metal Arc Welding (SMAW) for welding open root, pipe-to-pipe connections in the horizontal (2G), multi-position vertical uphill progression (5G), and multi-position 45-degree incline (6G) positions with GTAW root and SMAW E7018 electrodes for the fill/cap. Each pipe position is tested using visual inspection and root/face bend test specimens. (1-2)		
WEL2026	GMAW (MIG) Steel II	2
Covers the theory and techniques in Gas Metal Arc Welding (GMAW) to produce sound fillet welds and groove welds in both the horizontal and overhead positions using short-circuit (GMAW-S) and pulsed-spray (GMAW-P) modes of metal transfer. This course is a continuation of GMAW – Steel I. (1-2)		

Course Number	Course Title	Credits
WEL2027	GMAW Stainless & Aluminum	2
An advanced course covering Gas Metal Arc Welding (GMAW) of aluminum and steel using stainless steel wire in all positions; utilizing short-circuit (GMAW-S), spray (GMAW), and pulsed-spray (GMAW-P) modes of metal transfer. (1-2)		
WEL2046	Advanced Robotic Welding	2
A continuation of basic robotic welding skills. The course covers the function and use of advanced features of a robotic welding system.		
WEL2051	Design, Layout and Fabrication	4
Develops advanced welding and associated skills in the use of drawings and blueprints in planning. This course includes designing and layout projects. (1-5)		
WEL2052	FCAW Flat & Vertical	2
Covers gas shielded (FCAW-G) and self-shielded (FCAW-S) Flux-cored Arc welding (FCAW) in the flat and vertical positions using semi-automatic equipment. (1-2)		
WEL2053	FCAW Horizontal & Overhead	2
Covers gas shielded (FCAW-G) and self-shielded (FCAW-S) Flux-cored Arc welding (FCAW) in the horizontal & overhead positions using semi-automatic equipment. (1-2)		
WEL2054	Gas Shielded Arc - Pipe	2
Covers advanced Gas Shielded Arc Welding operations of pipe-to-pipe connections including open root, fill, and cover passes in the 2G position with Gas Metal Arc Welding short-circuit (GMAW-S), 5G GMAW-S open root vertical down with Flux Cored Arc Welding gas-shielded (FCAW-G) fill and cover passes, 6G GMAW-S open root vertical up with Flux Cored Arc Welding self-shielded (FCAW-S) fill and cover passes, and 6G Gas Tungsten Arc Welding (GTAW) open root with FCAW-G fill and cover passes. (1-2)		
WEL2060	GTAW Stainless & Aluminum I	2
Examines theory and techniques used in basic Gas Tungsten Arc Welding (GTAW) of stainless steel and aluminum in the flat and vertical positions including equipment adjustment, tungsten electrodes types, and the use of different gases. (1-2)		
WEL2061	GTAW Stainless & Aluminum II	2
Covers Gas Tungsten Arc Welding (GTAW) of stainless steel and aluminum in the horizontal and overhead positions including the study of pulse arc welding (GTAW-P). This course is a continuation of Gas Tungsten Arc Welding (GTAW)-Stainless and Aluminum I. (1-2)		
WEL2063	Applied Metal Properties	4
Introduces the study of metal properties, hardness testing, heat treatment, cold working microscopic examination, and application of common commercial alloys in industry. (4-0)		

Women's Studies

Course Number	Course Title	Credits
WST2000	Introduction Women`s Studies: GT-SS3	3
Explores the interdisciplinary field of women's studies. This course is an examination of the following topics: the historical basis of gender inequality; the history of social movements for gender equality and women`s studies; women's achievements throughout history in various professional and academic fields; women's social, economic, religious, health and political status in the U.S. and around the globe; gender relations; intersectionality; cultural, media and artistic representations of women. This is a Statewide Guaranteed Transfer course in the GT-SS3 category. Prerequisite: College Readiness in English.		

Wind Turbine Generator

Course Number	Course Title	Credits
WTG1000	Introduction to Wind Industry	3
Introduces students to the wind power generation industry. Topics covered will include physics of wind energy, various sizes and types of wind turbines, and reading wind maps for finding the best wind locations. Students will also engage in discussions of the impact of the wind industry on social, environmental, economic, and political issues. (1-3.5)		

Course Number	Course Title	Credits
WTG1010	Wind Turbine Generator Power & Control Systems	3
Provides a comprehensive overview of the wind turbine generator systems. Focus will be on the power distribution and systems controls including theory, application, component identification, and schematics. Safety and appropriate Personal Protective Equipment will be emphasized in lab environment. Prerequisite: Successful completion of ELT1206 or EIC1201 with a "C" grade or better. (1-3.5)		
WTG1075	Wind Turbine Generator - Special Topics	2
Provides students with a vehicle to pursue in depth exploration of special topics of interest. (1-2)		
WTG2075	Wind Turbine Generator - Special Topics	2
Provides students with a vehicle to pursue in depth exploration of special topics of interest. (1-2)		
WTG2080	Wind Technician Internship	6
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. Prerequisite: Permission of Chair or Instructor. (Internship hours-240)		
WTG2089	Wind Technician Capstone	2
Provides a comprehensive overview of the Wind Technician Program, giving the student a unified picture of the wind industry and the role of the wind technician. Students are further prepared for entering industry by developing their own resume, introduced to online job services, and industry organizations. Current and future wind industry niches and trends will be discussed to give the students possible career paths to look further into and plan for. Prerequisite: Permission of Chair or Instructor. (2-0)		
WTG2620	Wind Turbine Generator Troubleshooting & Repair	4
Introduces students to standards and techniques of wind turbine technician operations, maintenance, troubleshooting, and repair. Emphasis on teamwork, safety, accuracy, and efficiency as well as basic troubleshooting techniques. Discussion will cover building, commissioning, warranty, operations and maintenance, and hotshot troubleshooting crews and work environments. Prerequisite: Successful completion of ELT1206 or EIC1201 with a "C" grade or better. (1-5)		



Placement Reference Guide

	ACT	SAT	NEXGEN Accuplacer	SDP	HS Classes	Prior College Credit (with C or better)	GED	TOEFL	IELT
College Ready English	English ≥18	Reading & Writing ≥470	Writing≥246	EXCR=92	3.0 unweighted high school GPA and has passed 11th grade English with a B or better (in the last 2 years)	ENG 0090, 0092, 1021, 1031, 1022, ESL 0043, 0053	Language ≥ 165	≥66	≥7
College Ready Algebra	Math ≥23	Math ≥560	AF≥245	EX55=1	3.0 unweighted high school GPA and has passed pre- calculus with a B or better (in the last 18 months), student can enroll in College Algebra.	MAT 0300, 1240, 1260, 1340	Math≥165		
College Ready Quantitative Literacy	Math ≥19	Math ≥500	QA ≥240, AF ≥245	EX50=1, EX 55=1	3.0 unweighted high school GPA and has passed high school pre- calculus, algebra II, or Geometry with a B or better (in the last 18 months), student can enroll in career/technical math, liberal arts math, or statistics.	MAT 0250, 0300, 1240, 1220, 1230, 1260, 1340	Math≥165		
College Ready Career Math	Math ≥19	Math≥500	AR≥265, QA≥240	EX50=1, EX 55=1	3.0 unweighted high school GPA and has passed high school pre- calculus, algebra II, or Geometry with a B or better (in the last 18 months), student can enroll in career/technical math, liberal arts math, or statistics.	MAT 0250, 0300, 1240, 1220, 1230, 1260, 1340			

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***Leo Armstrong** – *Professor Emeritus of Science.*

***Ronald Bailey** – *Emeritus Dean of Instruction.*

Karen Bargell – *Professor Emeritus of Secondary Med-Prep.*

Pam Berns – *Professor Emeritus of English/Speech/Humanities.*

***Norman Berry** – *Professor Emeritus of Science.*

***Geraldine Bodkin** – *Professor Emeritus of Reading and Study Skills.*

Ronda Bowey – *Emeritus Director of Student Success/Concurrent Enrollment.*

Ed Brandt – *Professor Emeritus of Physical Education.*

Carol Brom – *Professor Emeritus of Emergency Medical Services.*

Mike Brownell – *Professor Emeritus of Agriculture/Soils.*

Betty Brunner – *Professor Emeritus of Practical Nursing.*

Bruce Bryden – *Emeritus Dean of Students.*

***Roland “Bud” Christian** – *Professor Emeritus of English and Speech.*

David Coles – *Professor Emeritus of Chemistry & Astronomy.*

***Dorothy Corsberg** – *Professor Emeritus of Humanities.*

***Jack Dietz** – *Professor Emeritus of Psychology.*

Kala Doane – *Professor Emeritus of Ag Business Management.*

James Dorland – *Professor Emeritus of Secondary Automotive Technology.*

***Roy Edwards** – *Professor Emeritus of Physical Education*

***Edith Evans** – *Professor Emeritus of Business and Science.*

***Kent Ewing** – *Professor Emeritus of Agricultural Diesel Equipment.*

Glen Fackler – *Professor Emeritus of Accounting.*

Maret Felzien – *Director of Academic Support Services*

***Don Fender** – *Professor Emeritus of Automotive Technology.*

Patricia Fox – *Emeritus Executive Director for Centralized Services.*

***Ervin S. French** – *Professor Emeritus.*

***Walter Gall, Jr.** – *Professor Emeritus of Economics.*

Jim Gann – *Professor Emeritus of Auto Body Repair.*

Stanton Gartin – *Executive Vice President*

***Lee Gentry** – *Professor Emeritus of Business.*

Judy Giacomini – *Emeritus Vice President of Student Services.*

***Willie Gore** - *Professor Emeritus of Biology.*

***Arllys Hanson** – *Professor Emeritus of Mathematics.*

***Zane Hays** – *Emeritus Vice President of Instruction.*

Connie Henderson – *Professor Emeritus of Biology.*

Renee Johnson – *Emeritus Director of Human Resources.*

***Hilbert Kahl** – *Emeritus Dean of Occupational Education.*

Tammy Kallsen – *Emeritus Director of Human Resources.*

***Louise Kelly** – *Professor Emeritus of Business.*

***Richard Kelly** – *Professor Emeritus of Physics.*

***Richard Kuebler** – *Professor Emeritus of Theatre.*

Rita Lambrecht Thompson – *Professor Emeritus of Business/Marketing.*

***Bill Lanham** – *Professor Emeritus of Physical Education.*

Bessie Jean Langdon – *Professor Emeritus of Practical Nursing.*

Nancy Mann – *Emeritus Study Skills Coordinator.*

Janie Marin – *Emeritus Director of Bookstore.*

***James May** – *Professor Emeritus of Automotive Technology.*

Carol McBride-Graybill – *Emeritus ABE/GED/ESL Coordinator.*

Dr. Allen Meyer – *Emeritus Dean of Adult, Career and Technical Education.*

Joe Mills – *Professor Emeritus of Humanities.*

Ronda Monheiser – *Professor Emeritus of Business.*

***Ralph Moyer** – *Professor Emeritus of Social Science.*

Daniel Z. Muggli – *Emeritus Controller.*

Allen Nelson – *Professor Emeritus of Animal Science.*

Shelby Nichols - *Professor Emeritus of Chemistry.*

***Hal Perry** – *Professor Emeritus of Business.*

***Orville Pieper** – *Professor Emeritus of Agriculture.*

Bob Plank – *Professor Emeritus of Business.*

***Charles N. Podraza** – *Professor Emeritus of Mathematics.*

***Charles F. Poole** – *Founding Chief Executive Officer/President Emeritus.*

Harry (Clay) Prall – *Professor Emeritus of Mathematics.*

***Larry Prestwich** – *Professor Emeritus of Art/French.*

Diane Reuszer – *Professor of English*

Brenda Rhodes – *Professor Emeritus of Business.*

***F.R. Roche** – *Emeritus Dean of Student Services.*

***Lowell Roumph** – *Professor Emeritus of Physical Education.*

Paul Schmidt – *Professor Emeritus of Computer Science.*

***Merle Sherman** – *Professor Emeritus of Business.*

Lisa Shinn – *Professor Emeritus of Ag Business Management.*

***Don Short** – *Professor Emeritus of Social Science.*

***Jerry W. Spoon** – *Professor Emeritus of English and Philosophy.*

***C.R. Stasenka** – *Professor Emeritus of Music.*

Jim Stegman – *Professor Emeritus of English.*

***Judy Szabo** – *Professor Emeritus of English/Reading.*

Bart Thiele – *Emeritus Director of Student Life.*

Mike Vair - *Professor Emeritus of Math.*

Cyndi Vandembark – *Emeritus Director of Academic Technology.*

Robert Wagner – *Professor Emeritus of English and Music.*

Debra Walker – *Professor Emeritus of Accounting.*

Alice Weingardt – Director of Financial Aid

Darrell Wood – *Professor Emeritus of English.*

Sheila Worley – *Professor Emeritus of Physical Education.*

Kent Wright – *Professor Emeritus of Automotive Technology.*

Tracy Yahn - *Emeritus Coordinator of EMS/Fire Science Training.*

Peter L. Youngers – *Emeritus Associate Dean of Humanities and Human Services.*

Brenda Zink - Department Chair of Health, Science, & Math

*Deceased

Directory

Name	Title	Degrees
Mike Anderson	Department Chair - Agriculture	<ul style="list-style-type: none">• A.A.- Northeastern Junior College• B.S.- Colorado State University• M.Ed.- Colorado State University
Cian Apple	Assistant Wrestling Coach	<ul style="list-style-type: none">• A.A.-Northeastern Junior College• B.A.-Colorado Mesa University
Brianna Bade	Holyoke Adult Education Instructor	<ul style="list-style-type: none">• A.S.-Northeastern Junior College• B.S.-Colorado State University
Jaxon Barlow	Assistant Coach- Men's Basketball	<ul style="list-style-type: none">• B.S.-Westminster University• MSc-Bournemouth University
Jennifer Betzmer	English Faculty	<ul style="list-style-type: none">• A.A.-Northeastern Junior College• B.A.-Doane University• M.A.-University of Wyoming
Megan Blair	Cheer Coach	
Kevin Blankenship	Advisory Council Member	
Chad Borgmann	Criminal Justice	
Melissa Bornhoft	Assistant Director - Monahan Learning Center	<ul style="list-style-type: none">• A.A.- Northeastern Junior College• B.S.- Colorado State University
Jennifer Boughner	Custodian I	
Donna Brady-Lawler	Early Childhood Education Coordinator and Professor	<ul style="list-style-type: none">• B.A.- Metro State College• M.Ed.- Colorado State University
Jannifer Brandenburg	Nursing Faculty	<ul style="list-style-type: none">• B.S.N.-University of Utah• M.S.N.-University of Northern Colorado
Jody Brandner	Yuma Campus Maintenance	
Joy Branlund	Physical Science	<ul style="list-style-type: none">• B.A.- Macalester College• M.S.- University of Minnesota• Ph.D.- Washington University- St. Louis
Cole Briggs	Equine Management	<ul style="list-style-type: none">• B.S.-Colorado State University
Kathy Bright	Custodian I	<ul style="list-style-type: none">• A.A.S.- Northeastern Junior College

Name	Title	Degrees
Julie Brower	Director of Nursing Programs	<ul style="list-style-type: none"> • B.S.N.-University of Northern Colorado • M.S.N.-University of Northern Colorado
Heather Brungardt	Director of Bookstore Services/Executive Alumni Director	<ul style="list-style-type: none"> • A.A.- Northeastern Junior College • A.S.- Northeastern Junior College • B.S.- Colorado State University
Cherie Brungardt	Director - Information Technology	<ul style="list-style-type: none"> • A.A.- Northeastern Junior College • B.S.- Regis University
Stephanie Budin-Weatherill	English	<ul style="list-style-type: none"> • B.S.- University of Colorado • M.S.- Regis University
Taylor Burns	Assistant Volleyball Coach	
Joshua Burton	Head Coach - Women's Soccer	<ul style="list-style-type: none"> • A.A.-Pima Community College • B.S.-University of Arizona
Cindy Carey	Student Guidance Coordinator	<ul style="list-style-type: none"> • B.A.- University of Colorado at Colorado Springs • M.S.W.- Denver University
Bryson Carley	Custodian I	<ul style="list-style-type: none"> • A.T.-Grays Harbor College
Lindsey Carlson	Animal Science/Livestock Judging Coach	<ul style="list-style-type: none"> • A.S.-Linn-Benton Community College • B.S.-Colorado State University • M.A.-Oregon State University
Amy Carlstedt	Document Center Coordinator	<ul style="list-style-type: none"> • B.A.-University of Nebraska-Lincoln
Thomas Carson	Math Specialist	
Trevor Chintala	Assistant Athletic Director- Game Management	
Mackenzie Chrisman	Head Volleyball Coach	<ul style="list-style-type: none"> • B.A.-University of West Florida
Houston Clevenger	Hall Director - Blue Spruce Hall	
Alan Coffin	Psychology	<ul style="list-style-type: none"> • B.A.-University of Northern Colorado
Martha Conner	Cosmetology Faculty	<ul style="list-style-type: none"> • Cosmetology License-Northeastern Junior College
Mike Conover	Assistant Physical Plant Director	
Laurie Cook	Administrative Assistant II	<ul style="list-style-type: none"> • A.A.S.-Aims Community College
Rebecka Cranwell	English Faculty	<ul style="list-style-type: none"> • B.A.- University of Northern Colorado • M.A.- University of Northern Colorado
Jennifer Crisman	Administrative Assistant II	<ul style="list-style-type: none"> • A.A.S.-Northeastern Junior College
Brian Cullen	Agriculture Business Management Faculty	<ul style="list-style-type: none"> • B.S.- Oklahoma Panhandle State University
Barbara Cullop	College and Career Navigator	<ul style="list-style-type: none"> • A.A.- Morgan Community College • B.A.- Colorado Christian University
Kylee Davidson	Cheer Coach	
Rachelle Davis	Health, Science & Math Department Chair	<ul style="list-style-type: none"> • B.S.-Regis University • M.A.-University of Northern Colorado

Name	Title	Degrees
Brant Davis	Director- Residence Life and Student Activities	<ul style="list-style-type: none"> • A.A.S.- Northeastern Junior College
Andrew De Souza	Coordinator of Campus Safety	<ul style="list-style-type: none"> • A.S.-Northeastern Junior College • B.S.-Colorado Christian University
Matthew Dedrickson	Custodian I	
Celeste Delgado-Pelton	Chair Liberal Arts and Academic Opportunity	<ul style="list-style-type: none"> • B.M.E.- University of Northern Colorado • M.M.- University of Northern Colorado
Jonathan Dilka	Custodian I	
Kelsey Dillinger	Nursing Faculty	<ul style="list-style-type: none"> • A.A.S.-Northeastern Junior College • B.S.N.-Aspen University • M.S.N.-Aspen University
Colby Duncan	Head Coach-Wrestling	
Jeri Estrada	Director-Human Resources	<ul style="list-style-type: none"> • B.A.-University of Northern Colorado
Amber Finlayson	Cheer Coach	
Cathy Fisher	Adult Education Instructor	<ul style="list-style-type: none"> • A.S.-Northeastern Junior College • B.A.-Tabor College
Crystal Frank	History and Political Science Faculty	
Cory Gaines	Physics	<ul style="list-style-type: none"> • B.S.- University of Colorado at Denver • M.S.- Colorado State University
Jeri Garrett	Math Faculty and Phi Theta Kappa Advisor	<ul style="list-style-type: none"> • A.S.- Northeastern Junior College • B.S.- Colorado State University • M.S.- University of Northern Colorado
Jaci Gerk	Financial Aid Advisor	
Shane Gertner	Assistant Coach - Softball	
Jamie Giacomini	Adult and Community Education Director	<ul style="list-style-type: none"> • A.A.-Tallahassee Community College • B.A.- Florida State University • M.N.M.-Regis University
Hannah Gibbs	Assistant Hall Director - Dowis Hall	
Charles Guernsey	Renewable Energy Faculty	
Jason Ha	Academic Technology Coordinator	<ul style="list-style-type: none"> • A.A.-Northeastern Junior College • B.S.-Colorado Christian University
Mattie Haney	Executive Director Foundation	<ul style="list-style-type: none"> • A.A.–Northeastern Junior College • B.S.-Colorado Mountain College
Alexander Haney	Custodian I	
Kay Hansberry	Accounting Technician III	<ul style="list-style-type: none"> • A.A.S.-Aims Community College
Vernon Harbart	Head Coach - Golf	<ul style="list-style-type: none"> • A.A.- Southeast Community College Fairbury • B.A.- Park College Parkville
Tabitha Held	Nursing Life Skills Coach/Program Support	<ul style="list-style-type: none"> • PN Certificate - Northeastern Junior College • A.A.S. - Morgan Community College • B.S.- University of Northern Colorado

Name	Title	Degrees
Marci Henry	Director - Athletics/Health, Human Performance and Sport/Event Center	<ul style="list-style-type: none"> • A.A.- Northeastern Junior College • B.A.- University of Northern Colorado • M.A.- Colorado State University
Deena Hershfeldt	Custodian I	
Jason Hill	Welding Faculty	<ul style="list-style-type: none"> • A.A.S- Southeast Community College
Amanda Holmes	Director-Purchasing	
Auston Hoskins	Social Media Coordinator	
Tammy Jensen	Custodian I	
Krista Johnson	Custodian I	
Craig Jost	Psychology	
Andrew Kachel	Head Coach- Baseball	<ul style="list-style-type: none"> • A.S.- Northeastern Junior College • B.S.-Colorado State University-Pueblo • M.A.- Adams State University
Alexes Kaiser-Ertle	Administrative Assistant II	<ul style="list-style-type: none"> • A.A.S.-Northeastern Junior College
Alisha Kauffman	Behavioral Health Career Navigator	
Tyanne Kembel	Cosmetology	
Amanda Kerker	Business	<ul style="list-style-type: none"> • A.A.-Northeastern Junior College • B.S.-University of Northern Colorado • M.B.A.-Upper Iowa University
Dena Kerker Brunelle	Administrative Assistant II-Applied Technology Campus	
Jody Kind	Nursing Faculty	<ul style="list-style-type: none"> • B.S.N.- Fort Hays University • M.S.N.- West Texas A&M
Kayelani Kirschbaum	Assistant Registrar	<ul style="list-style-type: none"> • A.S.– Northeastern Junior College • B.S.-Fort Hays State University
Ashley Kissell	Accounting Technician II	<ul style="list-style-type: none"> • A.A.S.- Northeastern Junior College
Tracey Knox	Director - Physical Plant	
Carrie Knudson	Director of Concurrent Enrollment	<ul style="list-style-type: none"> • A.A.-McCook Community College • B.A.-Metropolitan State University of Denver • M.A.-Adams State College
Veronica Koehn	Dean of Liberal Arts and Sciences	<ul style="list-style-type: none"> • B.A.-University of Colorado-Denver • M.A.-University of Colorado-Denver • Ph.D.-University of Denver
Liz Krise-Thompson	Nurse Aid Coordinator	<ul style="list-style-type: none"> • PN Certificate - Northeastern Junior College • A.A.S. - Northeastern Junior College
Rebeka Laible	Administrative Assistant II	<ul style="list-style-type: none"> • B.A.- Chadron State College
Mack Land	Paramedic Clinical Coordinator	
Tim Lauer	Pipe/Mechanical Trades II	
Patrick Lee	Technical Systems Specialist	<ul style="list-style-type: none"> • B.S.-Colorado State University
Lisa LeFevre	Vice President - Administrative Services	<ul style="list-style-type: none"> • B.S.- Colorado Mesa University

Name	Title	Degrees
Rochelle Lenox	Transition Specialist	<ul style="list-style-type: none"> • B.A. & B.S.-Colorado State University • M.Ed.-Colorado State University
Brian Lewton	Economics Faculty	<ul style="list-style-type: none"> • B.S.-Colorado State University • M.S.-University of Wyoming
Lee Lippstrew	Instrumental Music & Recording Faculty	<ul style="list-style-type: none"> • B.S.- University of Colorado at Denver • M.A.-University of Nebraska-Kearney
Andrew Lyng	ATC Career Navigator	<ul style="list-style-type: none"> • B.S.–Texas A&M University
Samantha Mahaffey	Nursing Faculty	<ul style="list-style-type: none"> • A.A.S.-Morgan Community College • B.S.N.-Chamberlain College of Nursing • M.S.N.-Western Governor's University
Ashley Marostica	Nursing Faculty	<ul style="list-style-type: none"> • B.S.N.- University of Nebraska • M.S.N.- Regis University
Stacie Marx	Food Service Director	
Justina McCracken	Biology Faculty	<ul style="list-style-type: none"> • B.S.- Colorado State University • M.S.- Colorado State University
Judy McFadden	Controller	<ul style="list-style-type: none"> • A.A.-Northeastern Junior College • B.S.- University of Northern Colorado
Melinda McKay	Custodian I	
Jody McKean	Library Technician II	
Emma Meagher	Head Athletic Trainer	
Justin Mertens	Auto/Diesel Faculty	
Kelli Moe	Administrative Assistant III	<ul style="list-style-type: none"> • A.A.- Northeastern Junior College
Lauren Montoya	Administrative Assistant II	<ul style="list-style-type: none"> • A.S.-Northeastern Junior College • B.S.-Logan University
Amanda Morgan	Versatility Ranch Horse and Horse Judging Coach	<ul style="list-style-type: none"> • B.S.-Colorado State University
Bronson Moton	Head Coach - Women's Basketball	
Ben Murray	Fire Science Program Coordinator	
Rick Myers	Structural Trades II	
Stacey Nelson	Administrative Assistant III	
Jaecey Nichols	Student Success Specialist	
Andrea Orin	Director of Student Success, Equity and Inclusion	<ul style="list-style-type: none"> • A.A.–Northeastern Junior College • B.A.–Adams State University • M.S.–Colorado State University
Tami Patten	Technical Systems Analyst	<ul style="list-style-type: none"> • A.A.- Northeastern Junior College • B.S.- Regis University
Layton Peterman	Automotive & Diesel Faculty	<ul style="list-style-type: none"> • A.A.- Western Nebraska Technical College • ASE Certifications

Name	Title	Degrees
		•
Amber Piel	Registrar	<ul style="list-style-type: none"> • A.G.S.-Northeastern Junior College • B.S.– Colorado State University
Cindy Piper	Accounting Technician II	
Larry Pollart	Animal Science	<ul style="list-style-type: none"> • B.S.- Colorado State University • M.A.- University of Wyoming
Todd Puffinbarger	Custodian III	
Jesse Quinlin	Director of Marketing	<ul style="list-style-type: none"> • B.A.-Western Colorado University • Certified Digital Marketing Professional
Heather Reid	Grant Writer	
Nathan Renshaw	Writing Specialist	
Julie Rhodes	Science Specialist	<ul style="list-style-type: none"> • A.S.-Northeastern Junior College • B.S.- University of Northern Colorado
Brady Ring	Director- EMS/Fire Science Education Programs	<ul style="list-style-type: none"> • A.A.S.- Northeastern Junior College
Samantha Roberts	Assistant Director - Human Resources	<ul style="list-style-type: none"> • B.S.- Colorado Christian University
Nathan Robinson	Theater Faculty	<ul style="list-style-type: none"> • B.A.- West Texas A & M University • M.F.A.- Rutgers University
Kade Roelle	Assistant Director of Information Technology	<ul style="list-style-type: none"> • A.S. - Northeastern Junior College • B.S. – Colorado Christian University
Jimmy Romero	Custodian I	
Leslie Rosa	Library Technician III	<ul style="list-style-type: none"> • A.A.S.- Northeastern Junior College
Shawn Rose	President’s Executive Assistant	<ul style="list-style-type: none"> • A.A.S.-Northeastern Junior College
Camille Rose	Director - Admission/Recruitment	<ul style="list-style-type: none"> • B.S.– University of Nebraska at Kearney • M.Ed.–Grand Canyon University
Clint Rothell	Philosophy	<ul style="list-style-type: none"> • B.A.-Biola University • M.A.-Biola University
Athena Roys	Student Communications Coordinator	<ul style="list-style-type: none"> • A.A.S.-Front Range Community College
Brian Schaefer	Event Center Assistant Manager/Compliance	<ul style="list-style-type: none"> • A.S.– Northeastern Junior College • B.S.– Colorado State University
Greg Schehrer	Structural Trades II	
Stephanie Seidl	Education to Career Coordinator	<ul style="list-style-type: none"> • B.S.-Olivet Nazarene University
Annie Shalla	Director-Fiscal Services	<ul style="list-style-type: none"> • A.A.-Northeastern Junior College • B.A.-University of Northern Colorado
Steve Shalla	Electrical Trades II	<ul style="list-style-type: none"> • A.A.-Northeastern Junior College • B.A.-University of Northern Colorado
Josilyn Simpson	Grounds & Nursery I	
Steven Smith	Vice President-Student Services	<ul style="list-style-type: none"> • A.A.-Hillsborough Community College • B.A.-University of South Florida • M.A.-University of South Florida
Jenny Smock	Head Coach - Softball	

Name	Title	Degrees
Sam Soliman	Vice President - Academic Affairs	<ul style="list-style-type: none"> • B.A.- Bethel University • M.Div.- Yale University • M.P.A.- Indiana University
Vanessa Soliz	Workforce Resilience Program Manager	<ul style="list-style-type: none"> • A.A.-Eastern Wyoming College • B.A.-University of Wyoming
Madison Solverud	Hall Director - WGRB Hall	<ul style="list-style-type: none"> • A.A.-Northeastern Junior College • B.S.-Metropolitan State University of Denver
Amber St Clair-Kapteyn	Foundation Assistant	
Sarah Stone-Robinson	International Student Coordinator	<ul style="list-style-type: none"> • B.A.-West Texas A&M University
Kevin Stump	Physics/Math Faculty	<ul style="list-style-type: none"> • B.S.- Fort Lewis College • M.A.- University of Northern Colorado
Debora Stump	Anatomy & Physiology/Biology Faculty	<ul style="list-style-type: none"> • B.S.-Colorado State University • D.V.M.-Colorado State University • Ph.D.-Colorado State University
Katie Thompson	Chemistry Faculty	<ul style="list-style-type: none"> • B.S.-Colorado State University • M.S.-University of Nebraska Kearney • M.P.E.-Idaho State University
Nate Totten	Grounds & Nursery I	
Eddie Trenkle	Head Coach - Men's Basketball	<ul style="list-style-type: none"> • A.A.- Northeastern Junior College • B.S.- Idaho State University • M.P.E.- Idaho State University
Catheryne Trenkle	Director-Academic Support Services	<ul style="list-style-type: none"> • B.S.-Idaho State University • M.Ed.-Lamar University
Ashley Unrein	Director - Financial Aid	<ul style="list-style-type: none"> • B.S.-Colorado State University
Leslie Weinsheim	Director-Institutional Research, Planning & Development	<ul style="list-style-type: none"> • B.S.-Franklin University • M.B.A.-Marylhurst University
Allison Wernsman	Accounting Faculty	<ul style="list-style-type: none"> • A.A.-Northeastern Junior College • B.A.-Colorado State University • M.S.-Colorado State University
Lisa Werts	Paramedic Program Director	<ul style="list-style-type: none"> • A.A.-Trinidad State College • B.S.-Colorado Technical University
James Westfield	Head Coach- Men's Soccer	
Mike White	President	<ul style="list-style-type: none"> • B.S.-University of Colorado • M.A.-Webster University • EDD-University of Charleston
Gabe Wiest	Assistant Coach-Women's Basketball	<ul style="list-style-type: none"> • B.S.-Fresno State • M.A.-Fresno State
Shelby Winchell	Rodeo Coach	<ul style="list-style-type: none"> • B.S.- Chadron State College
Jason Winter	Industrial Automation Faculty	<ul style="list-style-type: none"> • B.A.-Chadron State College
Zachary Younger	Custodian I	
Brenda Zink	Science Faculty	<ul style="list-style-type: none"> • A.A.-Northeastern Junior College • B.S.-University of Northern Colorado • M.A.-University of Northern Colorado

Northeastern Junior College 2024-2025 Academic Calendar

Date	Day	Summer Intercession Term, May 13-24, 2024
May 13	Monday	Move-In Day--Summer Intercession Term Residents Only 12:00PM to 3:00PM
May 13	Monday	Summer Intercession Term Classes begin
May 14	Tuesday	Last day to Add Summer Intercession Term Classes
May 14	Tuesday	No-Shows Deadline
May 14	Tuesday	Last Day to Drop (Census Date)
May 22	Wednesday	Last Day to Withdraw from Summer Intercession Term Classes with "W" Grade
May 24	Friday	Last Day of Summer Intercession Term Classes
May 28	Tuesday	Grades due by noon
May 27	Monday	Memorial Day
Summer Session (5 week) May 28-June 25		
Summer Session (7 week) May 25 -July 16		
Date	Day	Fall Intercession Term August 5-18, 2024
August 4	Sunday	Move-In Day for Fall Intercession Term 3:00PM-5:00PM
August 5	Monday	Fall Intercession Term Classes begin
August 6	Tuesday	Last day to Add Classes
August 6	Tuesday	No-Show Deadline
August 6	Tuesday	Last day to Drop (Census Date)
August 14	Wednesday	Last day to Withdraw from Fall Intercession Term classes with "W" grade
August 16	Friday	Last Day of Fall Intercession Term Classes
August 19	Monday	Final Grades Due by noon
Date	Day	Fall Full Term 2024, August 19-December 13, 2024
August 2	Friday	Academic Appeals and Financial Aid Appeals Due by 4:00PM
August 5	Monday	Academic Standards Review of Appeals
August 12	Monday	New Faculty Orientation
August 13	Tuesday	All Staff & Faculty In-Service
August 14	Wednesday	Faculty In-Service
August 15	Thursday	Move-In Day-New Students ONLY; Residence Halls Open 9:00AM-4:00PM
August 16	Friday	Required Orientation for New Students
August 16	Friday	Move-In Day for Returning Students Noon to 4:00PM
August 17	Saturday	New Student Orientation Day/Activities
August 18	Sunday	New Student Orientation Day/Activities
August 19	Monday	All Classes Begin
August 23	Friday	Last Day to Add classes
August 26	Monday	No-Shows Deadline
September 2	Monday	Labor Day-No Classes

Date	Day	Fall Full Term 2024, August 19-December 13, 2024
September 4	Wednesday	Last Day to Drop Classes & receive refund (Census Date)
September 9-13	Monday-Friday	"Early Alert" Grades due
October 4	Friday	All Fall Graduation Applications Due
October 11	Friday	Mid-semester Break (no classes)
October 17	Thursday	Mid-term Grades Due by noon
October 28	Monday	Registration Opens for Spring Semester 2025
October 30	Wednesday	All Student Advising Day (No Daytime Classes) registration for continuing students
November 8	Friday	Preview Day
November 14	Thursday	Last Date to Withdraw Full-term Classes with "W" Grade
November 22	Friday	Check Out Day--Residence Halls Close at 5:30 PM
November 25-29	Monday-Friday	Semester Break/Thanksgiving Holiday (No Classes)
December 1	Sunday	Residence Halls open at 9:00AM
December 9	Monday	Last Class Day (Day Classes)
December 10-13	Tuesday-Friday	Final Exams Day Classes
December 13	Friday	Cafeteria Closes at 1:15PM
December 13	Friday	Check Out Day--Residence Halls Close at 5:30PM
December 16	Monday	Final Grades Due by noon
Date	Day	Spring Intercession Term, January 6-17, 2025
January 5	Sunday	Check In Day--Spring Intercession Term Residents Only 3:00PM to 5:00PM
January 6	Monday	Spring Intercession Term Classes begin
January 8	Wednesday	Last Date to Add Spring Intercession Classes
January 8	Wednesday	No-Shows Deadline
January 8	Wednesday	Last Date to Drop Spring Intercession Term Classes
January 15	Wednesday	Last Date to Withdraw from Spring Intercession Term Classes with "W" Grade
January 17	Friday	Last day of Spring Intercession Term Classes
January 20	Monday	Final Grades Due by noon
Date	Day	Spring Full Term 2025, January 21-May 16, 2025
January 10	Friday	Academic and Financial Aid Appeals Due by 4:00PM
January 13	Monday	Academic Standards Review of Appeals
January 16-17	Thursday-Friday	In-Service
January 20	Monday	Move-In Day-Residence Halls Open 9:00-4:00-Cafeteria Opens w/ Evening Meal
January 20	Monday	Academic Advising Day - All Students
January 20	Monday	New Student Orientation
January 21	Tuesday	Spring Semester Full Term Classes Begin
January 27	Monday	Last Day to Add New Classes
January 28	Tuesday	No-Shows Deadline
February 5	Wednesday	Last Day to Drop Classes & receive refund (Census Date)
February 10-14	Monday-Friday	"Early Alert" grades due
February 20	Thursday	All Spring Graduation Applications Due

Date	Day	Spring Full Term 2025, January 21-May 16, 2025
February 21	Friday	NO CLASSES--February Break
February 24	Monday	Preview Day
March 10	Monday	Registration for Summer 2025 begins
March 10	Monday	Registration for Fall 2025 begins
March 12	Wednesday	NO CLASSES-Advising Day; AM Office Hours; PM new students
March 14	Friday	Residence Halls Close at 5:30PM
March 17-21	Monday-Friday	Spring Break (No Classes)
March 23	Sunday	Residence Halls open at 9:00AM
March 26	Wednesday	Mid-term Grades Due by noon
April 17	Thursday	Last Day to Withdraw from Full-term Classes with "W" Grade
May 12	Monday	Last Class Day (Day Classes)
May 13-16	Tuesday-Friday	Final Exams Day Classes
May 16	Friday	Cafeteria closes after breakfast; lunch served in Pete's Retreat
May 16	Friday	Commencement Exercises- Bank of Colorado Event Center, 10:00AM & 2:00PM
May 16	Friday	Move Out Day-- Residence Halls close at 5:30PM
May 19	Monday	Final Grades Due by noon
Date	Day	Summer Intercession Term, May 19-30, 2025
May 19	Monday	Move-In Day--Summer Intercession Term Residents Only 12:00PM to 3:00PM
May 19	Monday	Summer Intercession Term Classes begin
May 20	Tuesday	Last day to Add Summer Intercession Term Classes
May 20	Tuesday	No-Shows Deadline
May 20	Tuesday	Last Day to Drop (Census Date)
May 28	Wednesday	Last Day to Withdraw from Summer Intercession Term Classes with "W" Grade
May 30	Friday	Last Day of Summer Intercession Term Classes
June 3	Tuesday	Grades due by noon
May 26	Monday	Memorial Day
Summer Session (5 week) June 2-July 3		
Summer Session (7 week) June 2 -July 19		



NORTHEASTERN JUNIOR COLLEGE

The College Tour ▶



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