GREAT BASIN COLLEGE

Higher Education for Rural Nevada

ELKO MAIN CAMPUS
1500 College Parkway
Elko, NV 89801
775.327.5002

BATTLE MOUNTAIN CENTER
835 N. Second Street
Battle Mountain, NV 89820
775.635.2318

ELY CENTER
2115 Bobcat Drive
Ely, NV 89301
775.289.3589

PAHRUMP VALLEY CENTER
551 E. Calvada Blvd.
Pahrump, NV 89048
775.727.2000

WINNEMUCCA CENTER
5490 Kluncy Canyon Road
Winnemucca, NV 89445
775.623.4824

Published April 2022

www.gbcnv.edu

A MESSAGE FROM THE GBC PRESIDENT JOYCE HELENS

Great Basin College is proud to have developed nationally recognized programs for you to choose from that focus on your success not only as a student but also as a graduate. The programs you can choose from lead to satisfying careers in many fields, whether you are interested in a technical career, those in the health sciences, or teacher education to name a few. The broad array of arts and sciences classes, certificates, and associate's and baccalaureate degrees at GBC create the stepping stones to your successful future!

You will find that Great Basin College faculty, staff, and administration are dedicated to your success and will help provide you with a well-lighted pathway to completion and employment through intensive support systems and program structures providing you the resources you need to graduate, pass national exams, and secure employment. This is the goal of every program at GBC.
We welcome you to Great Basin College. Go Bighorns!

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NOTICES

Title IX Notice/Non-Discrimination
Title IX of the Education Amendments Act of 1972 prohibits sex discrimination in federally-assisted programs. Specifically, the law reads: "No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance."

Great Basin College, a member of the Nevada System of Higher Education, is an Affirmative Action/Equal Employment Opportunity educational institution. It is guided by the principle that equal opportunity means more than equal employment opportunity, and that access to facilities and services shall be available to all people regardless of their race, age, religion, color, gender, including pregnancy related conditions, sexual orientation, disability, whether actual or perceived by others and including service related disabilities, national origin, military status or military obligation, gender, identity or expression or genetic information. This also includes a person's clothing or traits historically associated with national origin, race, color or religion, including, but not limited to, hair texture, hairstyle or head wear. This principle is applicable to every member of the GBC/NSHE community, both students and employed personnel at every level, and to all facilities and services.

Although it is the application of Title IX to athletics that has gained the greatest public visibility, the law applies to every single aspect of education including course offerings, counseling (advising) and counseling (advising) materials, financial assistance, student health and insurance benefits and/or other services, housing, marital and parental status of students, physical education and athletics, education programs and activities sponsored by the institution, and employment.

Grievance procedures are clearly defined and available to all students and employees. In keeping with the policy of Great Basin College against unlawful discrimination, all inquiries and complaints of alleged discrimination should be directed to the Title IX coordinator (Primary Officer).

Great Basin College Leadership has adopted the Nevada System of Higher Education Title IX Task Force revisions to the NSHE policy. This policy was approved by the Board of Regents at the August 2020 meeting. A complete copy of Title 4, Codification of Board of Regents Policy Statements Chapter 8, Section 13 Student Recruitment and Retention Policy, Equal Employment Opportunity Policy, and Affirmative Action Program for the Nevada System of Higher Education may be found at the following website: https://nshe.nevada.edu/leadership-policy/administration/human-resources/title-ixsexual-harassment-2/

Questions regarding compliance with equal opportunity law should be referred to one of the following:

Jake Rivera
Vice President of Student and Academic Affairs
Title IX Coordinator
Student Conduct Officer
Great Basin College
1500 College Parkway
Elko, NV 89801
775.327.2116
jake.hinton-rivera@gbcnv.edu

U.S. Department of Education Office for Civil Rights
50 United Nations Plaza, Room 239
San Francisco, CA 94102

The college reserves the right to change the college calendar, the courses and curricula described in the Class Schedules, and the teaching personnel listed herein at any time.

The rules and regulations stated in this schedule are for information only and in no way constitute a contract between a student or faculty member and GBC. NSHE reserves the right to change any regulation or requirement at any time.

The Student Assistance General Provisions of Public Law 101-542 requires all institutions that participate in student financial assistance programs as authorized by Title IV of the Higher Education Act of 1965 and Higher Education Technical Amendments of 1991, Public Law 102-26, to disclose the graduation rate and/or persistence rate of all full-time degree-seeking or certificate-seeking undergraduate students. Information and statistics are available from the Admissions and Records Office, Berg Hall, 775.327.2059.

The Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act is the landmark federal law, originally known as the Campus Security Act, which requires colleges and universities across the United Status to disclose information about crime (murder, robbery, arson, forcible and non-forcible sex offenses, and fire safety) on and around their campuses. The 2008 amendments protect crime victims, "whistleblowers," and others from retaliation. The 2013 Campus SaVE (Sexual Violence Elimination Act) codified certain aspects and adds Domestic Violence, Dating Violence, and Stalking.

In compliance with the provisions of the Act, each October, the Annual Security and Fire Safety Report is prepared by the Great Basin College Campus Safety and Security Department and University Police Services. This report may be reviewed by anyone seeking this information on file at the following website: http://www.gbcnv/security/crime.html**. The annual Security and Safety report may be viewed at the following website:** http://www.gbcnv.edu/security/securitypolicy.html **.**

A printed copy is available upon request from the Environmental Health, Safety, and Security Department by emailing campus.security@gbcnv.edu

Great Basin College Campus Resources:

Jake Rivera
Vice President for Student and Academic Affairs
Title IX Coordinator
Student Conduct Officer
775.327.2116
jake.hinton-rivera@gbcnv.edu

Safety & Security
.....775.934.4923 / campus.security@gbcnv.edu

Director Disability Support and Related Services
.....775.327.2336 / arysta.brick@gbcnv.edu

Housing Coordinator 775.327.2395

Security Department .....775.934.4923 (cell)

Human Resources Department..... 775.327.2349

Behavioral Intervention Team Contact
.....775.327.2069/ brittney.maynard@gbcnv.edu

Great Basin College Center Directors
Battle Mountain 775.635.2318
Ely..... 775.289.3589
Pahrump 775.727.2017
Winnemucca 775.623.4824

DISCLOSURE OF STUDENT EDUCATION RECORDS AND DIRECTORY INFORMATION

The Family Educational Rights and Privacy Act (FERPA) is a Federal law that protects the privacy of student educational records of both current and former students. Each NSHE institution is required to comply fully with the law. The Act makes a distinction between a student's education record and information classified as Directory information. FERPA gives parents certain rights with respect to their children's education records. These rights transfer solely to the student when he or she reaches the age of 18 or attends a school beyond the high school level. Students to whom the rights have transferred are defined as "eligible students" in the Act.

Education Records: Institutions must have written permission from the eligible student in order to release any personally identifiable information from a student's education record. However, under certain conditions FERPA allows institutions to disclose those records, without consent, to the following parties or under the following conditions:

- **School officials with legitimate educational interest**
- **Other schools to which a student is transferring**
- **Specified officials for audit or evaluation purposes**
- **Appropriate parties in connection with financial aid to a student**
- **Organizations conducting certain studies for or on behalf of the institution**
- **A student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks**
- **Accrediting organizations**
- **To comply with a judicial order or lawfully issued subpoena, provided that the institution makes a reasonable attempt to notify the student in advance of compliance**
- **Appropriate officials in cases of health and safety emergencies**
- **State and local authorities, within a juvenile justice system, pursuant to specific state law**

Directory Information: Under the provisions of FERPA, institutions may disclose, without consent, Directory information to individuals upon request for enrolled and former students of the institution only. A disclosure of Directory information is discretionary on the part of the institution. By Nevada Revised Statues 396.535, "If the student does not return the form indicating that his or her personally identifiable information must not be released or disclosed, then it is probable that the information will be released or disclosed." Directory information is defined in the Act as information contained in an education record of a current or former student which would not generally be considered harmful or an invasion of privacy if disclosed. The Nevada System of Higher Education designates the following as Directory information for students: name; participation in officially recognized activities and sports; address; telephone number; weight and height of members of athletic teams; email address; degrees, honors, and awards received; major field of study; college; dates of attendance; dates of graduation; undergraduate or graduate status; most recent educational agency or institution attended; and enrollment status (full-time or part-time).

DISCLOSURE OF STUDENT RECORDS OPT OUT FORM

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. **The right to inspect and review the student's education records within 45 days of the day the institution receives a request/or access. A student should submit to the Director of Enrollment Services, dean, head of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The institution official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the institution official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.**

2. **The right to request the amendment of the student's education records that the student believes to be inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.**

   A student who wishes to ask the institution to amend a record should write the institution official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the institution decides not to amend the record as requested, the institution will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. **The right to provide written consent before the institution discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent. The institution discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the institution in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the institution has contracted as its agent to provide a service instead of using institutional employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Regents; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.**

   A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the institution.

   Upon request, the institution also discloses education records without consent to officials of another school in which a student seeks or intends to enroll. The Nevada System of Higher Education has designated the following information as Directory information:

a. **Name**
b. **Participation in officially recognized activities and sports**
c. **Address**
d. **Telephone number**
e. **Weight and height of members of athletic teams**
f. **Email address**
g. **Degrees, honors, and awards received**
h. **Major field of study**
i. **College**
j. **Dates of attendance**
k. **Date of graduation**
l **Undergraduate or graduate status**
m. **Most recent educational agency or institution attended**
n. **Enrollment status (full-time or part-time)**

DISCLOSURE OF STUDENT RECORDS OPT OUT FORM

Students have the right to refuse to let NSHE designate this information as Directory information and have until the end of the first six weeks of the fall or spring semester to submit a request for non-disclosure of the above items. A request for non-disclosure submitted at one NSHE institution will apply to all NSHE institutions.

4. **Sale of Directory Information. Student Directory information for current and former students cannot be sold or rented for a fee by an NSHE institution.**
5. **The right to file a complaint with the U.S. Department of Education concerning alleged failures by the institution to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-5901.**

You may request that GBC not release Directory information about you for commercial and/or non-commercial purposes.

- **Remove my name from Directory information for commercial purposes. Commercial purposes is defined as the use of Directory information by any person including, without limitation, a corporation or other business outside of NSHE to solicit or provide facilities, goods, or services in exchange for payment of any purchase price, fee, contribution, donation, or other valuable consideration.**
- **Remove my name from Directory information for non-commercial (educational) purposes. Non-commercial (educational) purposes may include but are not limited to placing the student's name in publications, such as honors and graduation programs; confirming graduation and dates of attendance to potential employers; verifying enrollment with organizations such as insurance companies; or sending notifications about specialized scholarships without the express written authorization of the student.**
- **Remove my name from Directory information for both commercial and non-commercial (educational) purposes.**
- **I previously asked to remove my Directory information for one or both of the purposes listed above and now wish to allow release of my Directory information.**

_____	_____
Student Signature	**Print Name**
_____	_____
Date of Birth	**Date**

Please submit completed form to the Admissions and Records Office at admissions@gbcnv.edu or by mail at 1500 College Parkway, Elko, NV 89801.

2022–2023 INSTITUTIONAL CALENDAR

Fall 2022

August 15 ..... CTE Faculty Return
August 18 ..... Faculty Return
August 22 .....CTE Instruction Begins
August 22 .....ABE/ESL Instruction Begin
August 22-26.....Faculty In-Service
August 22-30 .....CTE Housing Check-in
August 29 ..... Regular Instruction Begins
August 29-October 22 .....Fall Mini-Session #1
September 5 ..... Labor Day
October 15.....Fall Graduation Application Deadline
October 24-December 17.....Fall Mini-Session #2
October 28..... Nevada Day
November 3.....Official Course Drop Deadline
November 3.....Audit/Credit Change Deadline
November 11..... Veterans Day
November 23..... CTE Instruction Ends
November 24-25 .....Thanksgiving Recess
December 9 ..... Regular Instruction Ends
December 12-16..... Final Exam Week
December 16.....ABE/ESL Instruction Ends
December 16 .....Fall Graduation
December 20 .....Grades Due

*This is the designated date at the time of publication of this catalog, but it is subject to change per Nevada System of Higher Education Board of Regents policy. Please see the most current dates at gbcnv.edu/calendar.

Spring 2023

January 2.....New Year Holiday
January 3 ..... CTE Faculty Return
January 3 .....CTE Instruction Begins
January 16–24.....CTE Housing Check-In
January 11 ..... Faculty Return
January 16 ..... Martin Luther King Day
January 17-20.....Faculty In-Service
January 23 ..... Regular Instruction Begins
January 23 ..... ABE/ESL Instruction Begins
January 23-March 18.....Spring Mini Session #1
February 20 .....Presidents Day
April 6....Disclosure of Student Record Opt out deadline
March 15 ..... Graduation Application Deadline
March 20-24 ..... Spring Break
March 27–May 20 ..... Spring Mini Session #2
April 6 ..... Official Course Drop Deadline
April 6 ..... Audit/Credit Change Deadline
May 12..... Instruction Ends
May 15-19 ..... Final Exam Week
May 19..... ABE/ESL Instruction Ends
May 20..... Graduation
May 23.....Grades Due
May 26..... CTE Instruction Ends
May 29.....Memorial Day

Summer Term 2023

June 12–August 4 ..... Summer Instruction
July 4 ..... Independence Day

REFERENCE CALENDAR

2022

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2022 Calendar with Holidays by Vertex42.com https://www.vertex42.com/calendars/2022.html

2023

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BOARD OF REGENTS—THE NEVADA SYSTEM OF HIGHER EDUCATION

CATHY MCADOO, CHAIR
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cabba@nshe.nevada.edu

Andrew Clinger, Chief Financial Officer
aclinger@nshe.nevada.edu

Caleb Cage, Vice Chancellor for Community Colleges and Chief Innovation Officer
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Joseph Reynolds, Chief General Counsel
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Constance Brooks - Vice Chancellor of Public Affairs and Advancement.
cbrooks@nshe.nevada.edu

Great Basin College

Joyce Helens, President
Jake Rivera, Vice President for Academic and Student Affairs
Sonja Sibert, Vice President for Business Affairs

Great Basin College Institutional Advisory Council

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Mr. Dave Roden, Winnemucca
Ms. Caroline McIntosh, Ely
Mr. John Tierney, Elko
Ms. Barbara Gallagher Kidwell, Elko
Ms. Billie Crapo, Elko
Ms. Stacy Smith, Pahrump

Ex Officio Council Members District Superintendents

Clayton Anderson, Interim
Elko County School District Superintendent
James D. Fossett,
Esmeralda County School District Superintendent
Tate Else,
Eureka County School District Superintendent
Dave Jensen,
Humboldt County School District Superintendent
Russ Klein,
Lander County School District Superintendent
Pam Teel,
Lincoln County School District Superintendent
Andre Ponder,
Mineral County School District Superintendent
Warren Shillingburg,
Nye County School District Superintendent
Russell Fecht,
Pershing County School District Superintendent
Adam Young,
White Pine County School District Superintendent

DEGREE AND CERTIFICATE PROGRAMS

Skills Certificate—fewer than 30 credits 88

Certificate of Achievement Programs—minimum of 30 credits

Associate of Arts Degrees 91

Sixty credits of general education and other coursework designed to transfer into four-year programs that include Anthropology, Art, Business, Early Childhood Education, Elementary Education, and English. Specific patterns of study include:

Associate of General Studies Degree 92

Sixty credits of general education and other coursework in diverse academic disciplines and fields. Designed for non-traditional students whose academic interests or career objectives require an individualized program. Not generally intended or recommended for transfer.

Associate of Applied Science Degrees 90

A minimum of 60 credits of general and program requirements within an applied field of study. GBC offers the following majors:

Associate of Science Degrees 92

Sixty credits of general education and other coursework designed to transfer into four-year programs such as Biology, Chemistry, Engineering, Environmental Studies, Geology, Mathematics, and Physics. Specific patterns of study include:

Bachelor of Arts Degrees 92

A degree program consisting of a minimum of 120 credits of required study in the liberal arts and humanities and fields such as education and professional studies.

Alternative Route to Licensure Program (ARL)

DEGREE AND CERTIFICATE PROGRAMS (continued)

ONLINE DEGREE AND CERTIFICATE PROGRAMS

Certificate of Achievement Programs

Associate of Arts Degrees

Associate of Applied Science Degrees

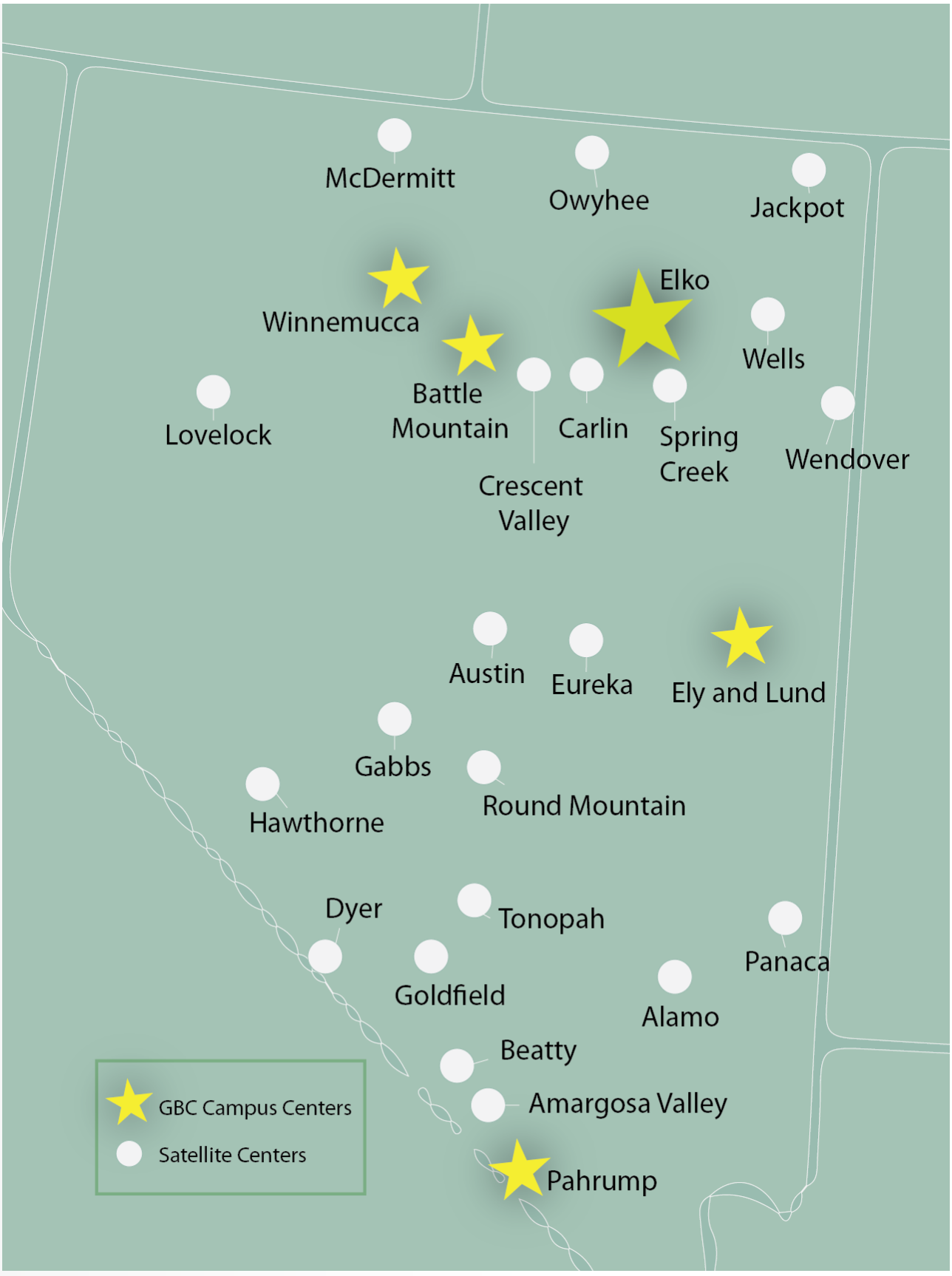
Associate of Science Degrees

Bachelor of Arts Degrees

Bachelor of Applied Science Degrees

Bachelor of Science Degree

GBC LOCATIONS



WELCOME TO GBC

A Comprehensive Community College

Since its founding in 1967, Great Basin College (GBC) has educated thousands of students at the associate and baccalaureate degree levels. Students enrolled in GBC's coursework are provided access to the most current academic theories and state-of-the-art training methods, all provided by a staff of professors, instructors, part-time instructors, and higher-education professionals who share a common passion: teaching. GBC's library, academic success center, computer laboratories, and distance learning technologies provide the most up-to-date facilities available. Classrooms and laboratories feature the latest in technological learning tools, and courses are taught by instructors who are both scholars and practitioners of their crafts and disciplines.

As a comprehensive community college offering select baccalaureate degrees, GBC's more than 4,500 students per year have the opportunity for a liberal education, one that includes physical, life, and social sciences; mathematics; fine arts; humanities; and a variety of technologies. About half of GBC students are of traditional college age, and the other half are non-traditional adults over 24 years old entering college for the first time or returning to prepare themselves for new careers. As GBC alumni, most now make significant contributions to Nevada's rural communities.

Many students in rural Nevada are the first in their families to enter college. Some may need assistance in developing skills in one or another academic area. GBC also offers courses designed to develop skills to a level that assures student success and the final reward of a college degree.

In addition, GBC offers lifelong learning opportunities through its Continuing Education Department. Students of all ages can enjoy life-enriching classes taught by talented instructors.

GBC's History at a Glance

Great Basin College was the first community college to be established in Nevada. It is the primary provider of post-secondary education in rural Nevada. With its main campus in Elko, centers in Battle Mountain, Ely, Pahrump, and Winnemucca, and satellite facilities in 27 communities across rural Nevada, GBC's service area covers 86,514 square miles and serves a population of nearly 150,000. The college was founded in 1967 by a group of ten determined businessmen in Elko. They saw a need for post-secondary education and community service classes. The group raised $45,000 in just 30 days as seed money for the school, first known as Elko Community College (ECC). Originally housed in the basement of Elko's Grammar School #1, the first classes were offered in September of 1967.

Elko Community College offered mostly adult-education courses and was governed by an advisory board working with the Elko County School District. In 1969, control of the school was given to the Nevada System of Higher Education (NSHE). Budget constraints at the state level that year nearly derailed the college, but a gift from billionaire Howard Hughes kept the institution afloat. Elko Community College graduated its first class of associate-degree students in 1970. Eight students walked at commencement that year. The college then entered a long period of growth and development.

In 1973, the college's growth required that it move to its present campus site, the old Ruby View Golf Course. NSHE officials changed the name of the college to Northern Nevada Community College (NNCC) to better reflect the communities it began to serve. By that time, programs were developed and offered in Elko, Lander, Eureka, White Pine, and Humboldt counties. Educational centers were established in Winnemucca, Ely, Battle Mountain, Wells, McDermitt, and the Duck Valley Indian Reservation in Owyhee.

In 1974, the college was accredited by the Northwest Commission on Colleges and Universities, giving the degrees awarded to students the academic credibility they needed in order to transfer to other colleges and universities. The decade saw the development of many new programs, including diesel technology and the college's successful nursing program. As the mining industry began to grow in the 1980s, programs in electrical systems technology, industrial maintenance, and welding technology were developed, providing skills for well-paying jobs in the region's booming economy. Academic transfer programs were built as well, and students were afforded an opportunity to initiate their higher education locally and transfer to other universities in the region to complete their bachelor degrees.

By the 1990s the college was on a track to become one of the most innovative and effective rural colleges in the nation. Distance learning technologies were introduced. Interactive video classrooms provided access to hundreds more students. GBC experienced significant physical growth with half a dozen new buildings constructed on its Elko campus and classroom buildings erected in Ely and Winnemucca. In 1995, the college changed its name to Great Basin College, better reflecting the rural landscape it served, and preparations began to offer select baccalaureate degree programs. In 1999, GBC accepted

its first class of students enrolled in the Bachelor of Arts—Education program.

The new millennium saw the addition of resident housing and meteoric growth in distance-learning technologies. An online campus was established, providing more access and flexibility for GBC students. Baccalaureate programs in several other disciplines were added, including nursing, professional studies, social work, and applied science. In 2006, the NSHE Board of Regents expanded the GBC service area to include Nye County, and a campus center was opened in Pahrump. Based upon GBC's success in serving Pahrump and several other remote locations throughout rural Nevada, the Board of Regents again in the spring of 2014 expanded the college's service area. GBC assumes the responsibility for providing post-secondary education to the 10 most rural counties in Nevada.

The Great Basin College Foundation is integral to the future of GBC. Established in 1983, to date it has provided GBC with nearly $30 million in private support.

College and Community Profile

The main campus of Great Basin College is located in Elko. Within easy driving distance of Salt Lake City, Boise, and Reno, it is at the center of some of the most dramatic and remote landscapes in the nation. The glacier-carved Ruby Mountains—20 minutes to the south— and the Jarbidge Mountains to the north boast some of the cleanest air on Earth. Both areas provide plenty of opportunity for outdoor pursuits. Hiking, camping, hunting, fishing, skiing, and snowmobiling make them four-season recreation destinations.

The greater Elko area includes the communities of Spring Creek and Lamoille to the south, Wells to the east, and Carlin to the west. Elko is the economic center of the region. The downtown area is home to The Western Folklife Center, which holds the annual National Cowboy Poetry Gathering each winter. Basque restaurants provide an opportunity for a traditional western dining experience, and other fine restaurants offer more contemporary menus including sushi, Mexican, and haute cuisines. Locally owned specialty stores provide consumers with outlets for clothing, crafts, house wares, and furniture. A number of art galleries, pubs, and Nevada- style gaming establishments can be found downtown as well. Mass retail stores are found on the city's outskirts.

Elko's park system is one of the best in the state with several hundred acres of green space available to residents. Streets are well maintained and bike routes have been established in the community. There are several churches within walking distance of the college's student housing as well. Northeastern Nevada Regional Hospital provides primary healthcare facilities with specialists in all areas of medicine either in residence or affiliated.

Centers and Satellite Sites

In addition to the main Elko campus, Great Basin College offers classes at many satellite sites to serve the counties of Elko, Esmeralda, Eureka, Humboldt, Lander, Lincoln, Mineral, Nye, Pershing, and White Pine. Staffed centers are located in the larger communities of Battle Mountain, Ely, Pahrump, and Winnemucca. Some classes are delivered to smaller satellite sites located in the towns of Alamo, Eureka, Hawthorne, Jackpot, Lovelock, McDermitt, Owyhee, Panaca, Pioche, Tonopah, Wells, and Wendover. Under certain circumstances, some classes may also be delivered to over a dozen other smaller communities within the service area if requested. Online classes are available wherever the Internet may be accessed.

If you wish to contact the coordinator for a specific site, please call GBC's Office for Classroom Technology at 775.327.2174.

Battle Mountain Center

The Battle Mountain Center is located on the I-80 corridor about 70 miles west of Elko and 50 miles east of Winnemucca. This is the location of the smallest GBC center. Battle Mountain is a thriving community of over 3,600 people with an economy based on mining, agriculture, and travelers on I-80. Located at the confluence of the Humboldt and Reese Rivers, this is the county seat for Lander County. Classes in Austin are scheduled through this center.

The Battle Mountain Center is open during the regular fall and spring semesters and generally closed during the summer and winter breaks. It is staffed by a coordinator and office assistants. The center houses interactive video rooms to receive simultaneous classes originating at other centers and has a computer lab for students needing access to the Internet or for assistance in classes. Lab aides are available for assistance. For more information, contact the Battle Mountain Center at 775.635.2318

Ely Center

The Ely Center is home of higher education in east-central Nevada. Ely is located 188 miles south of Elko in the heart of the Great Basin within a picturesque desert and forested mountain area. It is the center of commerce and industry in eastern Nevada and the seat of White Pine County, a region with a rich history of mining and ranching. Three U.S. highways—U.S. 6, U.S. 50, and U.S. 93-—intersect at Ely, a city that more than 5,000 people call home. Tourists are attracted to U.S. 50, known as the Loneliest Road in America, and Ely's hospitality industry provides travelers with important services in Eastern Nevada. Nearby is Great Basin National Park, which attracts visitors because of its varied features: the bristlecone pine (oldest of

living things), Lehman Caves, and Wheeler Peak with its many alpine vistas and a high ice field. The City of Ely has developed the Nevada Northern Railway Museum featuring a steam-hissing Ghost Train which offers excursions during summer months.

The Ely Center has a full-time Director and staff who coordinate schedules and programs for the needs of the people of White Pine County and the surrounding area. This center also schedules for Eureka County. Built in 1996 on 120 acres of land near White Pine High School, the facility links students with other campuses through interactive video technology and the Internet in addition to traditional on-campus college courses. For more information, call the Ely Center at 775.289.3589.

Pahrump Valley Center

Pahrump, the name derived from the Shoshone word for "water rock," is about 436 miles south of Elko and about 60 miles west of Las Vegas. It is the home of GBC's newest center, the Pahrump Valley Center (PVC). PVC also schedules offerings in Beatty, Gabbs, Round Mountain, Tonopah, and other communities in Nye County. PVC is located at 551 E. Calvada Boulevard, in front of the Pahrump Valley High School. The center serves students from a large high-tech center with several classrooms, a large open computing lab, and faculty and administrative offices.

The Pahrump Valley Center has full-time instructors who teach students in Pahrump and throughout the GBC service area using the college's extensive interactive video network. Instructors from other GBC campuses also deliver classes to PVC interactively and through the Internet. The center is administered by a Director overseeing instructors, computer technicians, lab aids, support staff, and tutors. In 2015, the center became host to a nursing program.

GBC recently acquired 285 acres of public land on the southeast end of Pahrump for a future campus. GBC is working with local residents and the state to begin planning for this campus, potentially to be initiated by the end of the decade.

You are cordially invited to visit the Pahrump Valley Center to discuss your educational plans and how GBC can help you achieve your educational goals. For more information, call the Pahrump Valley Center at 775.727.2000.

Winnemucca Center

The Winnemucca Center is located 123 miles west of Elko along I-80 and the Humboldt River. The city perpetuates the name of the famous Chief Winnemucca of the emigrant era. Winnemucca is both a Nevada gateway to the Pacific Northwest and a town where tourists from that area like to come for Nevada-style recreation. It is supported largely through mining, tourism, and agriculture. Winnemucca is part of cowboy country and is famous for the outlaw Butch Cassidy and for some vestiges of the buckaroo spirit of the Great Basin.

The GBC Winnemucca Center facility was completed in 1995 and is located at 5490 Kluncy Canyon Road. The center has a full-time Director, faculty, and staff that coordinate schedules and programs to meet the educational needs of Humboldt County residents. The center features state-of-the-art computer systems, science labs, and interactive video technology to link Winnemucca students with college students in other Nevada communities. The center now hosts a complete electrical technology program and, in 2015, the center became host to a nursing program. For more information, call the Winnemucca Center at 775.623.4824.

Who Accredits Us?

Great Basin College is accredited by the Northwest Commission on Colleges and Universities (NWCCU). Accreditation of an institution of higher education by NWCCU indicates that it meets or exceeds criteria for the assessment of institutional quality evaluated through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by NWCCU is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

The college has received approval by the Nevada State Board of Education for the elementary and secondary education license program.

The Associate of Applied Science Degree in Nursing and the Bachelor of Science Degree in Nursing programs are both accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN, formerly NLNAC).

The Radiologic Sciences Program is accredited by the Joint Review Committee on Education in Radiology Technology (JRCERT).

The Associate of Applied Science Degree in Human Services is accredited by the Council for Standards in Human Services Education (CSHSE).

Who Teaches at GBC?

Great Basin College boasts a faculty whose backgrounds are as cosmopolitan and wide-reaching as GBC is small and personal. The many full-time and part-time instructors come to GBC from all walks of life, bringing their experiences and varied outlooks to enrich our instructional programs. Over the years, many of our instructors have received regional and national recognition for their efforts.

Who Are the Classified Staff?

Classified staff supports Great Basin College in all facets of this institution and in the communities that GBC provides service. The classified staff funds the Tony Salvatierra Scholarship and various projects to benefit the college as well as the community. Membership consists of all State of Nevada classified employees of GBC who are employed in a permanent part-time or full-time position. The officers of the Classified Council volunteer to serve for one year, representing all rights and interests of the classified staff of GBC. The Classified Council serves as an advisory group to the President of GBC.

Who Attends GBC?

Great Basin College's service area has more than 145,000 residents; approximately 3,000 of them enroll at GBC and its centers each semester. GBC students range in age from 16 to 90 and have a wide variety of interests. Some enroll in science courses and the liberal arts transfer programs while others take courses in computer networks, business finance, real estate investments, or learn English as a second language. Our students gain valuable experience at GBC.

What Is Academic Freedom and Responsibility?

Academic freedom is an essential principle of higher education which facilitates the open exchange of ideas in the pursuit of knowledge. Academic freedom allows faculty, staff, students, and invited guests to research, discuss, and publish in an open academic setting, even when this "requires consideration of topics which may be politically, socially, or scientifically controversial" (NSHE Code Title 2 Section 2.1.2). Academic responsibility requires that such research, discussion, and publication be conducted in a civil manner, following "appropriate standards of scholarship and instruction" (NSHE Code Title 2 Section 2.1.3).

Great Basin College is committed to upholding the standards of academic freedom and responsibility as described in the NSHE Code and the American Association of University Professors "Statement of Principles of Academic Freedom and Tenure."

MISSION AND CORE THEMES

GBC Mission

Great Basin College enriches people's lives by providing student-centered, post-secondary education to rural Nevada. Educational, cultural, and related economic needs of GBC students are met through programs of university transfer, applied science and technology, business and industry partnerships, developmental education, community service, and student support services in conjunction with certificates and associate and select baccalaureate degrees.

Core Themes

Core Theme 1: Provide Student Enrichment

From the student perspective, functions of the college directed toward personal enrichment and success (such as curriculum, instruction, educational programs, and student services) are available, sufficient, and effective.

Core Theme 2: Build Bridges and Create Partnerships

Seek, develop, and maintain partnerships and other connections with entities external to GBC as appropriate to fulfill the GBC Mission.

Core Theme 3: Serve Rural Nevada

To fulfill a fundamental element of its mission, GBC delivers all of its commitments and services throughout its ten-county service area as well as resources will programmatically allow. This extends beyond the main campus, providing for the needs of place-bound residents with appropriate accessibility through local distance delivery methods.

General Education

A primary goal of Great Basin College is to provide students with meaningful, relevant, and challenging learning opportunities in general education, including science and technology. We believe that general education is a continuous process and the heart of the undergraduate experience. General education constitutes learning experiences that will provide educated individuals with essential knowledge. Thus, general education aims to develop individuals with a broad span of knowledge—people who can direct their learning, who communicate clearly, who think logically and critically, and who have the capacity to work independently and as a part of a team.

Career and Technical Education

The courses and programs of career and technical education at Great Basin College are aimed at training students for entry-level employment or to upgrade skills for positions they already hold. Great Basin College offers customized training to meet local business and industry workforce development needs. The college has also developed many short courses designed to meet the ever-changing demands of local business and industry.

Career and technical education develops intellectual curiosity, promotes creative thought, and improves abilities in areas ranging from computing to welding.

Developmental Education

Developmental education, for many students, provides the open door to a college education. These students may need a review of English grammar and usage or basic mathematics before beginning a career and technical education or liberal arts program.

GBC takes developmental education seriously as a major part of the college mission. An increasing emphasis on educational quality, seen as necessary if Americans are to compete in an international economy, is prompting more emphasis on basic skills, mathematics, writing, critical thinking, and reading. Whether or not a student needs developmental coursework in English and mathematics is determined by his/her placement test scores.

Courses numbered 001-099 are developmental courses and will not satisfy degree or certificate requirements, nor will they count toward the residency requirement of 15 GBC credits for an associate degree or 32 GBC credits for a baccalaureate degree, but they will prepare students for later college-level courses.

Continuing Education

Great Basin College Continuing Education offers personal and professional development opportunities in a wide range of topics for community members of all ages. Our courses are designed for people who love to learn.

The class schedule does not follow the traditional semester start and end dates. New courses start monthly, so be sure to check our online schedule at www.campusce.net/gbcnv. The majority of courses are not offered for credit and have no final grades assigned. Driver Education is graded pass/fail, and certificates are issued to those who successfully complete the 30-hour course.

Many employers contract with GBC Continuing Education to provide the latest training in Microsoft Office 365 Excel, PowerPoint, Word, and Project. Other popular courses include Technical Writing and Supervisory Management Skills.

Call 775-327-2380 for details. Continuing Education also offers online career training programs such as Clinical Dental Assistant, Veterinary Assistant, Certified Paralegal, Certified Supply Chain Professional, Pharmacy Technician, Python Developer, and Data Analyst.

For more information regarding these and other classes, you may email continuing-ed@gbcnv.edu, call 775.327.5300, or visit us in the Community Outreach Center at 1025 Chilton Circle in Elko.

ADMISSION

The College Year

Great Basin College follows the semester system. Regular Fall and Spring semesters run for 16 weeks each, including final exams. A typical non-lab, 3-credit course meets for 45 hours, a 2-credit course for 30 hours, and a 1-credit course for 15 hours. Fall semester begins at the Elko campus and most off-campus educational centers in late August and ends in mid-December. Spring semester begins in mid-January and ends in mid-May.

GBC may also schedule alternate semesters. These may be abbreviated or compressed terms or courses built in or around regular semesters.

Personnel in the Admissions Advising and Career Center and the Recruitment Department will explain the procedures you need to follow to start smoothly in college. A campus visit and tour is strongly advised and can be arranged with the recruitment department. Admission to GBC involves a minimum of red tape. If you have any unanswered questions or concerns, please contact:

Admission Advising and Career Center or Recruitment Department
1500 College Parkway
Elko, Nevada 89801
775.327.2068 (Admissions Advising and Career Center)
775.327.2337 (Recruitment Department)
775.327.5071 (FAX)
www.gbcnv.edu/admissions
recruitment@gbcnv.edu

Admission to Our Open-Door College

Great Basin College is an open-door college which creates an opening to opportunity; it means that no one is excluded from the chance to succeed in college. However, admission to the college does not mean that you have unrestricted entry to a particular course or program. The Department of Health Sciences and Human Services, for example, has special or additional admission requirements than does the college in general. Students who need basic skills instruction may spend a semester or two in developmental classes before enrolling in liberal arts or career and technical education courses. Placement tests should be taken before registration to determine the appropriate courses for enrollment.

Dual-enrollment students (students enrolled concurrently in high school and GBC college courses) should note that IEPs and 504 accommodations are not transferred directly from the high school to the college classroom. High school students are advised to submit a current IEP and documentation or report from the school psychologist to the GBC Disability Resource Center along with a request/intake for accommodations form. All documentation submitted by dual enrollment students will be evaluated based on the GBC reasonable accommodation policy. Please call the GBC Disability Resource Center at 775.327.2336 or go to www.gbcnv.edu/disabilities/ for detailed information concerning the process for requesting reasonable accommodations in GBC courses.

No one can be denied admission on the basis of race, religion, color, age, sex, sexual orientation, military status, disability, national origin, gender identity or expression, or genetic information.

Admission Classification and Requirements

Any person meeting one of the following criteria may be granted admission to GBC.

Admission of Regular Students

1. Graduate of a high school who is accredited by a regional accrediting association as defined by the U.S. Department of Education or approved by a state board of education or other appropriate state educational agency.
2. Recipient of a high school certificate or equivalency (GED).
3. 18 years of age or older.
4. Transfer student in good standing from another college or university.

Students may be required to take a placement test prior to registering to determine the appropriate courses for enrollment.

Admission of Students Under 18 Years of Age

1. Any applicant under the age of 18, but older than 16, that doesn't meet one of the above listed requirements can apply and complete our high school enrollment packet in conjunction with their high school guidance counselor (or parent, if home schooled).
2. Any high school student, age 15, can apply and complete the GBC high school enrollment packet in conjunction with their high school guidance counselor (or parent, if home schooled) to be considered for admission at GBC. Applicants seeking to enroll at the

age of 15 years will need to meet with a GBC representative for an interview to gauge their college readiness as well as complete placement testing to assure they are academically prepared for college level coursework.
3. Applicants under the age of 15 years old, that have not graduated from high school or have not received a high school certificate of equivalency (GED) will not be admitted.

Admission of Students Without a High School Diploma or GED
Any person without a high school diploma or GED will be admitted as a non-degree seeking student. In order to be reclassified as a degree seeking student and declare a major, the applicant will have to meet one of the following requirements.

- Obtain minimum placement test scores for entry in ENG 101 or higher, and MATH 96 or higher, or
- Successfully complete six college credits in any general education course with a grade of C- or higher

Inquiries regarding admission should be directed to any campus/center office or the Admissions and Records Office at 775.327.2059.

Your Responsibilities as a GBC Student

As you consider attending Great Basin College, it is important that you understand your responsibilities. You should read and understand the contents of this catalog. In addition, you should familiarize yourself with GBC policies and procedures. Take special note of important dates for registration, fee payment, and refunds. And, in order to best serve your needs, keep the Admissions and Records Office informed of any changes in address, telephone number, and enrollment status.

It is your responsibility to officially withdraw from courses you are not attending. See page 77 for the GBC withdrawal policy.

How to Apply for Admission

To apply for admission, submit an online application. This can be found by clicking on Apply for Admission on the Great Basin College web page: www.gbcnv.edu. You will be contacted by an academic advisor.

Official transcripts from other colleges and high schools, along with test scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT), should be sent to the Admissions and Records Office as soon as the student has applied to GBC.

All of the bachelor's degrees and several of the Associate of Applied Science degrees have special admission requirements and require an additional application. Admission to these programs is not guaranteed upon acceptance to GBC. Consult Degrees Offered (pages 98-230) for details or visit www.gbcnv.edu/academics.

Use of Social Security Numbers

In accordance with the Federal Privacy Act of 1974, applicants for admission and enrolled students at GBC are advised that disclosure and use of their social security number is voluntary*. All students will be assigned a student identification number that will be used as a personal identifier at GBC. Your social security number or an assigned number, may be used: 1) to identify student records at GBC; 2) for registration and course enrollment; 3) to certify attendance and report student status; 4) as an identifier for housing, grants, loans, and other financial aid programs; and 5) for recording grade information. GBC uses social security numbers or student identifier numbers for identification purposes. Provision and use of these numbers for identification purposes will facilitate the provisions of services and compilation of information necessary to maintain accurate records on applications and students.

Students who are employed full time or part time by GBC or who receive federally funded educational aid have to disclose their social security numbers for payroll and other mandatory reporting purposes, but such students have a right to use their student ID number for other identification purposes.

Taxpayer Relief Act

As students provide their social security number, they will be eligible for the Taxpayer Relief Act. The Taxpayer Relief Act requires institutions to provide information to taxpayers and to the Internal Revenue Service for the Hope Scholarship, Lifetime Learning Credit, and Student Interest Deduction. The information will be sent to the IRS and entered on the 1098-T form prepared for the student.

***Furnishing this information is optional. A social security number is required for federal financial assistance, some scholarships, and the 1098T tax credit document.**

International Student Admission

Great Basin College is authorized under federal law to enroll nonimmigrant alien students. If you are an international student planning to attend GBC on an F-1 student visa, you have special conditions to satisfy. You must submit the following:

- Official evidence, written in English, that you have completed an educational level equivalent to graduation from an accredited United States high school.

- A passing score on the TOEFL (Test of English as a Foreign Language) taken within twelve months of admission: 500 on the paper-based exam, 173 on the

computer-based exam, or 61 on the Internet-based exam.

- Adequate proof of financial responsibility or sponsorship by a reputable United States citizen or organization for all obligations while attending the college.

- If you want courses transferred to Great Basin College from a college or university outside of the United States, you must have the transcript evaluated by an approved evaluation agency. Please see Transferring Your Credits to GBC on pages 30-31 for further information.

For complete and current information, review the website at https://www.gbcnv.edu/admissions/international.html, or contact:

Director of Enrollment Services
Great Basin College
1500 College Parkway
Elko, Nevada 89801
775.327.2079
775.327.5071 (FAX)

Non-degree Students

GBC opens its doors to any adult who can profit from instruction. Several hundred non-degree students study in credit and non-credit classes each semester.

As a non-degree student, you may take classes for credit or choose to audit classes for personal enrichment. Many non-degree students eventually discover that they have completed enough credits for GBC's Associate in General Studies degree, which is described on page 92.

High School Students

Great Basin College offers high school juniors and seniors the opportunity for early enrollment in college courses. Students who may be interested in early studies should discuss the program with parents, high school counselors, and GBC counselors. Students must have the approval of their high school principal or guidance counselor to enroll in college classes.

Qualified juniors and seniors may register for courses each semester or during a summer session. High school students below the junior level will be considered on a case-by-case basis in accordance with NSHE Early Enrollment policy. Students may need to complete an assessment test or provide ACT/SAT scores for enrollment in some courses. The credits earned may fulfill requirements of a GBC degree or certificate of achievement program.

Dual-enrollment courses are college courses for which high school students may receive simultaneous high school and college credit. The list of dual-enrollment courses and the necessary forms can be found at https://www.gbcnv.edu/academics/dualenrollment.html.

Great Basin College Dual Enrollment Statement

Great Basin College believes that dual enrollment is a useful and viable opportunity for qualified high school students to start their college careers. Dual enrollment courses are college-level courses. Students enrolled in these courses earning simultaneous high school and college credit will be expected to meet Great Basin College standards. To ensure college-level rigor, the following key points will be observed:

- Courses will be taught by Great Basin College; faculty members will be full-time or part-time employees of Great Basin College.

- Courses will follow the official Great Basin College academic calendar for start/end dates and holidays for the session in which they are offered.

- Courses will use the Great Basin College course curriculum, syllabi, and grading system.

- Courses will use the Great Basin College-approved course text(s).

- Dual-enrollment students will be evaluated using the same outcomes assessment as other students at Great Basin College.

- Dual-enrollment student absences for non-Great Basin College events are not excused absences except by prior permission of the individual class instructor.

- Tuition and fees will be established by Great Basin College as a member of the Nevada System of Higher Education and processed through Great Basin College's controller's office. All fees are due before classes begin.

- Dual-enrollment students are college students, and for the purposes of the dual enrollment class(es), there will be a strict adherence to Right-to-Know policies and procedures of the Family Educational Right to Privacy Act (FERPA) as defined by regulations binding Great Basin College and all its students. As such, parents will not have access to student grades, financial records, etc. Information regarding student performance is not available through participating school district websites such as Infinite Campus.

Dual-enrollment students (students enrolled concurrently

in high school and GBC college courses) should note that IEPs and 504 accommodations are not transferred directly from the high school to the college classroom. High school students are advised to submit a current IEP and documentation or report from the school psychologist to the GBC Disability Resource Center along with a request/intake for accommodations form. All documentation submitted by dual enrollment students will be evaluated based on the GBC reasonable accommodation policy. Please call the GBC Disability Resource Center at 775.327.2336 or go to www.gbcnv.edu/disabilities/ for detailed information concerning the process for requesting reasonable accommodation in GBC courses.

For more information, contact your high school counselor or the Dean of Arts and Sciences at 775.327.2120.

Career and Technical Education (CTE) College Credit

CTE College Credit is a program that offers FREE college credit for approved high school Career and Technical Education (CTE) programs. High school students can prepare for college and the workforce by completing CTE program sequences of high school elective classes taught at their high school.

CTE College Credit is awarded to students based on articulation agreements established by each college for the CTE program, where the colleges will determine the credit value of a full high school CTE program based on course alignment. An articulation agreement will be established for each CTE program designating the number of articulated credits each college will award to students who complete the program.

The goal of this new system is to prepare students to earn a postsecondary credential in less time and at lower cost.

As per the policy approved by the Nevada State Board of Education and the Nevada Board of Regents, a Memorandum of Understanding has been developed between the Department of Education and each of the four participating colleges: College of Southern Nevada, Great Basin College, Truckee Meadows Community College, and Western Nevada College. Each MOU is signed by the respective college president and by the superintendent of public instruction.

The Memoranda of Understanding provides the foundational authority to establish statewide articulation agreements for high school students in Nevada.

Requirements to receive CTE college credits are: students must (1) complete the GBC online application for admission; (2) complete the GBC online CTE college credit application; (3) pass the core course sequence for the CTE program with a grade point average of 3.0 or higher; (4) pass the state end-of-program technical assessment; and (5) pass the workplace readiness skills assessment. The credits earned while in high school will be awarded on a GBC transcript and an "S" grade will be assigned for students meeting the above eligibility requirements.

Students may apply for CTE college credit for up to three years after high school graduation.

Students must pay the one-time $10.00 non-refundable fee. CTE College credits apply towards degrees offered at Great Basin College, other NSHE institutions, and potentially at other out-of-state institutions.

Interested high school students may contact their high school counselor, CTE teacher, or the GBC CTE College Credit Office at 775.327.2278. Students can see which CTE programs qualify at their high schools and apply for CTE college credit online at www.gbcnv.edu/cte.

Placement Tests to Validate Your Mathematics and English Skills

Placement testing should take place prior to your first semester of enrollment and must take place no more than two years prior to your first semester.

Great Basin College offers two remote testing options for students unable to visit one of the GBC campus centers located in Elko, Battle Mountain, Winnemucca, Ely, or Pahrump. Contact the Academic Success Center at 775-327-2247 for more information about our placement testing options.

All degree-seeking students must enroll in mathematics and English every semester until they have completed their math and English requirements. Studies consistently show that students who complete their English and math classes quickly, and in a continuous fashion, are more likely to graduate.

Great Basin College provides assistance to its students as follows:

Placement in Writing Courses

GBC offers the following seven courses in writing:

ENG 100 Composition–Enhanced
ENG 101 Composition I
ENG 102 Composition II
ENG 103 English Fundamentals for Technical Writing
ENG 107 Technical Communications I
ENG 108 Technical Communications II

Placement Guidelines for ENG 103, ENG 107, and ENG 108:

ACT Scores
Up to 17-ENG 103
18-29-ENG 107
30 or higher-ENG 108

SAT Scores
Up to 430-ENG 103
431-670-ENG 107
671 or higher-ENG 108

Next Generation Accuplacer Scores
Up to 249-ENG 103
250-280-ENG 107
281 or higher-ENG 108

Placement Guidelines for ENG 100, 101, and 102:
This guide will help advisors select which first-year English course is better for students: English 100 or English 101. Please note, you will only get credit for English 100 or English 101 for degree completion. If students are submitting ACT or similar scores for English 102 placement, this guide does not apply. If students are enrolling in English 103, 107, or 108, this guide does not apply to you. Make sure you have items available like previous transcripts/report cards, standardized test scores, etc.

1. High School Grade Point Average:

	Recommended English Course Placement
HSGPA 3.0	ENG 101
HSGPA 2.3 - 2.9	ENG 100 or ENG 101 (Please use additional multiple measures to determine student placement)
HSGPA < 2.3	ENG 100

2. The highest-level ENG courses taken

	Recommended English Course Placement
ENG 101	Junior or senior level high school course or similar; B or better
ENG 100	Junior or senior level high school course or similar; C or better

3. Students' confidence in their own writing

	Recommended English Course Placement
ENG 101	I am comfortable with academic writing, including writing an organized, well-sourced essay, supporting argumentative assertions, and similar common college writing activities.
ENG 100	I am not comfortable with academic writing, including writing an organized, well-sourced essay, supporting argumentative assertions, and similar common college writing activities.

Mathematics Corequisite Guided Self-Paced

To satisfy the mathematics requirement for the Associate of Arts degree, each student must complete three credits of MATH 120, 120E, 126, 126E or higher, or STAT 152. For the Associate of Science degree, each student must complete five credits of MATH 126, 126E, or STAT 152. Completion of MATH 116, 116E or higher is required to satisfy the mathematics requirement for the Associate of General Studies degree. MATH 116, 116E or higher is required for all Associate of Applied Science degrees.

Developmental math courses (MATH 91, 95, 96, and 97) will only be available for high school students.

The mathematics requirement may also be satisfied by a student who earns credit through the College-Level Examination Program (CLEP) tests or transfers equivalent credits to GBC. Placement tests are available at the Academic Success Center and at your local center.

ACT MATH	SAT Test Prior to MARCH 2016	SAT Test Date MARCH 2016 or later	NEXT GENERATION ACCUPLACER						GBC COURSE
			ARITHMETIC		QUANTITATIVE REASONING, ALGEBRA & STATISTICS	ADVANCED ALGEBRA AND FUNCTIONS			
Up to 16	Up to 439	Up to 439	Up to 265	and	up to 239	N/A			MATH 91 or MATH 120E and MATH 20 or MATH 126E and MATH 26
17-18	440-465	440-500	266-300	and	up to 262	N/A			MATH 95 OR MATH 97 or MATH 120E and MATH 20 or MATH 126E and MATH 26
			OR						
			Up to 265	and	240-262				
19-21	470-495	500-530	N/A		263 or higher	and	up to 236		MATH 96 OR MATH 116 or MATH 120E and MATH 20 or MATH 126E and MATH 26
22-24	500 or higher	530 or higher	N/A		263 or higher	and	237-249		MATH 120 or MATH 120E and MATH 20
22-24	520 or higher	550 or higher	N/A		263 or higher	and	250-300		MATH 126 OR MATH 128
25 or higher	560 or higher	580 or higher	N/A		N/A	N/A			MATH 127 or higher. Department approval required.

MINIMUM MATH REQUIREMENT FOR GRADUATION:
Three credits MATH 120, MATH 120E, MATH 126, MATH 126E or higher for AA degrees. Five credits of MATH 126, MATH 126E or higher for AS degrees; three credits of MATH 116 or MATH 126E or higher for AAS.

Rev. 4/10/21

Pathways for Mathematics Courses for College Students

Liberal Arts
Health Sciences

Math 120	Math 120E
Gateway	w/Co-Req Support

STEM
Business

Math 126	Math 126E
Gateway	w/Co-Req Support

Additional Options for High School Students Only

Pathways to MATH 120
MATH 91--MATH 95--MATH 96--MATH 120
MATH 91--MATH 97-MATH 120
MATH 91--MATH 95 and ENG 100 or ENG 101--MATH 120
MATH 120E and MATH 20

Pathways to MATH 126
MATH 91--MATH 95--MATH 96--MATH 126
MATH 91--MATH 97-MATH 126
MATH 126E and MATH 26

High School Equivalency/ Adult High School Diploma

The Nevada Department of Education and the American Council on Education have authorized GBC in Elko as an official testing agency for the High School Equivalency (HSE) tests. You may make an appointment to take the test upon payment of the test fee. To schedule a test, call the Academic Success Center at 775.327.2247. If you aren't sure you're ready to take the test, the staff in the Adult Learning Center can help you to prepare for the tests.

Satisfactory test results earn you (Nevada residents 18 years old or older or 16 and 17 years old under certain circumstances) the Certificate of High School Equivalency. Satisfactory scores on the HSE tests may also be used to satisfy certain requirements for an Adult High School Diploma. GBC is authorized to issue the Certificate of High School Equivalency; Adult High School Diplomas are issued by the Elko, Humboldt, Lander, and White Pine County School Districts.

If you are not sure which test or which version is right for you, staff at the Adult Learning Center (775.327.2224) or the Academic Success Center (775.327.2247) can help you choose the right test. ESL students, or English speaking students, who prefer classroom HiSET practice should contact the ABE/ESL office in the Adult Learning Center at 775.327.2216.

Cooperative Education/Work Experience

Cooperative education is an extension of classroom learning at the workplace. It is a process which integrates on-campus study with related work experience in a student's career interest area. For example, a student who studies hydraulics at GBC may expand that learning with a community learning station—perhaps in the shop of a heavy equipment vendor or in a diesel shop at a mining company.

Cooperative education is a tri-part working relationship in which GBC joins with an employer in a structured, academic relationship which benefits the student, the employer, and the institution. Co-op's basic purpose is to provide work experience while the student is in college. The on-the-job experience is supervised as well as monitored by the employer and the institution to insure competency and academic integrity.

Employers who are interested in cooperative education should call GBC's Career and Technical Education Department at 775.327.2286.

How to Obtain Credit for Your Knowledge and Prior Learning Experience Education

Non-traditional Credit

Many adult students with a rich experience of work and training may not be aware that they may obtain college credit for knowledge they have gained over the years.

Students may receive up to 15 credit hours for non-traditional education from any combination of the following sources: military training; extension courses; post-secondary proprietary institutions, including business colleges; Peace Officers Standard Training (P.O.S.T.) certificate training; and other recognized sources. Students must themselves take the initiative of compiling documents to be used in petitioning for credit. Such documents may include training, certificates, licenses, resumés, job descriptions, work evaluations, length and content of training, and letters of verification from employers.

A GBC faculty member in the appropriate discipline and the academic standards committee of faculty senate will assess prior learning. The result will then be reported to the full faculty senate as an information item. Non-traditional forms of learning must be shown to be worthy of college credit. Learning which is certified by GBC for credit must be equivalent to the classroom experience.

Judgments used by the faculty committee on non-traditional learning will vary greatly from discipline to discipline. Certain common denominators, however, will guide the assessment: the quality, the authenticity, the appropriateness, and the breadth of learning.

Non-traditional education credit can only be applied toward an Associate of Applied Science, an Associate of General Studies, or a Certificate of Achievement. The student must have completed or be undertaking 12 semester credits at GBC before non-traditional credit is considered.

Obtain a petition and receive instruction regarding your non-traditional education from Admissions and Records, Berg Hall, 775.327.2059.

Military Training

Providing military transcripts and a DD214 is mandatory for all veteran students using their VA education benefits to determine if credit may be awarded for military service or training. The Admissions and Records Office will automatically review these submissions as long as the student has applied to Great Basin College and has declared a major. Credit will only be awarded for courses that are applicable to the declared major.

- Up to 15 credits of boot camp credit , in combination with military experience and training, may be awarded to qualifying applicants who are currently active duty or were honorably discharged and completed more than one year of active duty. Refer to https://www.gbcnv.edu/academics/militarycredit.html for additional information.
- The Community College of the Air Force and Air University are regionally accredited colleges; credits from these colleges are granted.
- Dantes Subject Standardized Tests (DSST) will be granted as indicated on the DSST Chart. For courses not on the chart, American Council on Education (ACE) recommendations will be considered.
- Experience gained from military schools and other forms of military training will be evaluated using American Council on Education (ACE) and Joint Services Transcript (JST) recommendations in conjunction with other criteria required by non-traditional policies. This includes consultation with academic faculty and deans. A maximum of 15 credits from non-traditional sources, such as military training, can be applied to a GBC degree.

Veterans and active duty military seeking additional information on prior learning credits and on Nevada residency criteria can contact the Admissions and Records Office at 775.327.2059 or admissions@gbcnv.edu. For assistance with VA education benefits, contact the Veterans Resource Center at 775.327.2128 or gbc.vrc@gbcnv.edu.

For assistance with financial aid, contact student financial services: 775.327.2095, financial-aid@gbcnv.edu.

For general information or assistance with VA education benefits: 775.327-2128, gbc.vrc@gbcnv.edu.

College Credit by Examination

Students can receive college credit by examination using either select national standardized exams or GBC challenge exams. You may earn a maximum of 30 semester credits by examination, using any combination of the exams listed below.

Challenge Examinations

Challenge examinations may be given to enrolled students who have accumulated a great deal of information outside the classroom without formal instruction. Students who would like to challenge a course must obtain a petition for credit by examination from the Admissions and Records Office and pay a non-refundable fee of $25.00 for each course challenge prior to taking the exam.

- Each student is responsible for obtaining a petition, seeking approval(s), arranging to complete the challenge examination, and requesting the official score be posted.
- A maximum of 15 credits in a single subject area may be obtained through challenge examinations.
- Courses cannot be challenged if a student has taken a more advanced course in the same area.
- Challenge examinations do not apply toward the 15-credit residency requirement for graduation.
- Challenge examinations do not count as part of a student's credit load for any given semester.
- Challenge exam credits cannot be used for financial aid credit load standing.
- Challenge examinations may not be transferable and may not count for licensing agencies.
- Successful challenge examinations are posted as an S (satisfactory) on the student's transcript. An S signifies that the student earned a C- or above on the required exam. A "U" signifies that the student did not successfully pass the course.
- Students must complete the challenge during the same semester in which the request was made. If the student does not pay for the course by the end of the semester, a grade of "U" will be assigned.
- GBC reserves the right to deny any petition for credit by examination.

National Standardized Exams

- **College-Level Examination Program (CLEP)**
  The College-Level Examination Program (CLEP) helps you gain recognition for what you know. You may test in numerous subject areas which require a minimum score of 50 for three credits. Normally CLEP exams should be completed prior to the second semester. For more information, contact 775.327.2275. Refer to CLEP grid on page 276-277.
- **College Board Advanced Placement Examination (CBAPE)**
  GBC credit may be granted to students who have achieved appropriate scores on one or more of the College Board Advanced Placement Examinations. These tests are administered each year in May and are available to high school students who have taken advanced-placement courses in high school. Refer to page 274-275for the CBAPE course grid.
- **Dantes Subject Standardized Tests (DSST)** Before 2004, the DSST exams were available only to military personnel through DANTES (Defense Activity for Non-Traditional Education Support), a division of the Department of Defense that provides educational support to military members. In 2004, the tests were acquired by Prometric and became available to anyone seeking college credit. Refer to page 278 for the DSST grid.
- **International Baccalaureate Examination (IB)**
  These exams are completed by high school students through the IB diploma program. Refer to page 279-280

Your Academic Advisor

When you submit your admission application online through www.gbcnv.edu/admissions, you will be assigned an advisor. Advisors are assigned according to academic major or program. You can also view the name of your advisor by signing into MyGBC. Your advisor's name and contact information is in your Student Center. It is strongly recommended that you apply to the college and take placement tests prior to seeing your advisor.

Mandatory Advisement

All students are required to meet with their advisor their first semester at GBC. Your advisor will guide you through your academic career at GBC. You will receive assistance with class selection and setting up your semester schedules. Advisors are knowledgeable in their respective areas and can counsel you on career choices and job possibilities in your chosen field.

You should contact your advisor before the enrollment period begins, allowing time to discuss your academic plans. If you would like an advisor or are not sure who is assigned as your advisor, call the Academic Advising Department, 775.327.2068, for assistance. GBC strongly encourages students to participate in the advisement process. Students using VA education benefits should contact the Veterans Resource Center at 775.327.2128 or gbc.vrc@gbcnv.edu.

Academic Honesty

Plagiarism

Plagiarism is presenting someone else's words, ideas, or data as one's own. When a student submits work that includes the words, ideas, or data of others, the source of that information must be acknowledged through complete, accurate, and specific references, and if verbatim statements are included, through quotation marks as well. In academically honest writing or speaking, the student will acknowledge the source whenever:

- Another person's actual words are quoted.
- Another person's idea, opinion, or theory is used, even if it is completely paraphrased in the student's own words.
- Facts, statistics, or other illustrative materials are borrowed, unless the information is common knowledge.

A nationally recognized plagiarism software may be used to check student work.

Cheating

The following are some examples of cheating:

- Recycling (using material generated for one class in another class).
- Using electronic devices inappropriately.
- Using unapproved notes.
- Unapproved discussion between classmates.
- Having others represent you in class—attend class for you, do work in your place, take exams.
- Having others do your work.

Transfer Center

GBC's Transfer Center assists students who plan to continue their education. Visit or call the Admission Advising and Career Center (AACC) for career exploration leading to a major, for transfer to a university, and for professional goal and educational plan guidance. For more information visit the Transfer Center Coordinator in Berg Hall or call 775.327.2077.

Transferring Your Credits to GBC

Students who would like to have credits from other regionally accredited institutions transferred to GBC should have the institution where they received credit send an official transcript directly to the Admissions and Records Office, 1500 College Parkway, Elko, NV 89801. In order for classes to be transferred to GBC, students must have applied to Great Basin College and declared a major.

For the awarding of college credit, Admissions and Records will only accept official transcripts from other colleges, universities, and educational testing sources; unofficial copies will not be accepted. A transcript must be sent directly to admissions and records by mail or electronically from the applicable institution to be considered official; Credits earned from institutions that are not regionally accredited can only be considered as non-traditional credit. Admissions and Records will not accept hand delivered transcripts.

The transcript evaluator in Admissions and Records will determine how the courses will transfer in. When clarification is needed, the transcript evaluator will consult with the appropriate academic department. An email is then sent to the student.

Transfer credit is granted for completed general education courses and for courses that are applicable to your current plan of study. If you change your declared major, it is your responsibility to notify the Admissions office at admissions@gbcnv.edu to request a re-articulation of your transcript(s).

If the student disagrees with the decision of the transcript evaluator, the student can discuss the areas of concern with the evaluator and/or provide additional documentation, such as catalog course descriptions and course syllabi. The evaluator will then review the transcripts again, conferring with faculty as needed.

If the student is still dissatisfied, they should contact the Director of Enrollment Services in writing, outlining specific concerns and request and providing documentation. The Director of Enrollment Services will then work in consultation with the appropriate faculty and make a final determination.

A student transferring to GBC with an Associate of Arts (AA), Associate of Science (AS), or Associate of Business (AB) from an NSHE Institution, or an Associate of Arts (AA) or an Associate of Science (AS) from a regionally accredited college, will be considered by GBC to have fulfilled the GBC lower-division general education requirements.

If students are transferring with a bachelor's degree from any regionally accredited college or university, all general education requirements (lower- and upper-division) are considered to be met unless the course is a specific program requirement or capstone inside the major.

It is the responsibility of students with foreign transcripts to provide Great Basin College with a copy of the official transcript, translated and evaluated by a NACES agency. The agency must be approved by the Nevada Commission on Professional Standards in Education. A list of NACES agencies is available on the GBC website. The evaluation process for foreign transcripts can be quite lengthy, thus students are advised to begin the process as early as possible, especially when applying to specific programs within GBC. Students are responsible for ascertaining and meeting all the deadlines. Students receiving VA education benefits are required to submit all post-secondary transcripts.

Transferring Your Credits from GBC

Students may plan to transfer from GBC to upper-division study at other colleges. Transferring students should plan to complete a program of classes they know will become a part of a baccalaureate degree because they have studied the university catalog, talked with advisors, and been assured that they can transfer courses with ease.

Some students, however, do not take such precautions. They complete courses at GBC that were not designed to transfer, and later they are disappointed. Don't let this happen to you. This catalog provides the crucial information you need to make informed decisions about the courses you take. But even with this printed guide, you should work closely with your advisor before registration if you plan to transfer.

GBC cannot, of course, guarantee that colleges and universities will receive courses, but our experience has been overwhelmingly positive.

Transferring within the Nevada System of Higher Education

The universities and colleges of the Nevada System of Higher Education (NSHE) participate in regular discussions about the transfer status of courses within NSHE. The following common course numbering system is recognized among the colleges of NSHE:

GBC Non-transferable Developmental Courses
(courses with numbers less than 100)..... 001-099

GBC Non-transferable Courses

Some courses (100-299) offered at Great Basin College may not be used for an Associate of Arts, Associate of Science, Bachelor of Arts, or Bachelor of Science degree. These courses may not be transferable to other Nevada colleges. These courses are identified in the course catalog descriptions.

GBC Non-transferable Non Credit Courses
(courses with a Z designator or all 000s).....001Z-299Z
GBC and University lower-division courses and community college transfer courses..... 100-299
GBC and University upper-division courses..... 300-499
(Upper-division courses with any affixes are transferrable to UNR, UNLV, NSC)
University graduate courses 500-799

GBC schedules always indicate NSHE course transfer status with these designations. Naturally, transfer courses do not all transfer the same way. Some transfer as equivalents, some as departmental electives, and others as general electives. This catalog provides the information you will need, but even with this printed guide, you should meet with your advisor before registration because courses and programs may change. With the assistance of your advisor, you can make informed decisions.

For more information regarding how your GBC courses can be applied to degrees at Nevada colleges visit gbcnv.edu/articulation/. For articulation agreements between GBC and Nevada Universities visit the following websites: www.unr.edu, www.unlv.edu.

Reverse Transfer Agreement

The Nevada System of Higher Education reverse transfer agreement allows students to earn their Associate of Arts or Associate of Science degree from Great Basin College, even after transferring to a Nevada university or state college.

There is no formal application for reverse transfer. Students interested in this option should contact an advisor at GBC to determine what courses they need to complete for their associate's degree. They will need to apply to graduate at GBC by October 15 for a December graduation or March 15 for a May graduation, and it is the

student's responsibility to have an official transcript from their state college or university sent to GBC to confirm that the final courses were completed.

Transferring with an Associate's Degree

Completion of an Associate of Arts or an Associate of Science degree will be the basis for admission to upper-division study with junior status at universities and the state college in Nevada. Completion of either degree automatically fulfills the lower-division, general education requirements. Other baccalaureate-level courses included as a part of the Associate of Arts or Associate of Science degrees will transfer to the University of Nevada, Reno, the University of Nevada, Las Vegas, or Nevada State College at a minimum as general elective credit. Completion of an Associate of Arts or Associate of Science degree does not guarantee satisfaction of all lower-division program requirements at the universities. The receiving institution will evaluate all transfer courses completed at GBC and any other educational institution attended.

Student Rights

Students have the right to:

- Receive automatic fulfillment of lower-division general education requirements at the universities, state college, and community colleges that offer select baccalaureate degrees upon completion of an Associate of Arts, Associate of Science, or an Associate of Business degree from an NSHE community college.

- Access information from the community colleges, state college, and universities about their transfer admission requirements, including documents required for admission, housing, and information about the institution's costs, financial aid, and student services.

- Access information about the transfer of specific courses, credit hours, grades, and degree requirements. This includes information about transferring courses with grades below a C, courses students may have repeated, and credit previously granted by examination.

- Access and to receive admissions and transfer-related decisions in writing (electronic or paper) specifically:
  - Acceptance by the community colleges (limited access programs only), state college, and the universities.
  - Evaluation of courses and credits accepted for transfer credit and their course equivalencies, if applicable.
  - Outline of transfer courses and requirements which the transferred courses or credits will satisfy for the degree or program sought.
  - Analysis of the number of semester credits required to complete a degree in the chosen major program of study.
  - The NSHE institution's appeals process for transfer-related decisions.

- Appeal any NSHE institution's transfer-related decision. The appeal process will be developed and maintained by each NSHE institution and published on the institution's website.
- Elect to graduate under the course catalog graduation requirements under any of the following options, provided that the course catalog at the time of graduation is not more than ten years old for a bachelor's degree or six years old for an associate's degree or a certificate of achievement:
  - The course catalog of the year of enrollment in a baccalaureate level course/program at an NSHE community college (valid transfer contract may be required).
  - The course catalog of the year of transfer into a baccalaureate level program at the universities, state college, or community colleges that offer select baccalaureate degrees.
  - The course catalog of the year of graduation from an NSHE institution

- **Notice:** Students have all of the above rights and any others as summarized in the summary of Board of Regents transfer policies. The summary can be accessed at the NSHE website at system.nevada.edu/NSHE. Paper copies of this document are available upon request at the institution's admission office.

Student Responsibilities

Students have the responsibility to:

- Understand the transfer policies and procedures of the institution they are considering for transfer. Students should seek information from the institution they are transferring to regarding core curriculum, prerequisites, major program requirements, degree requirements, admissions, financial aid, scholarships, housing, deadlines, restrictions, and other transfer-related criteria.

- Complete all materials required for application and submit the application on or before the published deadlines.

- Research how courses are applicable to degree and major requirements.

- Understand that if they change their major, not all courses taken will necessarily apply to their new major.

- Students should plan ahead and meet with your advisor regularly.

- Understand that after a break in their enrollment, status as an admitted student may be affected.

NSHE Institution Responsibilities

NSHE institutions will:

- Make transfer-related policies and procedures available on their websites.
- Make answers to frequently asked questions about transfer issues accessible for students and provide opportunities for appropriate follow-up appointments to students.
- Provide information on the approximate costs of attending the institution, including tuition, books and supplies, housing, and other related fees.
- Relay admission and transfer-related decisions to students in writing (electronic or paper), including information about the student's appeal rights.
- Establish and make available upon request internal appeals processes to review transfer-related issues and decisions.
- Engage in continuous, authentic dialogue among NSHE institutions about transfer-related issues with the purpose of solving the challenges before they negatively impact students.

GBC Cares—A Guide to Engaged Learning

Civility—have respect for others (students, faculty, staff, and the campus community), be respectful, polite, and considerate in any classroom, live or digital.

Active—embrace the active process of learning. To maintain a class environment that is conducive to learning: be diligent, engaged, and committed.

Responsibilities—you are accountable for your actions, work, words, and behavior, (courteous behavior and responses are expectedbe honorable, conscientious, truthful, and dependable.

Excellence—in the classroom, optimizes an atmosphere of teaching and learning. Classroom discussion is meant for everyone's viewpoint to be expressed on the topic at hand. All students should be afforded the courtesy and opportunity to be heard: be exceptional.

Success—successful college students embrace all of the educational experience and welcome diversity and different ideas: embrace challenges.
At GBC, students are expected to assist in maintaining a class environment that is conducive to learning.
It is required that students conduct themselves in a manner that does not disrupt the teaching or learning atmosphere. All classroom participants have the responsibility to maintain classroom discussions that are civil and not disruptive by being courteous and using respectful language.

Be an engaged learner and encourage your fellow students to do so as well.

Title IX Notice of Non-Discrimination

Great Basin College has adopted the Nevada System of Higher Education Title IX revisions to the NSHE policy. This policy was approved by the Board of Regents in June, 2020. A complete copy of Title 4, Codification of Board of Regents Policy Statements Chapter 8, Section 13 Policy Against Discrimination and Sexual Harassment; Complaint Procedures for the Nevada System of Higher Education may be found at gbcnv.edu.

NSHE and its member institutions do not discriminate on the basis of sex in their education programs and activities; Title IX of the Education Amendments Act of 1972 is a federal law that states at 20 U.S.C. §1681(a):

"No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance."

All students, faculty, staff, and other members of the campus community are subject to this policy. Students, faculty, or staff who violate this policy are subject to discipline up to and including termination and/or expulsion, in accordance with the NSHE Code (or in the case of students, any applicable student code of conduct) or, in the case of classified employees, the Nevada Administrative Code. Other lesser sanctions may be imposed, depending on the circumstances. Complaints may also be filed against visitors, consultants, independent contractors, service providers, and outside vendors whose conduct violates this policy, with a possible sanction of limiting access to institution facilities and other measures to protect the campus community.

Determining what constitutes discrimination under this policy will be accomplished on a case-by-case basis and depends upon the specific facts and the context in which the conduct occurs. Some conduct may be inappropriate, unprofessional, and/or subject to disciplinary action, but would not fall under the definition of discrimination. The specific action taken, if any, in a particular instance depends on the nature and gravity of the conduct reported and may include non-discrimination related disciplinary processes as stated above.

Title IX—Sexual Violence Prevention Training

GBC is a member institution of the Nevada System of Higher Education (NSHE). All NSHE institutions, in compliance with federal regulations for mandatory training of faculty, staff, and students, have adopted the same courses. Courses for students will be taught online through an outside provider. Enrolled students will receive an email for the training. Great Basin College is committed to providing a safe, comfortable, harassment-free environment. For that reason, these courses are free and will not affect scholarships, loans, fees, or grade point averages.

We hope this course helps you to think deeply about these critical issues. Please be proactive. If you have any concerns about anyone's behavior or know someone who has concerns about another person's behavior or situation, please let us know. You may contact the Office of the Vice President for Student and Academic Affairs at 775.327.2115. For off-campus sites, contact your Center Director.

Policy Against Sexual Harassment

Sexual harassment is illegal under federal and state law. The Nevada System of Higher Education/Great Basin College (NSHE/GBC) is committed to providing a place of work and learning free of sexual harassment, including sexual violence. Where sexual harassment is found to have occurred, the institution will act to stop the harassment, to prevent its recurrence, to remedy its effects, and to discipline those responsible in accordance with the NSHE Code, in the case of students, any applicable student code of conduct, or in the case of classified employees, the Nevada Administrative Code. Sexual harassment, including sexual violence, is a form of discrimination; it is illegal.

No employee or student, either in the workplace or in the academic environment, should be subject to unwelcome verbal or physical conduct that is sexual in nature. Sexual harassment does not refer to occasional compliments of a socially acceptable nature. It refers to behavior of a sexual nature that is not welcome, that is personally offensive, and that interferes with performance. It is expected that students, faculty, and staff will treat one another with respect.

Sexual Harassment Defined

Under this policy, unwelcome sexual advances, requests for sexual favors, and other visual, verbal, or physical conduct of a sexual or gender-bias nature constitute sexual harassment when:

Educational Environment

1. Submission to such conduct is made either explicitly or implicitly a term or condition of an individual's academic status (quid pro quo);
2. Conduct that is sufficiently severe, persistent, or pervasive so as to interfere with or limit a student's ability to participate in or benefit from the services, activities, or opportunities offered by the institution (hostile environment).

Workplace Environment

1. Submission to or rejection of the conduct is used as a basis for academic or employment decisions or evaluations, or permission to participate in an activity (quid pro quo); or
2. Conduct that is sufficiently severe, persistent, or pervasive so as to create a work environment that a reasonable person would consider intimidating, hostile or abusive, and which may or may not interfere with the employee's job performance (hostile environment).

Sexual violence is a severe form of sexual harassment and refers to physical sexual acts or attempted sexual acts perpetrated against a person's will or where a person is incapable of giving consent, including but not limited to rape, sexual assault, sexual battery, sexual coercion, or similar acts in violation of state or federal law.

Determining what constitutes sexual harassment under this policy is dependent upon the specific facts and the context in which the conduct occurs. Some conduct may be inappropriate, unprofessional, and/or subject to disciplinary action but would not fall under the definition of sexual harassment. The specific action taken, if any, in a particular instance depends on the nature and gravity of the conduct reported and may include disciplinary processes as stated above.

Sexual Assault

Sexual assault means a person subjects another person to sexual penetration, or who forces another person to make a sexual penetration on himself or herself or another, or on a beast, against the will of the victim, or under conditions in which the perpetrator knows or should know that the victim is mentally or physically incapable of resisting or understanding the nature of his or her conduct.

Hazing

In accordance with, NSHE Code, Title 2, Chapter 10, Section 10.2.1(aa), Hazing is defined as any method of initiation into or affiliation with the university, college or community college community, a student organization, a sports team, an academic association, or other group

engaged in by an individual that intentionally or recklessly endangers another individual.

NSHE institutions advocate civility in society and an adherence to the fundamental principles of honesty, integrity, respect, fairness, development of individual character, and sensitivity to the dignity of all persons. These principles should be fostered and nurtured in a broad spectrum of activities that yield social, intellectual, and physical benefits.

Hazing activities may include, but are not limited to:

- Any physical activity, such as whipping, beating, branding, forced calisthenics, exposure to the elements, forced consumption of food, liquor, drugs, or other substance, or any other brutal treatment or other forced physical activity that is likely to adversely affect the physical health of the person;

- Any situation which subjects the individual to extreme stress, such as sleep deprivation, forced exclusion from social contact, required participation in public stunts, or forced conduct which produces pain, physical discomfort, or adversely affects the mental health or dignity of an individual; and

- Any expectations or commands that force individuals to engage in an illegal act and/or willful destruction or removal of public or private property.

Hazing of any nature is unacceptable at any public institution of higher education in Nevada. For more information and reporting procedure, call 775.327.2116.

Dating Violence

Dating violence is an act committed by a person who is or has been in a dating relationship with the victim:

1. The existence of such a relationship shall be determined based on the reporting party's statement and with consideration of the length of the relationship, the type of relationship, and the frequency of interaction between the persons involved in the relationship. Dating relationship means frequent, intimate associations primarily characterized by the expectation of affection or sexual involvement. The term does not include a casual relationship or an ordinary association between persons in a business or social context; and

2. For the purpose of this definition:
   Dating violence is committed by a person who is or has been in a social relationship of a romantic or intimate nature with the reporting party.

   Dating violence includes but is not limited to mental, sexual, or physical abuse or the threat of such abuse. Dating violence does not include acts covered under the definition of domestic violence.

   For the purpose of complying with the requirements of this section and 34 CFR 668.41, any incident meeting this definition is considered a crime for the purpose of Clery Act reporting.

Domestic Violence

Domestic violence is an act that includes but is not limited to violence which occurs when a person commits one of the following acts against or upon the person's spouse or former spouse, any other person to whom the person is related by blood or marriage, any other person with whom the person is or was actually residing, any other person with whom the person has had or is having a dating relationship, any other person with whom the person has a child in common, the minor child of any of those persons, the person's minor child, or any other person who has been appointed the custodian or legal guardian for the person's minor child:

1. A battery.
2. An assault.
3. Compelling the other person by force or threat of force to perform an act from which the other person has the right to refrain or to refrain from an act which the other person has the right to perform.
4. A sexual assault.
5. A knowing, purposeful, or reckless course of conduct intended to harass the other person. Such conduct may include but is not limited to:
   a. Stalking.
   b. Arson.
   c. Trespassing.
   d. Larceny.
   e. Destruction of private property.
   f. Carrying a concealed weapon without a permit.
   g. Injuring or killing an animal.
6. A false imprisonment.
7. Unlawful entry of the other person's residence or forcible entry against the other person's will if there is a reasonably foreseeable risk of harm to the other person from the entry.

Stalking

Stalking is defined to be when a person who, without lawful authority, willfully or maliciously engages in a course of conduct that would cause a reasonable person to feel terrorized, frightened, intimidated, harassed, or fearful for the immediate safety of a family or household member, and that actually causes the victim to feel

terrorized, frightened, intimidated, harassed, or fearful for the immediate safety of a family or household member, commits the crime of stalking. Stalking includes but is not limited to:

1. Engaging in a course of conduct directed at a specific person that would cause a reasonable person to:
   a. Fear for the person's safety or the safety of others;or
   b. Suffer substantial emotional distress.

2. For the purpose of this definition:
   a. Course of conduct means two or more acts, including but not limited to, acts in which the stalker directly, indirectly, or through third parties, by any action, method, device, or means follows, monitors, observes, surveils, threatens, or communicates to or about a person or interferes with a person's property.
   b. Substantial emotional distress means significant mental suffering or anguish that may, but does not necessarily, require medical or other professional treatment or counseling.
   c. Reasonable person means a reasonable person under similar circumstances and with similar identities to the victim.

Coercion
Coercion is:

- The use of violence or threats of violence against a person or the person's family or property;
- Depriving or hindering a person in the use of any tool, implement, or clothing; or
- Attempting to intimidate a person by threats or force,
- When committed with the intent to compel a person to do or abstain from doing an act that the person has the right to do or abstain from doing.

In the context of sexual misconduct, coercion is the use of pressure to compel another individual to initiate or continue sexual activity against an individual's will. Coercion can include a wide range of behaviors including intimidation, manipulation, threats, and blackmail. A person's words or conduct are sufficient to constitute coercion if they wrongfully impair another individual's freedom of will and ability to choose whether or not to engage in sexual activity. Examples of coercion include threatening to out someone based on sexual orientation, gender identity, or gender expression and threatening to harm oneself if the other party does not engage in the sexual activity.

Consent
Consent is defined as:

- An affirmative, clear, unambiguous, knowing, informed, and voluntary agreement between all participants to engage in sexual activity. Consent is active, not passive. Silence or lack of resistance cannot be interpreted as consent. Seeking and having consent accepted is the responsibility of the person(s) initiating each specific sexual act regardless of whether the person initiating the act is under the influence of drugs and/or alcohol.
- The existence of a dating relationship or past sexual relations between the participants does not constitute consent to any other sexual act.
- The definition of consent does not vary based upon a participant's sex, sexual orientation, gender identity, or gender expression.
- Affirmative consent must be ongoing throughout the sexual activity and may be withdrawn at any time. When consent is withdrawn or cannot be given, sexual activity must stop.
- Consent cannot be given when a person is incapacitated. Incapacitation occurs when an individual lacks the ability to fully, knowingly choose to participate in sexual activity. Incapacitation includes impairment due to drugs or alcohol (whether such use is voluntary of involuntary); inability to communicate due to a mental or physical condition; the lack of consciousness or being asleep; being involuntarily restrained; if any of the parties are under the age of 16; or if an individual otherwise cannot consent.
- Consent cannot be given when it is the result of any coercion, intimidation, force, or threat of harm.

Remedies and Interim Measures
It may be necessary or advisable to take actions (as determined by the institution) designed to minimize the chance that the respondent will either continue to harass or retaliate against the complainant and to provide additional support to the complainant. Such actions (as determined by the institution) may also be necessary or advisable on behalf of a respondent. The measures themselves must not amount to retaliation against the complainant or the respondent.

Any interim measures or final remedies shall be monitored by the Title IX coordinator throughout the entire process to assess whether the interim measures or final remedies meet the goals of preventing ongoing harassment or discrimination, protecting the safety of the parties, and preventing retaliatory conduct.

Complaint and Investigation Procedure
This section provides the complaint and investigation procedure for complaints of discrimination or sexual harassment, including sexual violence (except that complaints against students may be referred to student disciplinary processes). The Chancellor (for the system office) and each President shall designate no fewer than two administrators to receive complaints. The administrators designated to receive the complaints may include the following: (1) the Title IX Coordinator; (2) the Affirmative Action Officer; (3) the Human Resources Officer; or (4) any other officer designated by the President. All complaints, whether received by the Affirmative Action Officer, Human Resources Officer, or other designated Officer must immediately be forwarded to the Primary Officer.

An individual filing a complaint of alleged discrimination or sexual harassment shall have the opportunity to select an independent advisor for assistance, support, and advice and shall be notified of this opportunity by the Primary Officer, or the Primary Officer's designee. It shall be the choice of the individual filing the complaint to utilize or not utilize the Independent Advisor. The Independent Advisor may be brought into the process at any time at the request of the complainant. The means and manner by which an independent advisor shall be made available shall be determined by each institution or unit.

An individual against whom a complaint of alleged discrimination or sexual harassment is filed shall have the opportunity to select an independent advisor for assistance, support, and advice and shall be notified of this opportunity by the Primary Officer, or by the Primary Officer's designee. It shall be the choice of the individual against whom the complaint is filed to utilize or not utilize the Independent Advisor. The Independent Advisor may be brought into the process at any time at the request of the respondent. The means and manner by which an Independent Advisor shall be made available, shall be determined by each institution or unit.

If anyone in a supervisory, managerial, administrative, or executive role or position, such as a Supervisor, Department Chair, or Director of a unit, receives a complaint of alleged discrimination or sexual harassment, or observes or becomes aware of conduct that may constitute discrimination or sexual harassment, the person must immediately contact one of the individuals identified above to forward the complaint, to discuss it and/or to report the action taken. Title IX complaints must be immediately provided to the Title IX coordinator.

Complaints of discrimination or sexual harassment should be filed as soon as possible with the Supervisor, Department Chair, Dean, or one of the Administrators listed above and/or designated by the President to receive complaints of alleged sexual harassment or discrimination.

Students
a. A student who believes that he or she has been subjected to discrimination or sexual harassment by anyone is encouraged—but it is neither necessary nor required particularly if it may be confrontational—to promptly tell the person that the conduct is unwelcome and ask the person to stop the conduct. A student is not required to do this before filing a complaint. A person who receives such a request must immediately comply with it and must not retaliate against the student.
b. The student may file a complaint with his or her major department chair or director of an administrative unit, who will in turn immediately contact one of the officials listed above.
c. If the student feels uncomfortable about discussing the incident with the department chair or director of an administrative unit, the student should feel free to bypass the person and file a complaint with one of the above officials or to any chair, dean, or director of an administrative unit who will in turn immediately contact one of the officials listed above to forward the complaint, to discuss it and/or to report the action taken. The department chair, dean, or director of an administrative unit has a responsibility to act even if the individuals involved do not report to that person.

Investigation
After receiving a complaint of the incident or behavior, the Primary Officer (or designee) will initiate an investigation to gather information about the incident. If the Primary Officer is unable to initiate an investigation, due to a conflict or for any other reason, the President shall designate another individual to act as primary officer for the matter. Each institution may set guidelines for the manner in which an investigation shall be conducted. The guidelines shall provide for the prompt, thorough, impartial, and equitable investigation and resolution of complaints, and shall identify the appropriate management level with final decision-making authority. The guidelines shall, at a minimum, provide the person subject to the complaint with information as to the nature of the complaint and shall further provide that the person

filing the complaint and the person who is the subject of the complaint have equal rights to be interviewed, identify witnesses, and provide documentation pertaining to the complaint. In most cases, an investigation should be completed within 45 calendar days of receipt of the complaint.

Standard of Review
The standard for evaluating complaints shall be a preponderance of the evidence. At the completion of the investigation, findings and a recommendation will be made to the appropriate management regarding the resolution of the matter. The recommendation is advisory only.

Management Determination
After the recommendation has been made, a determination will be made by appropriate management regarding the resolution of the matter. If warranted, disciplinary action up to and including involuntary termination or expulsion will be taken. Any such disciplinary action shall be taken, as applicable, in accordance with NSHE Code Chapter 6 or Chapter 10 (or applicable Student Code of Conduct), or, in the case of classified employees, Nevada Administrative Code (NAC) Chapter 284. Other appropriate actions will be taken to correct problems and remedy effects, if any, caused by the conduct, if appropriate. If proceedings are initiated under Title 2 (Chapter 6 or Chapter 10), the applicable Student Code of Conduct, or the NAC, the investigation conducted pursuant to this policy may be used as part of such investigations. The administrative officer, in his or her discretion, may also supplement the investigation with additional investigation. In any disciplinary hearings conducted pursuant to a Student Code of Conduct or under Title 2, Ch. 6 or Ch. 10, the standard of evidence shall be by a preponderance of the evidence. In connection with any such disciplinary hearings, the person filing the complaint and the person who is the subject of the complaint have equal rights to be interviewed, identify witnesses, and provide and receive documentation and witness lists pertaining to the complaint, and, if an appeal is provided, to appeal the decision.

Parties to be Informed
After the appropriate management has made a determination regarding the resolution of the matter, and depending on the circumstances, both parties may be informed concurrently of the resolution.

Confidentiality of Actions Taken
In the event actions are taken against an individual under NSHE Code Title 2, Chapter 6 or Chapter 10 (or applicable Student Code of Conduct) or NAC Chapter 284, such matters generally remain confidential under those sections, except that final decisions following hearings or appeals of professional employees and State of Nevada personnel hearings involving classified employees are public records. Student matters generally remain confidential under the Family Educational Rights and Privacy Act, 20 U.S.C. §1232g, 34 CFR Part 99 (FERPA).

Crime of Violence Exception to FERPA
When discriminatory conduct or sexual harassment involves a crime of violence or a non-forcible sex offense, FERPA permits the institution to disclose to the complainant the final results (limited to the name of the respondent, any violation found to have been committed, and any sanction imposed) of a disciplinary proceeding against the respondent, regardless of whether the institution concluded that a violation was committed. With respect to an institutional disciplinary proceeding alleging a sex offense, the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, 20 U.S.C. §1092 (f). 34 CFR 668.46 (Clery Act) requires that the accuser and the accused must be informed of the outcome.

Disclosure of Sanction Imposed
In the event a student is found to have engaged in sexual harassment of another student, the institution shall disclose to the student who was harassed information about the sanction imposed on the student who was found to have engaged in harassment when the sanction directly relates to the harassed student.

Withdrawal of Student
If a student respondent withdraws from the institution or an employee respondent resigns from employment while an investigation of a complaint involving gender discrimination or sexual harassment is pending under this policy, the Title IX Coordinator shall take appropriate action, which may include completing the investigation to the extent reasonably practicable, in order to prevent the reoccurrence of and to remedy the effects of the alleged misconduct.

Title IX Coordinator Monitoring
The institution Title IX coordinator has primary responsibility for coordinating the institution's efforts to comply with and carry out its responsibilities under Title IX. The Title IX coordinator is responsible for monitoring all aspects of the investigation and any disciplinary process to help insure that:

- the process is fair and equitable to both the complainant and the respondent;
- the applicable policies and procedures of NSHE and of the institution are followed; and

- the interim measures and final remedies are followed.

Prompt Attention
Complaints of discrimination or sexual harassment are taken seriously and will be dealt with promptly, thoroughly, impartially, and equitably. Where discrimination is found to have occurred, the NSHE institution or unit where it occurred will act to stop the discrimination or sexual harassment, to prevent its recurrence, to remedy its effects, if any, and to discipline those responsible.

Confidentiality
NSHE recognizes that confidentiality is important. However, confidentiality cannot be guaranteed. The administrators, faculty, or staff responsible for implementing this policy will respect the privacy of individuals reporting or accused of discrimination or sexual harassment to the extent reasonably possible and will maintain confidentiality to the extent possible. Examples of situations where confidentiality cannot be maintained include, but are not limited to, necessary disclosures during an investigation, circumstances where NSHE is required by law to disclose information (such as in response to legal process), or when an individual is in harm's way.

Confidentiality in Complaints Involving Sexual Violence
In complaints involving sexual violence, the following applies:

Varying Confidentiality Obligations. Complainants who are victims of sexual violence are encouraged to talk to somebody about what happened in order for them to receive the support they need and so the institution can respond appropriately. Different individuals at the institution have different abilities to maintain a complainant's confidentiality:

- Some are required to maintain near complete confidentiality; talking to them is sometimes called privileged communication.

- Other employees may talk to a complainant in confidence and generally only report to the institution that an incident occurred without revealing any personally identifying information. Disclosures to these employees will not trigger an investigation into an incident against the complainant's wishes—except in certain circumstances discussed below.

- Complainants are encouraged to talk to one of the individuals identified above.

- Some employees are required to report all of the details of an incident (including the identities of both the complainant and all others involved) to the Title IX Coordinator. A report to these employees (called **responsible employees**) constitutes a report to the institution—and generally obligates the institution to investigate the incident and take appropriate steps to address the situation. Anyone in a supervisory, managerial, administrative, or executive role or position, such as a provost, vice provost, vice president, dean, department chair, supervisor, director of a unit, resident director, resident assistant, supervisor, student advocate, or faculty advisors to student clubs.

This policy is intended to make employees, students, and others aware of the various reporting and confidential disclosure options available to them, so they can make informed choices about where to turn, should they want to report an act of sexual violence. The institution encourages such complainants to talk to someone identified in one or more of these groups.

Privileged and Confidential Communications
A complainant or respondent may wish to consult with professional counselors, pastoral counselors, or others outside the institution. Certain professionals are not required to report incidents unless they have permission:

- Professional Counselors - Professional, licensed counselors who provide mental health counseling to members of the institution community (and including those who act in that role under the supervision of a licensed counselor) are not required to report any information about an incident to the Title IX coordinator without a complainant's permission.

- Pastoral Counselors - A complainant and/or a respondent may choose to consult with a non-institution pastoral counselor and is encouraged to discuss confidentiality with that individual.

- Under Nevada law, other professionals who may maintain confidentiality include lawyers, psychologists, doctors, social workers, and victim advocates employed by non-profit entities.

Complainant Options
A complainant who reports an act of sexual violence to a professional listed above must understand that, if they want to maintain confidentiality, the institution will be unable to conduct a full investigation into the incident and will likely be unable to pursue disciplinary action against the respondent.

A complainant who at first requests confidentiality may later decide to file a complaint with the institution or report the incident to local law enforcement and thus have the incident fully investigated.

Other Reporting Obligations
While professional counselors may maintain a complainant's confidentiality vis-à-vis the institution, they may have reporting or other obligations under state law. For example, there may be an obligation to report child abuse, an immediate threat of harm to self or others, or to report in the case of hospitalization for mental illness.

Issuance of Timely Warning
If the institution determines that the respondent poses a serious and immediate threat to the institution community, police or security services may be called upon to issue a timely warning to the community. Any such warning will not include any information that identifies the complainant.

If the institution determines that it can follow a complainant's request for confidentiality, the institution will also take immediate action as necessary to protect and assist the complainant.

Retaliation
Retaliation against an individual who in good faith complains of alleged discrimination or sexual harassment or provides information in an investigation about behavior that may violate this policy is against the law, will not be tolerated, and may be grounds for discipline. Retaliation in violation of this policy may result in discipline up to and including termination and/or expulsion. Any employee or student bringing a discrimination or sexual harassment complaint or assisting in the investigation of such a complaint will not be adversely affected in terms and conditions of employment and/or academic standing nor discriminated against, terminated, or expelled because of the complaint. Intentionally providing false information is also grounds for discipline.

Students
a. A student who believes that he or she has been subjected to retaliation may file a retaliation complaint with his or her major Department Chair or Director of an administrative unit who will in turn immediately contact one of the officials listed above.
b. If the student feels uncomfortable about discussing the alleged retaliation with the Department Chair or Director of an administrative unit, the student should feel free to bypass the person and file a complaint with one of the above officials or to any Chair, Dean, or Director of an administrative unit who will in turn immediately contact one of the officials listed above to forward the complaint, to discuss it, and/or to report the action taken. The Chair, Dean, or Director of an administrative unit has a responsibility to act even if the individuals involved do not report to that person.

Complaints of retaliation under Title IX must be immediately provided to the Title IX Coordinator.

False Reports
Because discrimination and sexual harassment frequently involve interactions between persons that are not witnessed by others, reports of discrimination or sexual harassment cannot always be substantiated by additional evidence. Lack of corroborating evidence or proof should not discourage individuals from reporting discrimination or sexual harassment under this policy. However, individuals who make reports that are later found to have been intentionally false or made maliciously without regard for truth may be subject to disciplinary action under the applicable institution and Board of Regents disciplinary procedures. This provision does not apply to reports made in good faith, even if the facts alleged in the report cannot be substantiated by subsequent investigation.

Family Educational Rights and Privacy Act
Each semester, GBC informs students of the Family Educational Rights and Privacy Act of 1974 (FERPA), as amended, in the catalog, student handbook, and in an email to current students. This act was designed to protect the privacy of educational records and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings—this does not, however, include challenging the fairness of a grade. The law also provides the student with the right to inspect and review all information in his/her educational record and have some control over the disclosure of information from their educational records (an educational record is defined as a record directly related to the student and is maintained by the institution or a party acting for the institution).

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the college receives a request for access.
   A student should submit to the Director of Enrollment Services, Dean, head of the Academic Department, or other appropriate official a written request that identifies the records(s) the student

wishes to inspect. The college official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the college official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the college to amend a record should write the college official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the college decides not to amend the record as requested, the college will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedure will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the college discloses personally identifiable information from the student's education records—except to the extent that FERPA authorizes disclosure without consent. (See page 5-6 for a full description of this right and the disclosure opt out form).

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the college to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

   Family Policy Compliance Office
   U.S. Department of Education
   400 Maryland Avenue, SW
   Washington, DC 20202-5901

Crime of Violence Exception to FERPA
When discriminatory conduct or sexual harassment involves a crime of violence or a non-forcible sex offense, FERPA permits the institution to disclose in accordance with the Jeanne Clery Disclosure of Campus Security Police and Campus Crime Statistics Act, 20 U.S.C. §1092 (f). 34 CFR 668.46 (Clery Act).

Student Right-to-Know

The Student Assistance General Provisions of Public Law 101-542 requires all institutions that participate in student financial assistance programs as authorized by Title IV of the Higher Education Act of 1965 and Higher Education Technical Amendments of 1991, Public Law 102-26, to disclose the graduation rate and/or persistence rate of all full-time, degree-seeking or certificate-seeking undergraduate students.

As of 2015-2016, the four-year average student Right-to-know rate was 33% and the transfer out rate was 12%. Visit the GBC IPEDS link www.gbcnv.edu/IR/IPEDS.html for more information.

While reviewing this information please note:

- Graduation rates are based on attendance that equates to 150 percent of the degree or certificate program.

- Graduation rates do not include students who left the school to serve in the armed forces, official church missions, or in foreign services of the federal government. Students who died or were totally permanently disabled are also excluded.

Retention and Disposition of Student Records

The following records are retained permanently:
- Student permanent academic record (transcript)
- High School Equivalency (HSE) test scores

The following records are retained until five years after the last date of attendance:
- Transcripts from previously attended institutions
- Military service documents
- Final graduation degree audit

The following records are retained for five years and then destroyed:
- Correspondence
- Refund exceptions
- Registration source documents

The following records are retained for one year and then destroyed:

- Transcript requests
- Enrollment verifications

Retention of Student Disciplinary Records:
Records of disciplinary actions which result in a disciplinary sanction, are defined in Title 2, Nevada System of Higher Education Code, Chapter 10, Rules of Conduct and Procedures for Students of the Nevada System of Higher Education. Records of disciplinary action which result in a disciplinary sanction (Section 10.2.1) are retained by institutional policy for a period of six (6) years

from the date of the most recent disciplinary action unless pursuant to a written request, an official order to expunge a specific disciplinary record is issued by the President or designee (Section 10.4.8). This would include removal from the student's transcript, if applicable.

Grade Appeals

See page 80.

Student Grievance Procedure

Any student who believes they have suffered a non-grade related injustice may implement the following grievance procedure:

- Formal grievance procedures are initiated only after informal attempts have been found unsatisfactory in reaching a just solution. A grievance must be filed in writing to the appropriate Vice President within 30 calendar days of the alleged infraction.
- Members of a grievance committee will be selected by the appropriate Vice President. This committee will consist of the appropriate Vice President, two faculty members, one student, and one representative from the GBC Student Government Association.
- The student and involved parties will be given the opportunity to present their case in a formal hearing to the selected grievance committee.
- The committee will then recommend a course of action to the college President.
- The student will receive written notification of the final decision from the college President.

Student Conduct Policy

Great Basin College is a system institution of the Nevada System of Higher Education and encourages all students to pursue academic studies and other college sponsored activities that promote intellectual growth and personal development. Students are responsible for complying with NSHE and college guidelines and meeting the appropriate college requirements. In joining the academic community, the student enjoys the right of freedom to learn and shares responsibility in exercising that freedom. A student is expected to conduct him or herself in accordance with college standards.

Great Basin College has accepted the Board of Regents Code, Title 2 Chapter 10, Rules of Conduct and Procedures for Students of NSHE as the governing policy and procedures for all student conduct. Student conduct information for Great Basin College is provided to all students and college members as this code of conduct and accompanying policies and guidelines present the specific regulations, policies, procedures, and guidelines that are in place for all students—full and part time—at GBC regardless of the method of educational learning a student may use (in person, online, interactive video, or some combination of those).

The full policy is available for review and reference at https://nshe.nevada.edu/leadership-policy/board-of-regents/handbook/board-of-regents-handbook-subchapters/

When a complaint or charge of student misconduct is brought forth, it shall be processed in accordance with the policies and procedures prescribed in the NSHE Board of Regents Code Title 2, Chapter 10, which is outlined at www.gbcnv.edu/rights_responsibilities/. For purposes of this document, the term student means any person who is or was enrolled in courses, either full-time or part-time, including correspondence study, electronic means, study abroad, auditing, or courses offered through any institution, satellite campuses or auxiliary means.

Rules and Conduct and Procedures

NSHE Code, Title 2, Chapter 10, Rev. 12/20

Section 10.1 Scope of the Chapter

10.1.1 Applicability of Procedures and Sanctions.
The procedures and sanctions established in this chapter are applicable to the resolution and determination of charges against students of the Nevada System of Higher Education for allegedly engaging in conduct prohibited by the Nevada System of Higher Education rules of conduct or by other applicable stated policies, procedures, rules, regulations or bylaws of the System institutions. Except as expressly provided in Section 10.4.12, the System institutions and professional schools may establish written policies, procedures and sanctions for the discipline of their students that may be used in lieu of the policies, procedures and sanctions of this chapter, including but not limited to the establishment of student conduct councils, subject to the prior review by the institution's general counsel and to the approval of the president of the institution.

10.1.2 Proceedings Concurrent.
Action under the procedures established by this chapter shall go forward regardless of other possible or pending administrative civil or criminal proceedings arising out of the same or other events.

10.1.3 Student Defined.
The term student means any person who is or was enrolled in courses, either full-time or part-time, including correspondence study, electronic means, study abroad, auditing, or courses offered through any institution, satellite campuses or auxiliary means. Students are subject

to disciplinary action for conduct that occurs during any period under this chapter's authority and jurisdiction as defined above. Students who leave the institution before a conduct matter is resolved may be prohibited from future enrollment until such time as the matter is resolved. Persons who are not officially enrolled for a particular term but who have a continuing relationship with the institution are considered students. This includes individuals who have applied for admission to the institution or have been notified of their acceptance for admission.

10.1.4 Rules of Conduct.
The term rules of conduct means the rules established in Section 10.2 of this chapter and includes any rules incorporated by reference in that section.

10.1.5 System.
The term system means the Nevada System of Higher Education.

10.1.6 Charged Student.
The term charged student means the student alleged to have violated the rules of conduct.

Section 10.2 Cause

10.2.1 Prohibited Conduct.
The following conduct is prohibited:

(a) Acts of dishonesty, including but not limited to the following:
  (1) Cheating, plagiarism, fraudulently obtaining grades, falsifying research data or results, assisting others to do the same, or other forms of academic or research dishonesty;
  (2) Furnishing false information to any institution or system official, faculty member, or office;
  (3) Forgery, alteration, misuse, theft, or using without permission any institutional document or record.

(b) Disorderly, lewd, or indecent conduct, including the disruption, obstruction, or unauthorized interruption of teaching, convocations, recruiting interviews, social events, research, meetings, business and administration, disciplinary proceedings, or other institutional or system activities, including public service functions and outreach activities on or off campus, or other activities when the conduct occurs on institutional premises.

(c) Conduct that endangers the health or safety of any member or guest of the system community.

(d) Physical abuse, verbal abuse, threats, intimidation, coercion, and/or conduct that threatens or endangers the health or safety of any person.

(e) Interference by force, threat, or duress with the lawful freedom of movement of persons or vehicles on institutional premises.

(f) Resisting or obstructing institutional or other public officials in the performance of their duties.

(g) Failure to comply with the directions of institutional officials acting in accordance with their duties and/or failure to identify oneself to these persons when requested to do so.

(h) Acts of physical force or disruptive acts which interfere with institutional activities, freedom of movement on the campuses, freedom for students to pursue their studies, freedom of speech, freedom to be heard, and freedom to pursue research of their own choosing.

(i) Failure of the student to present proper credentials, student identification card, driver's license, or parking registration to institutional officials upon their request.

(j) Forgery, alteration, falsification, or destruction of system documents or furnishing false information in documents submitted to the system.

(k) Willful damage, destruction, defacement, theft or misappropriation of equipment or property belonging to, in the possession of, or on premises occupied by the system.

(l) Knowing possession on any premises of the system of any firearms, explosives, dangerous chemicals or other instruments of destruction, or other dangerous weapons as defined by the laws of the State of Nevada, without the written authorization of the institutional President or the President's authorized agent.

(m) Continued occupation of buildings, structures, grounds or premises belonging to, or occupied by, the system after having been ordered to leave by the institution's President, the President's designee, or the chancellor.

(n) False reporting of any emergency situation, including but not limited to misuse of campus or system emergency notification equipment. Unauthorized tampering with and/or accessing of safety, security, or fire protection equipment or devices. Setting off a fire alarm for reasons other than actual fire or emergency; involvement in setting or causing any unauthorized fire in or on institution property.

(o) The unauthorized possession, loan, modification, or distribution of keys, pass cards, or institutional identification cards. Unauthorized or unlawful entry or access to institutional or system facilities, including buildings and grounds. The reproduction, manufacture, or duplication of any key, pass card, institutional or system identification card, or unlocking device for use on institution or system facilities or locks without proper authorization.

(p) Abuse, unauthorized use, or theft of institutional or system computer facilities and resources, including but not limited to:
   (1) Unauthorized entry into, or transfer of, a file to use, read, or change the contents or for any other purpose; and/or a violation of copyright laws;
   (2) Use of another individual's identification and/or password;
   (3) Interfering with the work of another student, faculty member or institution or system official, or with the normal operation of the institution or system computing system; or,
   (4) Violating the institution's Standards of Conduct for the Use of Institution's Computers.

(q) Willfully destroying, damaging, tampering, altering, stealing, misappropriating, or using without permission any system program or file of the system.

(r) Violation of the institution's policies and regulations governing residence in institution owned or controlled property and access to and use of all institutional facilities, including responsibility for the conduct of guests.

(s) Use, possession, or distribution of alcoholic beverages without authorization (except as expressly permitted by system or institutional regulations, such as the Alcoholic Beverage Policy), or public intoxication. Alcoholic beverages may not, in any circumstances, be used by, possessed by, or provided to any person under 21 years of age

(t) Use, possession, manufacturing, or distribution (hereinafter use) of marijuana, heroin, narcotics, or other controlled substances; use or possession of any illegal and/or unauthorized drugs, prescription drugs, and drug paraphernalia, or being under the influence of illegal drugs except as expressly permitted by law. Use, possession, or cultivation of marijuana, including for medical purposes, on any NSHE or NSHE foundation-owned or leased property, or at any NSHE sponsored or authorized activity, is expressly prohibited.

(u) Contempt of student disciplinary proceedings including impairing or interrupting any proceeding or providing false information to institution or system officials and student hearing board members during the course of the conduct resolution process. Failure to comply with the terms of any sanction imposed in accordance with the rules of conduct.

(v) The repeated use of obscene or abusive language in a classroom or public meeting of the system and which, if occurring in a class, is not significantly related to the teaching of the subject matter.

(w) The use of threats or violence against a faculty member or the faculty member's family in order to secure preferential treatment for grades, loans, employment, or other service or privilege accorded by the system.

(x) Any act of unlawful discrimination based on race, creed, color, gender (including pregnancy-related conditions), age, sexual orientation, disability—whether actual or perceived by others, military status or military obligation, religion or national origin, gender identity or expression, or genetic information, or any act of employment or educational retaliation against any person who has made a complaint about such discrimination

(y) Sexual harassment, defined as unwelcome sexual advances, requests for sexual favors, and other visual, verbal, or physical conduct of a sexual or gender-bias nature constitute sexual harassment when:

1. Educational Environment:
   a. Submission to such conduct is made either explicitly or implicitly a term or condition of an individual's academic status (quid pro quo) or
   b. Conduct that is sufficiently severe, persistent or pervasive so as to interfere with or limit a student's ability to participate in or benefit from the services, activities or opportunities offered by the institution (hostile environment).
2. Workplace Environment:
   a. Submission to or rejection of the conduct is used as a basis for academic or employment decisions or evaluations, or permission to participate in an activity (quid pro quo); or
   b. Conduct that is sufficiently severe, persistent or pervasive so as to create a work environment that a reasonable person would consider intimidating, hostile or abusive, and which may or may not interfere with the employee's job performance ("hostile environment").

Sexual harassment includes sexual violence, sexual assault, dating violence, domestic violence, stalking and coercion, or similar acts in violation of state or federal law.

(z) Sexual assault, which is the use of or threat to use force or violence of a sexual nature defined as sexual assault, against any member or guest of the institutional community on institution-owned or institution-controlled property or at any institution-sponsored program.

(aa) Acts of hazing. Hazing is defined as any method of initiation into or affiliation with the university, college, or community college community, a student organization, a sports team, an academic association, or other group engaged in by an individual that

intentionally or recklessly endangers another individual.

(bb) Intentionally making an accusation that is false or is made with reckless disregard for the truth against any member of the system community by filing a complaint or charges under the rules of conduct or under any applicable established complaint or grievance procedures in the system.

(cc) Willful incitement of individuals to commit any of the acts herein prohibited.

(dd) Any other conduct that violates applicable stated prohibitions, policies, procedures, rules, or regulations of the institution or Board of Regents.

(ee) Any act prohibited by local, state, or federal law that occurs on system premises or at a system-sponsored function on or off such premises.

(ff) Dating Violence. Dating violence is an act committed by a person who is or has been in a dating relationship with the victim:

1. The existence of such a relationship shall be determined based on the reporting party's statement and with consideration of the length of the relationship, the type of relationship, and the frequency of interaction between the persons involved in the relationship. Dating relationship means frequent, intimate associations primarily characterized by the expectation of affection or sexual involvement. The term does not include a casual relationship or an ordinary association between persons in a business or social context; and
2. For the purpose of this definition: dating violence is committed by a person who is or has been in a social relationship of a romantic or intimate nature with the reporting party. Dating violence includes but is not limited to mental, sexual, or physical abuse or the threat of such abuse. Dating violence does not include acts covered under the definition of domestic violence.
   For the purpose of complying with the requirements of this section and 34 CFR 668.41, any incident meeting this definition is considered a crime for the purpose of Clery Act reporting.

(gg) Domestic Violence. Domestic Violence is an act that includes but is not limited to violence which occurs when a person commits one of the following acts against or upon the person's spouse or former spouse, any other person to whom the person is related by blood or marriage, any other person with whom the person is or was actually residing, any other person with whom the person has had or is having a dating relationship, any other person with whom the person has a child in common, the minor child of any of those persons, the person's minor child or any other person who has been appointed the custodian or legal guardian for the person's minor child:

1. A battery.
2. An assault.
3. Compelling the other person by force or threat of force to perform an act from which the other person has the right to refrain or to refrain from an act which the other person has the right to perform.
4. A sexual assault.
5. A knowing, purposeful or reckless course of conduct intended to harass the other person. Such conduct may include, but is not limited to:
   a. Stalking.
   b. Arson.
   c. Trespassing.
   d. Larceny.
   e. Destruction of private property.
   f. Carrying a concealed weapon without a permit.
   g. Injuring or killing an animal.
6. A false imprisonment.
7. Unlawful entry of the other person's residence, or forcible entry against the other person's will if there is a reasonably foreseeable risk of harm to the other person from the entry.

(hh) Stalking - Stalking is defined to be when a person who, without lawful authority, willfully or maliciously engages in a course of conduct that would cause a reasonable person to feel terrorized, frightened, intimidated, harassed, or fearful for the immediate safety of a family or household member, and that actually causes the victim to feel terrorized, frightened, intimidated, harassed, or fearful for the immediate safety of a family or household member. Stalking includes but is not limited to:

1 Engaging in a course of conduct directed at a specific person that would cause a reasonable person to:
   a. Fear for the person's safety or the safety of others; or
   b. Suffer substantial emotional distress.

2 For the purpose of this definition:
   a. Course of conduct means two or more acts, including, but not limited to, acts in which the stalker directly, indirectly, or through third parties, by any action, method, device, or means follows, monitors, observes, surveils, threatens, or communicates to or about, a person, or interferes with a person's property.
   b. Substantial emotional distress means significant mental suffering or anguish that may, but does not necessarily, require medical or other professional treatment or counseling.

c. Reasonable person means a reasonable person under similar circumstances and with similar identities to the victim.

(ii) Sexual Violence - Sexual violence is a severe form of sexual harassment, and refers to physical sexual acts or attempted sexual acts perpetrated against a person's will or where a person is incapable of giving consent, including but not limited to rape, sexual assault, sexual battery, sexual coercion or similar acts in violation of state or federal law.
Sexual coercion is:

1. the use of violence or threats of violence against a person or the person's family or property;
2. depriving or hindering a person in the use of any tool, implement, or clothing;
3. attempting to intimidate a person by threats or force; or
4. when committed with the intent to compel a person to do or abstain from doing an act that the person has the right to do or abstain from doing.

In the context of sexual misconduct, coercion is the use of pressure to compel another individual to initiate or continue sexual activity against an individual's will. Coercion can include a wide range of behaviors, including intimidation, manipulation, threats, and blackmail. A person's words or conduct are sufficient to constitute coercion if they impair another individual's freedom of will and ability to choose whether or not to engage in sexual activity. Examples of coercion include threatening to out someone based on sexual orientation, gender identity, or gender expression and threatening to harm oneself if the other party does not engage in the sexual activity.

10.2.2 Institutions May Prohibit Other Conduct.
An institution may adopt policies which prohibit other conduct not included above which are approved by the President and institution's general counsel.(B/R 12/20)"

All complaints of alleged misconduct (Section 10.2.1 above) made against a GBC student by any person should be submitted to the student conduct officer who is the Vice President for Student and Academic Affairs/Title IV Coordinator, Berg Hall—Elko Campus 775.327.2116 or jake.hinton-rivera@gbcnv.edu.

Along with imposing a disciplinary sanction of reprimand (formal censure) or probation, a student's enrollment in a course(s) may be withdrawn by the student conduct officer at the request of the instructor and approval of the President.

Section 10.3 Student Conduct Officers or Coordinators.
10.3.1 Appointment of student conduct officer or coordinator.
The President of an institution may appoint a student conduct officer or coordinator and alternate student conduct officers or coordinators to serve if the student conduct officer is unable to perform the duties of this section for any reason.

10.3.2 Training of Student Conduct Officer or Coordinator.
Student conduct officers or coordinators at an institution or professional school must receive training approved by the institution's legal counsel.

Section 10.4 Allegations of Violations of the Rules of Conduct.
Procedures unique to allegations of sexual harassment, including allegations of sexual violence, are in Section 10.4.12. The procedures for all allegations are as follows:

10.4.1 Complaints
Any member of the institution community may file a complaint against a student for violations of the rules of conduct. The complaint shall be prepared in writing and filed with the President or the student conduct officer. Any complaint should be submitted as soon as possible after the incident takes place.

10.4.2 Investigations and Computation of Time
The student conduct officer, coordinator, or designee may conduct an investigation to determine if the complaint has merit. At any time, the student conduct officer may determine that the best course of action to take is to informally resolve the complaint through mediation, conflict resolution, or an educational conference. Upon completion of the investigation, the student conduct officer or coordinator will deliver a letter to the student. The letter shall state the factual allegations, the charges, the student conduct officer or coordinator's proposed informal resolution process (if not completed earlier), and a copy of this chapter. In computing any period of time prescribed by this chapter, the day of the act, event or default from which a designated period of time begins to run shall not be included. The last day of the time period shall be counted, unless it is a Saturday, Sunday, or legal state holiday, in which case the time period runs until the end of the next day which is not a Saturday, Sunday, or legal state holiday.

10.4.3 Informal Resolution

The charged student shall participate in and work with the student conduct officer or designee for an informal resolution of the complaint. At the conclusion of the successful informal resolution process, a written determination shall be signed by both the Student Conduct Officer or Coordinator and charged student which may include any of the disciplinary sanctions described in this chapter. At any time prior to signing a written determination, the charged student has the right to request a hearing before a hearing board or hearing Officer as the means to resolve the complaint.

10.4.4 Failure to Reach Resolution

If the Student Conduct Officer and charged student do not reach an informal resolution or if the charged student requests a hearing, then the Student Conduct Officer or Coordinator shall notify the charged student in writing that the matter will be addressed through a hearing before a Student Conduct Board or a Student Conduct Hearing Officer. A time shall be set for a student conduct hearing to occur within a reasonable time from this notification, yet not more than twenty-five (25) calendar days from the date of the decision to proceed with formal resolution of the complaint. Maximum time limits for scheduling of student conduct hearings may be extended at the discretion of the Student Conduct Officer or Coordinator. Notice of the hearing may be given by electronic mail or by first class mail with the U.S. Postal Service with delivery confirmation to the last known address of the student or by personal delivery.

10.4.5 Appointment of Hearing Boards or Hearing Officer.

The President or designee may establish one or more student conduct hearing boards or appoint individual hearing officers. A board shall be from three to five persons. Every board shall include at least one student and at least one faculty member. All complaints shall be heard by a board unless the charged student and student conduct Officer agree that the complaint may be heard by a hearing Officer.

10.4.6 Hearings

A hearing before a student conduct board or hearing officer shall be conducted under the following rules of procedure:

(a) In student conduct hearings involving more than one charged student, the student conduct officer or coordinator, in his or her discretion, may permit the student conduct hearing concerning each charged student to be conducted either separately or jointly.

(b) The charged student has the right to be assisted by an advisor. The advisor serves as a supporter and advisor during the conduct hearing. The charged student and the student conduct officer or coordinator are responsible for presenting his or her own information, introducing witnesses, and answering questions throughout the hearing. When a student selects an advisor, in this process the advisor has no right to speak during the hearing except to the charged student. The advisor may be an attorney. The student conduct officer or coordinator has sole discretion to allow for a delay in the hearing to allow for the scheduling conflicts of an advisor.

(c) The charged student and student conduct officer or coordinator shall notify the opposing party of all witnesses and provide copies of all documents and records in writing that the party proposes to introduce as evidence at least five (5) calendar days prior to the hearing. The president shall issue subpoenas to compel the attendance of persons and the presentation of documents at all hearings established under this chapter upon the request of the person charged or of the student conduct officer or coordinator. Such subpoena authority shall be exercised under the authority conferred by NRS 396.323.

(d) The charged student(s) and advisors, if any, along with the student conduct officer shall be allowed to attend the entire portion of the hearing, at which information is received, excluding the time of deliberations. Admission of any other person to the student conduct hearing shall be at the discretion of the student conduct board or hearing officer.

(e) Witnesses will provide information to, and answer questions from, the student conduct board or hearing officer. The charged student and student conduct officer may suggest questions. These questions will be directed to the chairperson of the conduct board or the hearing officer, who will question the witnesses directly. The chairperson of the conduct board or the hearing officer will decide on the specific course of questioning and/or information sharing throughout the hearing.

(f) All student conduct boards, hearing officers, or student conduct officers, may accommodate concerns for personal safety, well-being, and/or fears of confrontation, by the complainant, the accused, and witnesses, during the hearing or during the informal resolution process by providing the opportunity for the hearing board or student conduct officer to receive the pertinent information and conduct conversations for the resolution of the case using methods other than requiring both parties to be present in the same room at the same time. Such options include use of a visual screen, participation by videophone, closed circuit television, video conferencing, videotape, audio tape, written statement, or other means, where and as determined by the chairperson of the student

conduct hearing board or hearing officer conducting the hearing.

(g) Either party may present pertinent written statements, records, or other information to the student conduct board or hearing officer. The formal rules of evidence in court shall not apply but irrelevant or unduly repetitious evidence shall be excluded.

(h) To the extent consistent with the Family Educational Rights and Privacy Act ("FERPA") the hearing, except for deliberations, shall be taped or digitally recorded. Upon request by the student, a written transcript will be provided at the student's expense. Personally identifiable information will be removed. The record shall be the property of the institution and will be maintained with the student's conduct records by the student conduct officer.

(i) Student conduct hearings shall be conducted in private, unless the charged student requests an open hearing. An open hearing must be held consistent with Subsection (f).

(j) If a charged student, with notice, does not appear at a student conduct hearing, the information in support of the complaint shall be presented, considered, and acted upon even if the charged student is not present. Failure of the student to appear is not evidence that the student was responsible for the charge of misconduct.

(k) The hearing will proceed according to the institution's schedule and will not be delayed by another process off campus.

(l) The chairperson of the student conduct board or the hearing officer decides procedural questions.

(m) The members of the student conduct board or the hearing officer shall deliberates in closed session after the hearing has concluded and shall determine whether or not the charged student has violated each section of the rules of conduct that the student is charged with having violated. This determination is made through consensus when possible, and, if not possible, then by a simple majority vote of the board members.

(n) The student conduct board or hearing officer's determination shall be made on the basis of whether it is more likely than not that the charged student violated the rules of conduct.

(o) If the charged student is found not to have violated the rules of conduct, then the hearing is concluded. If the charged student is found to have violated the rules of conduct, then the student conduct board or hearing officer will discuss possible sanctions for the student after being informed of the student's disciplinary record with the institution.

(p) The student conduct board chairperson or the hearing officer will provide the board's decision on the violation and, if appropriate, for sanctions to the student conduct officer or coordinator and to the student. This written decision will be served within seven (7) calendar days of the conclusion of the hearing. The written decision may be served by electronic mail or by first class mail with the U.S. Postal Service with delivery confirmation to the last known address of the student or by personal delivery. Service is complete upon sending of the email or depositing with the U.S. Postal Service.

(q) With respect to an institutional disciplinary action alleging sexual violence, domestic violence, dating violence or stalking offense, the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, 20 U.S.C. §1092 (f). 34 CFR 668.46 (Clery Act) requires that the complainant and respondent must be informed simultaneously of the outcome.

10.4.7 Appeals.

A student who is aggrieved by the decision of a student conduct hearing board or hearing officer may appeal to a vice president designated by the president or the president may decide to hear the appeal. The appeal shall be in writing and delivered to the student conduct officer within seven (7) calendar days of the student's receipt of the decision. The student's appeal must include all written arguments in support of the appeal.

(a) The only grounds for an appeal are:
(1) Deviations from procedures set forth which result in significant prejudice.
(2) The decision reached regarding the charged student was not based on a decision that it was more likely than not that the charged student violated the rules of conduct
(3) The sanction(s) imposed were not appropriate for the violation of the rules of conduct which the student was found to have committed

(b) The student conduct officer or coordinator shall review the appeal and direct it, along with the recording of the hearing, any written evidence and arguments, and decision to the vice president designated by the president to hear the appeal within fourteen (14) calendar days of receiving the appeal. With the record, the student conduct officer or coordinator shall file written arguments in opposition to the appeal.

(c) The designated vice president shall review the recording of the hearing and the complaint and decision, along with any information and evidence that was part of the decision-making of the conduct case, and will decide whether or not the appeal should be upheld. The designated vice president may uphold the decision, may refer the case back to the

original board or hearing officer, or may order a new hearing before a new board or hearing officer.

(d) The decision of the vice president shall be in writing and served upon the student and student conduct officer or coordinator within thirty (30) calendar days of the receipt of the decision and record of the hearing by the vice president. The vice president may extend the time limit of this section by written notice to the parties.

(e) Any sanction against the student shall not take effect until any appeal is concluded.

(f) The student conduct officer or coordinator may suspend any time limits contained in this chapter during winter or summer breaks.

10.4.8 Sanctions and Expunging the Record

The student conduct officer or designee will be responsible for monitoring the student in successfully carrying out the sanctions imposed as the result of a hearing or the final determination of the informal resolution process. Unless the student conduct officer otherwise states in writing, any final action resulting from a disciplinary hearing or the informal resolution process shall become part of the student's disciplinary record. Other than institutional expulsion or withholding of a degree, disciplinary sanctions shall not be made part of the student's permanent academic record, but shall become part of the student's disciplinary record. Upon graduation, the student's disciplinary record may be expunged of disciplinary actions other than residence hall expulsion, institution suspension, institution expulsion, or withholding of a degree, upon application to the Student Conduct Officer or Coordinator and approval by the President. A student may request that his or her disciplinary record be expunged and any such notation be removed from the student's transcript during the student's semester before graduation or any time following graduation. The burden demonstrating reasonable cause for considering the expunging of a disciplinary record lies with the student. In considering such requests, the institution may consider the:

(a) stated reason for request and circumstances surrounding the request;

(b) date and seriousness of the violation;

(c) student's behavior and disciplinary record since the violation, including successful completion of any imposed sanctions;

(d) the impact, if any, on the public that failure to give such notice may cause; and

(e) consequences of denying the request.

The grant or denial of a request to expunge a student's disciplinary record shall rest solely within the discretion of the institution, and the enumeration of the foregoing factors shall not in any way imply a duty on the institution to grant such a request by means of a balancing or other test. If a request is not granted, the student at yearly intervals thereafter may request that his or her disciplinary record be expunged. The denial of a request to expunge is not appealable.

10.4.9 Sanctions

The following are the disciplinary sanctions that may be imposed on a student found to have violated the rules of conduct. More than one sanction may be imposed.

(a) Warning - A notice, oral or written, that the student has violated the rules of conduct.

(b) Reprimand - A written reprimand for violation of specified regulations.

(c) Restitution - Compensation for loss, damage, theft, or misappropriation of property, or injuries sustained in an incident of student misconduct. This may take the form of appropriate service, monetary, or material replacement, or a combination of these.

(d) Probation - Probation consists of a designated period of time and includes the probability of more severe disciplinary sanctions if the student is found to have violated any institutional regulation(s) during the probationary period.

(e) Loss of Privileges - Denial of specified privileges for a designated period of time. This may include denying the student access to any campus, site, or building while permitting the student to enroll in off-campus classes such as internet or correspondence classes.

(f) Discretionary and Educational Sanctions - Participation in specific educational programs, such as alcohol or other drug educational intervention conferences, assessments, educational activities, including on-line instructional workshops, and work assignments or service to the institution or the community, and other related discretionary assignments.

(g) Residence Hall Suspension - Separation of the student from the residence halls for a period of time, after which the student is eligible to return. The minimum period of suspension is one semester and the maximum period is two semesters. Conditions for readmission may be specified in the suspension.

(h) Residence Hall Permanent License Cancellation - Permanent separation of the student from the residence halls.

(i) Withholding of a Degree - Prior to the awarding of a degree, the institution may withhold a degree from a student

(j) Institutional Suspension - Exclusion for a definite period of time from attending classes and from participating in other activities of the system, as set forth in a written notice to the student The

official transcript of the student shall be marked —DISCIPLINARY SUSPENSION EFFECTIVE _____ TO _____. The parents or legal guardians of minor students shall be notified of the action.
A student who is enrolled in his or her last semester before graduation or is not currently enrolled in the system and who was not registered during the previous semester or who graduated at the end of the previous semester may request that the notation of the disciplinary suspension be removed from the official transcript when two years have elapsed since the expiration of the student's suspension. Such request must be submitted in writing to the President or his designee. If the request is not granted, the student at yearly intervals thereafter may submit a request for removal of the notation.

(k) Deferred Institutional Suspension - Deferred separation of the student from the institution until the close of the current semester or some other time frame for review of student progress in addressing the conduct matter.

(l) Institutional Expulsion
Termination of student registration and status for an indefinite period of time. Permission of the President shall be required for readmission. The official transcript of the student shall be marked —DISCIPLINARY EXPULSION EFFECTIVE _____. The parents or legal guardians of minor students shall be notified of the action.

A student who is enrolled in his or her last semester before graduation or is not currently enrolled in the system and who was not registered during the previous semester or who graduated at the end of the previous semester may request that the notation of the disciplinary expulsion be removed from the official transcript when four years have elapsed since the expiration of the student's expulsion or termination. Such request must be submitted in writing to the President or designee. If the request is not granted, the student at yearly intervals thereafter may submit a request for removal of the notation.

10.4.10 Emergency Removal
The President, the Student Conduct Officer, or Coordinator may impose an immediate emergency removal (hereafter, "removal") prior to the resolution of a charge of violation of the rules of conduct on the charged student. This removal includes the immediate exclusion from the institution and all of the institution's campuses, sites, locations, and property of a student for an interim period whenever the President determines that this is required to:

(a) Insure the safety and well-being of members of the institution's community;
(b) Protect institution property;
(c) Prevent the student from posing an ongoing threat of disruption of, or interference with, the normal operations of the institution; or
(d) Protect any student from discrimination, including sexual harassment or retaliation for the report of discrimination, including sexual harassment.

10.4.11 Conditions of Emergency Removal and Hearing
(a) When an emergency removal is imposed, the charged student shall be denied access to the institution, including classes and all other institutional activities or privileges for which the student might otherwise be eligible, as the President, the student conduct officer, or Coordinator may determine to be appropriate. During the time of the removal from the institution, the student may not come onto institutional property for any reason other than meeting with the appropriate official(s) regarding resolution of the emergency removal and the student conduct violation. The student conduct officer or coordinator may permit the student to participate in distance learning classes that do not include entering onto institutional property and provide adequate protections to prevent any of the conditions of (a), (b), (c), or (d) above from occurring. Any student so removed shall be afforded an opportunity for a hearing on the emergency removal no later than fourteen (14) calendar days following the removal unless the student agrees to delay the hearing to a later time. A hearing officer shall hold the hearing under the hearing procedures of the rules of conduct where those may be applicable. The student conduct hearing officer or coordinator shall make a recommendation to the President. The President's decision upon the hearing officer's recommendation shall be final. The removal does not replace the regular disciplinary process, which shall proceed under this chapter.
(b) Interim measures as described in NSHE *Handbook*, Title 4, Chapter 8, Section 13 (B), except for emergency removal of the student, may be implemented without a hearing and are not subject to any grievance procedure.

10.4.12 Procedures Available when Sexual Harassment is Alleged.

The following additional procedures apply in proceedings alleging sexual harassment:

(a) A complainant and a person against whom a complaint of alleged sexual harassment is filed (respondent) shall have the opportunity to select an independent advisor for assistance, support, and advice. The complainant and respondent shall be advised at the beginning of the complaint process that he or she may select an Independent Advisor and it shall become the choice of the complainant or respondent to utilize or not utilize the Independent Advisor. The Independent Advisor may be brought into the process at any time at the request of the complainant or the respondent. The Institutional Affirmative Action Officer, Title IX Coordinator, or the Student Conduct Officer shall advise the complainant and respondent of this right. The means and manner by which an independent advisor shall be made available shall be determined by each institution or unit;

(b) The complainant may choose to not permit the matter to be resolved by the informal resolution process or may terminate the informal resolution process at any time prior to a written determination being signed. If sexual assault is alleged, the informal resolution process may not be used;

(c) The complainant must agree to the charge being heard by a Hearing Officer if the Student Conduct Officer or Coordinator and student agree;

(d) The complainant must be given the opportunity to participate in any pre-hearing procedures;

(e) In a hearing involving more than one charged student, the hearing officer or hearing board may require a charged student to be absent from any testimony that is not relevant to that charged student;

(f) The complainant must receive a list of all witnesses at the same time it is received by the Student Conduct Officer or Coordinator and charged student;

(g) The complainant must be permitted an advisor during the hearing who shall have the same duties as the Advisor for the charged student;

(h) The complainant may present witnesses and other evidence at the hearing;

(i) The findings and recommendations of the Title IX coordinator pursuant to NSHE *Handbook*, Title 4, Chapter 8, Section 13 shall be considered at the hearing;

(j) The complainant shall be served a copy of the decision of the Student Conduct Hearing Board or Hearing Officer and of the Vice President, if an appeal is filed, except for the discipline imposed upon the student unless the discipline directly relates to the complainant.

(k) If the complainant is aggrieved by the decision of the Student Conduct Hearing Board or Hearing Officer, the complainant has the right to appeal the decision to the appropriate Vice President in the same manner as the student;

(l) In a complaint alleging sexual assault, domestic violence, dating violence or stalking, the complete decision of the Student Conduct Hearing Board or officer and the decision on appeal shall be given to the complainant.

10.4.13 Board of Regents Policy on Sexual Harassment
The Board of Regents policy against sexual harassment is set forth in Handbook Title 4, Chapter 8, Section 13.

10.4.14 Withdrawal of Student from Institution During Ongoing Investigations, Hearings, and Appeals
In the event a student against whom disciplinary proceedings have been commenced pursuant to this Chapter 10 of the Nevada System of Higher Education Code withdraws from the institution prior to the completion of any investigation, hearing or appeal commenced before receipt of the withdrawal, then:

a. The withdrawal shall be effective immediately. Unless otherwise mandated by law, the person submitting the withdrawal shall not be permitted to revoke the resignation under any circumstances.
b. The pending investigation, hearing, or appeal shall immediately cease.
c. In cases involving gender discrimination or sexual harassment, the Title IX coordinator shall take appropriate action, which may include completing the investigation to the extent reasonably practicable, in order to prevent the reoccurrence of and to remedy the effects of the alleged misconduct.
d. The facts and circumstances of the charge(s) may be cause for denial of readmission, denial of an application of employment, or denial of work as an independent contractor.

If you have any questions about the NSHE Great Basin College Rules and Disciplinary Procedures for Members of the University Community, please contact the Student Conduct Officer: Jake Rivera, Vice President for Student and Academic Affairs/Title IX Coordinator who also serves as the Student Conduct Officer, GBC Elko Campus, Room 159, 775.327.2116, jake.hinton-rivera@gbcnv.edu.

GBC Complaint, Investigation Procedures, Remedies, and Interim Measures, Resolution

Complaint and Investigation Procedures
At Great Basin College, individuals designated to receive complaints of discrimination and sexual

harassment are the Title IX Coordinator Jake Rivera and the Affirmative Action Officer Sonja Sibert. When Security and/or any other employee receives a complaint of alleged discrimination or sexual harassment, or observes or becomes aware of conduct that may constitute discrimination or sexual harassment, they must immediately contact one of the individuals listed above. Title IX complaints must immediately be provided to the Title IX Coordinator.

Both the individual filing the complaint (complainant) and the individual against whom a complaint of alleged discrimination is filed (respondent) shall have the opportunity to select an independent advisor for assistance, support, and advice, and both are notified.

An investigation is initiated to gather information about the incident. The Title IX Coordinator Jake Rivera has been nationally certified by atlXa. President Joyce Helens is the final decision-making authority for all allegations. As an institution, we will take prompt, effective action to end the harassment; remedy the effects; and take action to reasonably prevent the recurrence and do so in a prompt, equitable, and effective manner.

Guidelines provide the respondent with information as to the nature of the complaint. The complainant and the respondent have equal rights to be interviewed, identify witnesses, and provide documentation pertaining to the complaint. In most cases, an investigation should be completed within 60 calendar days of receipt of the complaint.

It may be necessary or advisable to take actions designed to minimize the chance that the respondent will either continue to harass or retaliate against the complainant and to provide additional support to the complainant. Such actions may also be necessary or advisable on behalf of a respondent. The measures themselves must not amount to retaliation against the complainant or the respondent. Any interim measures or final remedies shall be monitored by the Title IX Coordinator throughout the entire process to assess whether the interim measures or final remedies meet the goals of preventing ongoing harassment or discrimination, protecting the safety of the parties, and preventing retaliatory conduct.

Remedies and interim measures for both students and employees may include:
No contact directive; providing an effective escort to ensure safe movement between classes, activities, workplace, and parking lots; moving to a different residence hall; transfer to a different area/department; providing information regarding institutional and community services including but not limited to, medical counseling, Employee Assistance Program, tutoring, etc.

Confidentiality is important, however, it cannot be guaranteed. GBC employees will respect the privacy of the complainant and the respondent to the extent reasonably possible and will maintain confidentiality to the greatest extent possible. Examples of situations where confidentiality cannot be maintained include, but are not limited to, necessary disclosures during an investigation, circumstances where we are required by law to disclose information (such as in response to a legal process) or, when an individual is in harm's way.

Because GBC does not have designated personal counselors, a complainant may be encouraged to speak with outside professional counselors, pastoral counselors, or under Nevada law other professionals who may maintain confidentiality, e.g., doctors, social workers, victim advocates, etc.

When a complainant requests confidentiality from the institution, or requests that no action be taken, or disciplinary action be taken, the institution will weigh that request against the institution's obligation to provide a safe, non-discriminatory environment for all. If the institution honors the request, the complainant will be informed that this limits the institution's ability to investigate and take possible disciplinary action. Once the investigation is complete, there may be the possibility of an informal resolution or a hearing if the informal resolution fails. The complainant may choose not to permit the matter to be resolved by the informal resolution process (if sexual assault is alleged, the informal resolution process may not be used). Or, if the informal resolution process is used, it may be terminated at any time prior to a written determination being signed.

Complete details of this process and sanctions may be found at https://www.gbcnv.edu/rights_responsibilities/and www.gbcnv.edu/security/.

Crime of Violence Exception to FERPA

When discriminatory conduct or sexual harassment involves a crime of violence or a non-forcible sex offensive, FERPA permits the institution to disclose in accordance with the Jeanne Clery Disclosure of Campus Security Police and Campus Crime Statistics Act, 20 U.S.C. §1092 (f). 34 CFR 668.46 (Clery Act).

Unlawful Harassment

Unlawful harassment involves conduct (discrimination) aimed at any legally protected category; a person's age, disability (including service-connected disabilities), gender (including pregnancy-related conditions), military status or

military obligations, sexual orientation, gender identity or expression, genetic information, national origin, race, or religion.

Bullying and Cyber-Bullying

Bullying in Nevada law is defined, under NRS 388.122 as a willful act or course of conduct on the part of one or more students which is not authorized by law and which exposes a student repeatedly and over time to one or more negative actions which are highly offensive to a reasonable person and are intended to cause and actually causes the student to suffer harm or serious emotional distress.

Under Nevada law, NRS 388.123 defines cyber-bullying as bullying through the use of electronic communication. Bullying and cyber-bullying fosters a climate of fear and disrespect that can seriously impair the physical and psychological health of its victims and create conditions that negatively affect learning, thereby undermining the ability of students to achieve their full potential (U.S. Dept. of Education).

Bullying and cyber-bullying violations may cause a hostile environment. They often include comments about race, color, national origin, sex, sexual orientation, or disability.

At Great Basin College, bullying and cyber-bullying, like any other hate crime, should be reported by students or employees immediately. Anyone who is a victim or is aware of bullying or cyber-bullying against another should report the situation to the Center Director, the Director of Environmental Health, Safety, and Security at 775.327.2354 or the Office of the Vice President for Student Affairs 775.327.2116.

Hazing

In accordance with, NSHE Code, Title 2, Chapter 10, Section 10.2.1(aa), hazing is defined as any method of initiation into or affiliation with the university, college, or community college community, a student organization, a sports team, an academic association, or other group engaged in by an individual that intentionally or recklessly endangers another individual. Hazing has no place within a community of scholars.

NSHE institutions advocate civility in society and an adherence to the fundamental principles of honesty, integrity, respect, fairness, development of individual character, and sensitivity to the dignity of all persons. These principles should be fostered and nurtured in a broad spectrum of activities that yield social, intellectual, and physical benefits.

Hazing activities may include, but are not limited to:

- Any physical activity, such as whipping, beating, branding, forced calisthenics, exposure to the elements, forced consumption of food, liquor, drugs, or other substance, or any other brutal treatment or other forced physical activity that is likely to adversely affect the physical health of the person;
- Any situation which subjects the individual to extreme stress, such as sleep deprivation, forced exclusion from social contact, required participation in public stunts, or forced conduct which produces pain, physical discomfort, or adversely affects the mental health or dignity of an individual; and
- Any expectations or commands that force individuals to engage in an illegal act and/or willful destruction or removal of public or private property.

Hazing of any nature is unacceptable at any public institution of higher education in the State of Nevada. For more information and reporting procedure, call 775.327.2116.

Hate Crime Policy

A hate crime is defined in Nevada law as a crime listed under NRS 193.1675 or NRS 207.185 against another person who is motivated by virtue of the victim's actual or perceived race, color, religion, national origin, physical or mental disability, or sexual orientation. Hate crimes are particularly repugnant to the mission of the Nevada System of Education (NSHE) and detrimental to the responsibility of NSHE to provide a safe environment for education, research, and service for the NSHE community. In order to ensure that all institutions of NSHE are prepared to respond to hate crimes that may be committed on its campuses, each institution must adopt a policy and procedure regarding hate crimes. The policy and procedure must include the manner by which the institution or its police services will prevent, respond to and investigate hate crimes. (NSHE Title 4 Chapter 1, Section 32).

At Great Basin College, hate crimes—like any other crime—should be reported by students or employees immediately. If a person is in immediate danger, the police or sheriff should be called immediately. On the Elko campus security staff should be notified (775.934-4923), and at the centers, the Director should be notified as soon as possible. In all cases, the Vice President for Student and Academic Affairs must be notified when it is safe to do so. The safety and security website provides directions on how and when to report a crime including calling 911 to contact the police department or county sheriff in order to file a criminal report. It is the policy of the Great Basin College security department that all major crimes

including hate crimes should be reported to the local police department to file a complaint.

Bystander Intervention

Speak up! Take action to stop behavior that may be dangerous!

Everyone is a bystander—students, faculty, staff, friends, family, etc. You are a bystander if you observe sexual harassment/sexual violence.

What should a bystander do?

- Take action. Offer help.

Before you go out, plan to stop the behavior:

- It's On Us website: http://itsonus.org/
- Free App Circle of 6: www.circleof6app.com

Intervene to stop the behavior as it is occurring:

- Note how much alcohol or drugs they may have consumed.
- Ask the victim if they are okay.
- Get the victim out of the situation—offer a safe ride home; tell them someone is looking for them.
- Don't leave without making sure they are in a safe place.

Not comfortable intervening? Don't walk away. Call, text, or ask someone you trust to help!

Campus Security Act

Campus Security Policies and Campus Crime Statistics Act

In compliance with the crime awareness provisions of the Campus Security Act of 1990 including amendments through 2018, each year in October, Great Basin College files a crime and fire safety report with the U. S. Department of Education. This report may be reviewed by anyone seeking this information at the following website: www.gbcnv.edu/security/crime.html.

GBC regularly updates the following: campus safety and security procedures, emergency procedures, yearly security reports, hate crime policy, timely warning procedures, crime reporting procedures, and disclosure of all safety and security policies and procedures. All updates, policies, and procedures may be reviewed by emailing the Security Officer Supervisor, joseph.micke@gbcnv.edu .

Yearly by October 1st, the Great Basin College Safety and Security Department issues the annual security and fire safety report. This report is available on the campus website at http://www.gbcnv.edu/security/securitypolicy.html

Print copies are available at the offices of the Center Directors, the Vice President and President's offices, the Great Basin College library, and the office of Safety and Security. Individuals may obtain a copy via email request to the Security Office at joseph.micke@gbcnv.edu.

Great Basin College uses a timely warning early alert system in partnership with the Omnilert service. This system provides the ability for all students, faculty, and staff to receive notice of campus closures or emergencies on their cell phones and via email. In order for this system to provide warnings during an emergency, all members of the campus community must maintain updated email and cell phone listings in the student PeopleSoft system and the human resources Workday system. All timely warnings are also posted on the front of the website at www.gbcnv.edu.

Any student, faculty, staff or member of the campus community witnessing criminal actions or emergencies should call 911 immediately. Members of the campus community who believe they may know of criminal activities or violations of campus policies are encouraged to report the information to the Great Basin College Elko Campus Security Department 775.327.2354, your Center Director, or the Vice President for Student and Academic Affairs 775.327.2116. Students downloading the safety app may text Security directly. The safety app address is www.gbcnv.edu/security/safetyapp.html.

Sex Offender Notification

As a student registered for class or an employee of Great Basin College, you are hereby notified that this college does comply with the Campus Sex Crimes Prevention Act, effective October 27, 2002.

Section 1601 of Public Law 106-386 requires all offenders who are required to register pursuant to state law to provide notice as required under state law of each institution of higher education at which the person is employed, carries on a vocation, or is a student and of each change in enrollment or employment status of such person at an institution of higher education in the state.

Offenders who are enrolled or expect to become enrolled as students as defined by Nevada Revised Statutes (NRS) 179D.110, and workers as defined by NRS 179D.120 on any Great Basin College campus or in online instruction must comply with the registration requirements of NRS Chapter 179D.460. Offenders must complete a sex offender registration with University Police Services. Offender registration can be scheduled with University Police Services/security personnel at 775.934-4923 or richard.gruber@gbcnv.edu. Failure to do so may result in legal and disciplinary sanctions

Great Basin College and our local community police agencies work together to ensure the safety of all

members of the college community by providing notification to members of the campus community under the requirements of Megan's Law. Each semester the Director of Environmental Health, Safety, and Security reviews the listing of registered sex offenders in each GBC community (Battle Mountain, Elko, Ely, Pahrump, and Winnemucca) to verify all notifications are current. Inquiries regarding registered sex offenders on the Elko campus and at GBC centers should be referred to the University Police Services at 775.784.4013 or at richard.gruber@gbcnv.edu or the Vice President for Business Affairs at sonja.sibert@gbcnv.edu. Please refer to the Campus Security website www.gbcnv.edu/security for additional information. Registered sex offenders are cited in the following: http://www.gbcnv.edu/security/offender.html.

Mandatory Reporting

Great Basin College is committed to maintaining a supportive and safe educational environment, one which seeks to enhance the well-being of all members of the GBC community, which includes creating a secure environment for children who may participate in GBC programs or activities or be present at GBC facilities or events. The GBC procedures for the protection of children are intended for the protection of all children who participate in GBC events or activities for children, or who are GBC students. Great Basin College performs due diligence by requiring a comprehensive background check for all new employees hired into administrative and teaching faculty positions and current administrative and teaching faculty who through the normal course of their employment work in a level 2 children's program. The State of Nevada requires that all new classified employees have a background check post offer. The full mandatory reporting and child protection policy is available for review at the policy and procedures website section 4.27. https://www.gbcnv.edu/administration/policies.html.

If any person—faculty, staff, student, or member of the campus community—has knowledge of a child (anyone under the age of 18 years) who appears to be the victim of abuse or neglect that has occurred at a GBC facility or during GBC programs or activities, the Center Director or University Police Services should be notified immediately. Once the Director has determined the basic facts of the situation, they will notify the Vice President for Student and Academic Affairs, the Vice President for Business Affairs, and the President. Notification must be made to the local police agency or the Division of Child and Family Services as soon as reasonably practicable but not later than twenty-four (24) hours after the person knows or has reasonable cause to believe that the child has been abused or neglected (NRS 432B.220,l, (b). NSHE Title 4, Chapter 22, Section 4.

If the situation is not immediately reconcilable, on the Elko campus, reports should be made to a Security Officer, University Police Services, or Vice President for Business Affairs. Concerns for all centers should be reported to the Center Director.

Children on Campus

Children are not allowed in classrooms, labs areas, or access areas. GBC is committed to providing a place of instruction that is conducive to learning and that is, to the greatest extent possible, free from distractions. Only enrolled students should be present in classrooms, field trips, fitness center(s) and lab facilities—as stated in the Student Services Policies and Procedures, Chapter 6, Part 10.6. This policy may have an exception if a class specifically designed for children is held on campus.

Smoke Free GBC

Great Basin College has made an academic commitment to wellness. Part of that commitment is manifest in our compliance with the Nevada System of Higher Education and State of Nevada policy prohibiting smoking inside any building owned or leased by the State of Nevada or GBC/NSHE. State law prohibits smoking in public buildings. (NRS 202.2491).

Smoking is prohibited in, near, or adjacent to any entrance or exit of any public building. The no-smoking zone is a minimum of 30 feet, and a smoking location must be far enough away from the entrance or exit of any public building so that no smoke will drift or travel into the building or be smelled by any person entering or exiting the building. Authorized smoking locations must be outdoors in an area that is safe and free from any hazardous chemicals, materials, or conditions. (Nevada State Employee Handbook, revised July 2014) Smokers may also choose to use a sheltered area such as the one to the side of McMullen Hall on the Elko campus.

Respect for non-smokers must include common courtesy. Great Basin College has determined that the use of tobacco alternative smoking items such as natural cigarettes, electronic cigarettes (e-cigarettes), vape pens, hookah pipes, hookah pens, or illegal substances will be included within the no smoking policy.

Missing Student Notification Policy

Great Basin College is committed to the safety and security of all students attending each campus and center. A student will be determined to be missing if they are absent from their GBC college residence, campus, or center for more than twenty-four (24) hours without any known reason. This policy has been developed in order to assist in locating any student determined by the college to be missing upon completion of the investigative

procedures listed below. The policy complies with Section 488 of the Higher Education Act of 2008.

Anyone who believes a student is missing should report their concern immediately. On the Elko campus, reports should be made to the University Police Services, a Security Officer, the Housing Coordinator, or the Vice President for Student and Academic Affairs. Concerns at all centers should be reported to the Center Director, the University Police Services, or the Vice President for Student and Academic Affairs. Upon receipt of a report of concern that a student may be missing, if the report was not directly to them, both the Vice President for Student and Academic Affairs and the University Police Services shall be notified so an investigation may be conducted in accordance with Great Basin College policies and procedures.

The University Police Services will immediately begin an investigation into the report of a missing student. The investigation will include:

- Inspection of the student's residence if they live in on-campus housing.
- Attempts to contact the student via any known cell or home numbers.
- The student will be sent an email to contact the college immediately.
- If a dorm resident, interviews of the student's resident advisor, roommate(s), and friends will be conducted to see if they may be aware of the student's activities, location, or plans.
- The student's class schedule will be reviewed, and a Security Officer will meet with each class to determine if the student attends or if anyone in the class may know their whereabouts.
- Instructors will be contacted to attempt to determine when the last class attendance or web campus entry occurred.
- If the student has a vehicle registered with the housing coordinator, or friends can identify it, Security will search all college properties for the vehicle.

All results of the investigation will be reported to the Vice President for Student and Academic Affairs (VPSAA). Upon completion of the investigation, if the location of the missing student has not been determined and the student has been missing 24 hours or if there appears to be a reason to believe foul play has occurred, the VPSAA will authorize a report being filed with the local police agency. The VPSAA or their designee will notify the individual listed as emergency contact. "If a student is under 18 years of age, and not an emancipated individual, the institution is to immediately contact the custodial parent or legal guardian of such student" [cited from Section 488 (j)(l)(A)(i)(II)].

Student Photo ID Cards

Great Basin College student photo ID cards are strongly recommended and are available at the Elko campus and all centers. Student ID cards provide photo ID information during a possible emergency situation including assisting with the missing student policy. Student IDs also provide access to those events sponsored by student government that may be free to those with a current student ID. In Elko contact Media Services in Lundberg Hall or call 775-327-2149; at all Great Basin College centers, contact your front desk staff.

Assistance with Substance Abuse

Great Basin College has joined other colleges and universities across the nation in encouraging the elimination of alcohol and other drug abuse on our campuses and in our communities.

While the majority of adults who drink do so in an acceptable and responsible adult manner, there is a substantial number who misuse and abuse alcohol with resulting problems in health, academic and vocational performance, social and personal relationships, and financial and legal matters. We at GBC value your right to make your own choice. As with any privilege, there is a responsibility. To those choosing to drink alcoholic beverages comes the duty of doing so in a manner that is consistent with the laws of the state and community norms, and with respect for the rights of others.

As part of the Drug-Free Schools and Communities Act, campuses are asked to provide students with information on campus rules and regulations pertaining to alcohol and other drugs, the health and social effects, legal sanctions, and counseling and treatment programs available.

Alcohol and Drugs

Standards of Conduct

The Board of Regents Handbook, Title 4, Chapter 20, Section 4, states the NSHE's alcoholic beverage policy. It governs storage, possession, and use of alcoholic beverages by people of legal age. It also mandates disciplinary action against "any student who exhibits offensive behavior on university-owned or supervised property while under the influence of alcoholic beverages." Use and possession of alcohol and drugs are addressed in the Student Code of Conduct.
You must have the written permission of the President in order to have alcohol served at any GBC location or event.

Legal Sanctions

Legal sanctions are governed by the Nevada Revised Statutes. Such sanctions result from a police report filed

with the district attorney's office. Legal action may take place concurrently with campus disciplinary action. For additional information, please contact 775.327.2354.

Medical Marijuana

Use, possession, manufacturing, or distribution (hereinafter use) of marijuana (including for medical purposes), heroin, narcotics, or other controlled substances; use or possession of any illegal and/or unauthorized drugs, prescription drugs, and drug paraphernalia; or being under the influence of illegal drugs except as expressly permitted by law is prohibited. Use, possession, or cultivation of marijuana (including for medical purposes) on any NSHE or NSHE foundation-owned or leased property, or at any NSHE sponsored or authorized activity is expressly prohibited. Board of Regents CODE, Title 2, Chapter 10, 10.2.1(t)

Use of College Facilities

GBC's facilities, including campus grounds, are provided for the support of the regular educational functions of the college and the activities necessary for the support of these functions. College functions take precedence over other activities. Sometimes community groups not affiliated with GBC conduct workshops and seminars in college facilities. If you want to reserve a meeting room, please complete the room request form online at https://www.gbcnv.edu/community.html. For additional information, please contact the facilities scheduler at 775.327.2228 or your center administrative office.

College facilities may be used by private organizations (non-NSHE groups) subject to availability, an administrative fee, and proof of liability insurance. Before the institution approves the use of a GBC facility by any outside person or entity (applicant), the applicant shall state, in writing, whether or not the program or activity is a children's program and the level of the children's program, as defined in the policy. If it is a children's program, GBC shall provide a copy of this procedure and the NSHE policy regarding the protection of children and the applicant shall state in writing the person or entity's procedures for the protection of children. The Vice President for Business Affairs shall review the information provided and may deny the applicant the use of a GBC facility if the policies or procedures are inadequate. No approval of any room use request will be issued until after the Vice President for business affairs or designee has reviewed all documents.

Public Forum

Public expression in the form of freedom of speech and advocacy may be exercised on Great Basin College properties in the spirit of open discussion and the freedom of expression to exercise each person's constitutionally protected rights.

Protection of this right, while not interfering with the college mission as an educational institution, makes it imperative that all persons agree to comply with Nevada System of Higher Education (NSHE) and Great Basin College policies and procedures when exercising their rights. Freedom of speech should not interfere with the rights of others, including the institution, to hold and attend regularly scheduled classes (live, online, web campus, or mixed media based) events, field trips, ceremonies, use of and travel through parking and access areas, access and use of legally rented residence facilities, or prevent the ingress and egress to and from all buildings. This includes allowing a group who has reserved a room or space the ability to use that space and allowing a speaker, event, or performer to be seen and heard by the audience.

Great Basin College will permit persons exercising their rights to use college facilities as long as the use is preapproved at a designated location. Arrangements for amplified sound must also be made in advance. Approvals will be based on the understanding that the noise level will not interfere with classes, other campus events, and normal campus operations.

Approval will be withdrawn if the exercise of freedom of speech interferes with the mission of the college; the college receives complaints from the surrounding neighborhoods; or the actions of those persons involved cause an imminent health or safety hazard.

To request approval please contact the Environmental Health, Safety, and Security at 775.934.4923 or email at campus.security@gbcnv.edu.

Bulletin Board Posting

All procedures and rules pertaining to posters, banners, and distribution of materials on campus will be fairly, equally, and consistently enforced, regardless of the nature of the sponsoring group or individual or the philosophy being expressed. A decision to deny or halt the display or distribution of material shall be made assessed on the manner of distribution/display, not on the content of the materials. All materials must be approved by the

GBC Center Director, or, in Elko, media services (located in Lundberg Hall) and must be dated and stamped prior to posting.

Disability Resource Center

Great Basin College is committed to providing equal educational opportunities to qualified students with disabilities in accordance with state and federal laws and regulations, including the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973.

A qualified student must furnish current verification of disability. The Disability Resource Center, located in the Leonard Center for Student Life, will assist qualified students with disabilities in securing the appropriate and reasonable accommodations.

Great Basin College asks that each student requesting services submit documentation of the presence of a disability and documentation that supports the need for requested accommodations. However, it is our goal to ensure that the burden of providing documentation of a disability not be unnecessarily burdensome or unnecessarily discourage individuals with disabilities from establishing the need for a reasonable accommodation. The Student Disability Services Coordinator will assist qualified students with disabilities in securing the appropriate and reasonable accommodations, auxiliary aids, and services. For more information or further assistance, please call 775.327.2336.

Students who wish to review the entire GBC reasonable accommodation policy and the process for requesting a reasonable accommodation can access this information on the GBC website at www.gbcnv.edu/disabilities/. The GBC service animal policy and the emotional support animal policy and agreement, applicable to the GBC student housing program, can also be found on this web page.

Dual enrollment students (students enrolled concurrently in high school and GBC college courses) should note that IEPs and 504 accommodations are not transferred directly from the high school to the college classroom. High school students are advised to submit a current IEP and documentation or report from the school psychologist to the GBC Disability Resource Center along with a request/intake for accommodations form. All documentation submitted by dual enrollment students will be evaluated based on the GBC reasonable accommodation policy.

Safety Services

If you study late or leave evening classes, it is a good idea to walk with friends and classmates. There is always more safety in groups than a single person walking at night alone. If you feel uncomfortable and would like an escort to your vehicle or dorm room, please feel free to contact your faculty member, the Center Director, or, in Elko, the security department at 775.934.4923. If you have concerns, please contact the Center Director or the Environmental Health, Safety, and Security Department or Vice President for Student and Academic Affairs to discuss the situation.

Circle of Six is a free app available to help students have immediate contact with friends and family to help with their safety. Please view the app at http://www.circleof6app.com/. This app permits you to preload six friends and family to your cell so if you need help you can hit one button and it will send a message to all six at once. Every student should download the GBC Safety app www.gbcnv.edu/security/safetyapp.html

When You Need an Official Transcript

An official transcript is your official grade report. It is signed by the Director of Enrollment Services. Great Basin College has authorized the National Student Clearinghouse to provide transcript ordering via the web. If you want a copy of your transcript for yourself or to be mailed to another school or a prospective employer, you may order a transcript online by visiting www.gbcnv.edu/academics/gbctranscript.html and click on the Clearinghouse transcript ordering page link.

Telephone requests will not be accepted. Transcript requests must be placed well in advance of the date needed to ensure adequate time for processing. During peak registration periods in August and January, 10 to 15 working days are required. GBC reserves the right to withhold transcripts if you have outstanding financial obligations.

Unofficial Transcripts

Unofficial transcripts can be obtained through your MyGBC in the Academics section of your Student Center. If you need assistance contact the Admissions and Records Department at 775.327.2059.

Degree Audits

It is possible to obtain an automated degree audit or what-if report (WHIF) that reflects progress toward completion of a degree requirement and suggests courses that may be selected in order to complete degree requirements. By comparing completed coursework (including transfer and in-progress courses) with program requirements, this report can give a summary of timely information about progress toward meeting degree requirements. The student's advisement report can be obtained by clicking on MyGBC on the GBC web page (www.gbcnv.edu). Once you log into MyGBC, click on Student Center, then Academics, Academic Requirements, and then View my Advisement Report. Contact the admissions and records

office at 775.327.2059 for more information. Advisement reports should always be combined with a meeting with an academic advisor.

Admission Advising and Career Center

The Admission Advising and Career Center, located in Berg Hall, offers a wide range of services for current and prospective students, and it should be the first stop for new students. The Center operates with the philosophy that the career and academic decision-making process is one that emerges over time, shaped by one's own experiences, interests, and values.

Academic Advisors are available to assist students with identifying, planning, and achieving educational and personal goals. It is recommended that students meet with their academic advisor each semester to complete the following:

- Create an educational plan
- Register for courses
- Assess graduation requirements
- Receive assistance with navigating college tools and resources

Students are encouraged to begin early to explore career options through academic pursuits. The principal goal of the center is to provide support services so that students may become more effective in dealing with concerns that influence their pursuit of academic goals. Students may receive assistance regarding academic advisement, orientation, and study skills. Information is also available on all two- and four-year colleges and universities in the United States. For more information call 775.327.2068.

Student Financial Services

Tuition planning is available to assist students with various options to help finance their college education, including deferring payments, scholarships, loans, and grants, as well as assistance with completion of the Free Application for Federal Student Aid (FAFSA). For more information contact 775.327.2095.

Student Employment Services

Student employment services, located in the Student Financial Services, offers employment referrals and job search training for Great Basin College students and graduates seeking employment. The service works closely with prospective employers to develop jobs for students as they graduate and to accommodate the wide variety of student schedules. All employment assistance is provided on an individual basis to meet personal needs. Up-to-date listings of job opportunities are posted for both on- and off-campus employment opportunities on bulletin boards located in Berg Hall. Job listings are also posted at www.gbcnv.edu/career/job_opportunities.html

Distance Education

Great Basin College offers many distance education courses for those who are unable to enroll in traditional, face-to-face classes due to work, family, location, or any other reason. Distance education is generally defined as a course that is time and/or distance independent, meaning that the students and instructor don't meet at the same time or even in the same place. Generally, students do most of their coursework at home or office, at a time of the day or night that fits their schedule. Distance education courses may be delivered in a variety of methods including interactive video, internet, internet enhanced, and LiveNet.

Interactive video (IAV) courses are broadcast, allowing students in two or more locations to interact over live television with a single instructor from another location.

Internet (WebCampus) courses are the most popular type of distance education and are often referred to as asynchronous, meaning that students and faculty don't have to be on the Internet at the same time. Internet courses require students to use a computer with internet access to retrieve and send their coursework to the instructor. Students are expected to do most of their work on a computer and to communicate with faculty and other students through the computer. Some Internet courses, particularly math classes, require testing at an approved testing location.

Internet-enhanced courses use an Internet-based classroom to do all or some of the following: exchange or hand in documents, take tests, and communicate with the instructor and other students. Students must have access to a recent version of FireFox, Google Chrome, or Safari. Students may use computers at home, any GBC campus computer, or a local library to access internet course material.

LiveNet courses feature instructors and students meeting through the internet at a specific time for course discussions using a microphone headset. Students may participate in course discussion on their computer at home or from a Great Basin College computer lab. A 56K or higher Internet connection is required; DSL or cable modem is highly recommended.

Distance education courses at GBC follow the same course outline, have the same learning outcomes, and require the same academic rigor as traditional face-to-face courses. They are a means of accessing college courses for those who would not otherwise be able to due to the remoteness of their home or work/family schedule. Visit www.gbcnv.edu/distance for a short

questionnaire to determine if you are a good candidate for distance education, or call 775.327.2185.

Self-Directed Learning

In addition to our distance learning program, GBC has two types of self-directed learning available: self-paced courses and independent study. For more information, consult your academic advisor and the Fall and Spring class schedules.

The GBC Library

Study and browse in the friendly atmosphere of the college library. The library collections include over 100,000 books, videos, and maps. Government information is provided through the Federal Depository System and includes print, microfiche, and electronic products. Most items are often available online as well. Electronic subscriptions provide over 10,000 journal titles with tens of thousands of full text articles. The online catalog and the electronic databases are available to students throughout the service area. The library has inviting student study space, an electronic classroom for library instruction, a quiet reading room, and a fireplace conversation/reading area. Public computers are internet accessible, and the building also has wi-fi access.

Distance education students may obtain a library card through the library web page at www.gbcnv.edu/library. Choose the heading Library Card, fill out application, and click submit.

For more information about InterLibrary Loans, click on the heading InterLibrary Loans on the library homepage, or contact the library at 775.327.2122 during posted library hours.

Library hours of operation are posted on the library website.

Academic Computing

The goal of academic computing at GBC is to provide the best possible environment for computer training—meeting the needs of students, faculty, staff, and the community. Academic computing focuses on support for delivery of instruction and training.

Computing facilities on the Elko campus include eight computing labs, one located in Lundberg Hall, one in the Greenhaw Technical Arts Building, and six labs in the High Tech Center—five teaching labs and one open computer lab. Students enrolled in office technology, graphic design, drafting, desktop publishing, and a host of other courses will find well-equipped labs staffed with qualified lab assistants ready to help with the use of software and additional resources. Open laboratory hours are posted each semester based on class schedules. Computer labs are also available in Battle Mountain, Ely, Wells, Pahrump, and Winnemucca.

Computers at GBC are also connected through a local area network to the Internet, the world's computer data highway. Students have the opportunity to use the resources of this network from any of the labs, and a number of classes are offered that help students use these resources effectively.

In addition, faculty and staff are connected to the local area network through their offices. Instructors make use of electronic mail for communication with students and may collect and send homework assignments through the network. Students may use GBC's open computer lab to access GBC's WebCampus (online) courses.

Computer Lab Policies for Establishing an Account
Policies and procedures for all GBC computer labs are as follows:

Students enrolled in a course requiring a computer lab fee must pay the fee at the time the course registration fee is paid.

Open Computer Lab
The Elko High Tech Center's hours are posted in the building and may vary from semester to semester.

Open computer labs are available at the Ely, Battle Mountain, Pahrump, and Winnemucca centers. Days and times are posted at these locations.

Student Email Accounts
For assistance with creating your student email please contact the help desk at 775-327-2170.

Academic Success Center (ASC)

The Academic Success Center in the Diekhans Center for Industrial Technology building provides students with free tutoring services in mathematics, science, English, writing, accounting, economics, and foreign languages. In addition, the center has a full-service computer lab with access to the internet and library databases. Tutors are available to assist students with basic computer skills such as word processing, accessing the Internet, or accessing a WebCampus course site. Students can walk in to the center for help or make an appointment by calling 775.327.2275.

The ASC is especially helpful for students who have been out of school for a while or who just need extra help in a challenging course. Students taking developmental English courses are required to use the ASC. Operating hours for the ASC are posted on their website each semester.

GBC's Adult Learning Centers

GBC's Adult Learning Centers in Battle Mountain, Elko, Owyhee, Pahrump, West Wendover, and Winnemucca help people in their respective communities to improve basic skills. Free classes are offered to adults who are 18 years of age or older and who have an interest in improving their reading, writing, mathematics, and English skills. English as a Second Language is also addressed in all of these learning centers. Students may study for their own personal satisfaction, to improve their daily survival skills, or simply to be able to read to their children and grandchildren. Students can also improve their job-related skills through small groups and individualized tutoring. Individualized learning materials, tapes, videos, and computer-assisted instruction help students learn or re-learn at their own speed.

The Adult Learning Centers in Elko, Winnemucca, and Owyhee are also the focal point for High School Equivalency (HSE) test preparation and for the Adult High School Diploma Program, which the college supports in cooperation with local county school districts. See page 28 for test information. Centers are housed at the following locations:

Elko: 1020 Elm Street,
Owyhee: Community Education Center, 300 College Ave.
Pahrump: 551 E. Calvada Blvd.
West Wendover: 21st Century Program, 2000 Elko Avenue
Winnemucca Center: 5490 Kluncy Canyon Road

All centers offer flexible programs with morning and evening hours to accommodate the students' varying work schedules. These free programs are funded by a grant from the U.S. Department of Education and the State of Nevada.

GBC, in administering these programs, delivers educational opportunities to all interested persons in rural Nevada. For more information call the ABE Director at 775.327.2357.

English as a Second Language

English as a Second Language instruction is offered in all locations listed under the Adult Learning Centers. For more information about ESL programs call the ABE Director at 775.327.2357.

Classes for Business and Industry

Great Basin College offers customized training to meet local business and industry workforce development needs. The college offers practical training to improve skills, increase productivity, promote safety, and encourage the application of new technologies in the workplace. GBC's highly qualified and dedicated instructors have forged special relationships with business and industry to provide comprehensive training for employees. The college schedules short, intense, and focused customized contract training at flexible times with some classes held on the job site.

Customized training and professional development courses for business and industry include Microsoft Office applications such as Project, Excel, Word, PowerPoint, Access, and Visual Basic. Web page design and email etiquette workshops are available as well as courses in technical reading, effective business writing, customer service training, CPR and first aid certification, and occupational Spanish.

In recent years, technical arts and industrial maintenance technology short courses have been presented at many mine sites.

The diesel technology program, a grant recipient of Caterpillar, Inc., and Cashman Equipment, provides specialized training on Caterpillar and other major equipment. The welding department provides American Welding Society (AWS) certification and specialized testing.

Large and small businesses and government agencies seeking help with workplace training should call one of the following:

GBC Continuing Education..... 775.327.5300
GBC Career and Technical Education..... 775.327.2286
775.327.2287

The GBC Foundation

Great Basin College Foundation is the fundraising arm of Great Basin College. An independent, non-profit corporation, the Foundation is empowered to receive gifts, bequests, and endowments.

The Foundation, with its focus on private support, is committed to providing funding for programs, facilities, and scholarships for higher education that will strengthen the value of living in rural Nevada.

The Foundation Board of Trustees is made up of dedicated individuals with inspirational visions of Great Basin College and its service area. Together with the Foundation Director and the College President, they oversee fund-raising in annual and planned giving and major gift initiatives. While certain tax advantages may exist for qualified giving, the real work of the Foundation is in cultivating and promoting the ideas of our community members. We value innovation and the advancement of our college and our community more than anything.

The Foundation will be pleased to assist individuals and organizations with their charitable giving. The office is located at 1025 Chilton Circle on the Elko campus. For

more information call 775.327.2369 / 775.327.2382, or visit the website at www.gbcnv.edu/foundation.

Fitness Center

The fitness center is available to enhance your health and fitness while attending Great Basin College. A variety of fitness classes are offered such as body conditioning and contouring, karate, kickboxing, pilates, rock climbing, tai chi, yoga, Zumba, and open work-out/membership for individual fitness utilizing our workout room. Sign up for an exercise class to complement your educational experience so that you can be successful in whatever career you choose to study. To enroll in classes or sign-up call 775.327.2341 or go to https://www.gbcnv.edu/fitness/.

Information for Veteran Education Programs

Great Basin College participates in veteran education programs. The determination of eligibility for use of VA educational benefits rests with the Department of Veteran Affairs (VA). The veteran certifying official assists veterans and/or their eligible dependents to access their benefits. Students who want to use VA education benefits must submit a request for certification form to the campus Veteran Affairs school certifying official (SCO) for each term they wish to be certified. It is recommended that students complete the request for certification form 30 days before the semester begins to ensure the SCO has enough time to verify enrolled classes are applicable to the chosen degree and certify the information to the VA. Students using VA education benefits must notify the SCO immediately of any changes to their semester schedule or chosen degree. Students receiving VA education benefits are required to declare a degree objective, and payments will be awarded only for credits applicable to that degree. Should credits be certified and the student fails to complete the courses, repayment of funds may be required. For remedial courses to be considered as part of the student's total enrollment, the student must take the placement test and enroll in a live class. All prior credit must be sent in and evaluated by GBC's admissions and records office. Students may request their military transcripts be sent to GBC by accessing the Joint Service Transcript website at https://jst.doded.mil/

Great Basin College does not penalize students using VA education benefit programs under Chapters 33 and 31 while awaiting payment from the Department of Veterans Affairs providing they submit a certificate of eligibility, a written request to use such entitlement, and any additional information needed to certify enrollment. Students will continue to have access to classes, libraries, and other institutional facilities as outlined available in our catalog. No late fees will be assessed, and student accounts will be considered on hold. Title 38 USC 3679 (e).

Veterans' Standard Progress

All students using VA education benefits will be required to maintain satisfactory academic progress (SAP) requirements to continue to receive VA education benefits. In order to meet SAP, students must maintain a minimum cumulative, term GPA of 2.0, and successfully complete a minimum of 50% of the courses attempted. Failure to do so will result in the student being placed on warning. While on warning, the student may continue to receive VA education benefits without restrictions; however the student must maintain a 2.0 term GPA and complete 50% of all courses attempted. Failure to meet the SAP requirements while on warning will result in suspension of the VA education benefits. Students may appeal their suspension status by completing the veteran SAP appeal form. The appeal should be submitted to the SCO no later than two weeks before the beginning of the semester and will be reviewed by an appeals committee. Upon approval, the student will be placed on probation and will be required to meet with an advisor periodically during the semester. Should the appeals committee deny the appeal request, students may continue to take classes at GBC at their own expense. Once they reach a 2.0 cumulative GPA on their own, they will again qualify for VA education benefits.

Veterans Resource Center at Great Basin College

GBC's Veterans Resource Center (VRC) provides an encouraging environment that acknowledges and honors our U.S. military, veterans, and their dependents. The VRC's mission is to inform, advise, and certify U.S. military, veterans and their dependents with the education benefits they have earned. The center provides resources, support, and the advocacy needed to succeed in higher education. Veterans Resource Center McMullen Hall 775. 327.2128 gbc.vrc@gbcnv.edu

Military Training

Providing military transcripts and a DD214 is mandatory for all veteran students using their VA education benefits to determine if credit may be awarded for military service or training. The admissions and records office will automatically review these submissions as long as the student has applied to Great Basin College and has declared a major. Credit will only be awarded for courses that are applicable to the declared major.

- Up to 15 credits of boot camp credit, in combination with military experience and training, may be awarded to qualifying applicants who are current active duty or were honorably discharged and completed more than one year of active duty. Refer to https://www.gbcnv.edu/academics/ militarycredit.html for additional information.
- The Community College of the Air Force and Air University are regionally accredited colleges; credits

from these colleges are granted with no special process required.

- Dantes Subject Standardized Tests (DSST) will be granted as indicated on the DSST chart. For courses not on the chart, American Council on Education (ACE) recommendations will be considered.

- Experience gained from military schools and other forms of military training will be evaluated using American Council on Education (ACE) and Joint Services Transcript (JST) recommendations in conjunction with other criteria required by non-traditional policies. This includes consultation with academic faculty and deans. A maximum of 15 credits from non-traditional sources, such as military training, can be applied to a GBC degree.

Veterans and active duty military seeking additional information on prior learning credits and on Nevada residency criteria can contact the Admissions and Records Department at 775.327.2059 or admissions@gbcnv.edu.

Policy Protecting our Veteran/Dependent Students from Late Fees and Penalties Due to Veteran Affairs Payment Delay

Great Basin College (GBC) will not penalize or prohibit a Veteran Education Program student from attending or participating in courses while awaiting Veterans Affairs (VA) payment (for up to 90 days) which include the following under THE VETERAN'S BENEFITS AND TRANSITION ACT OF 2018 Title I Sec. 103 Para. (e)(l)(B):

- Assessment of late fees
- Denial of access to classes, libraries, or other institutional facilities.
- Require the student to pay out of pocket or borrow additional funds due to the inability to meet financial obligations to the institution as a result of delayed payments for educational assistance from VA.

NOTE: GBC requires Veteran/Dependent students to submit a Certificate of Eligibility (COE) and additional appropriate documentation to the Veterans Resource Center (VRC) in order to qualify for the protections listed above. If a student does not comply, the Veteran/Dependent student are not protected, and GBC will be allowed to charge a late fee. The late fees and penalties, which are due to the student's failure, will be owed by the student. Even if the student ultimately submits a COE and VA pays tuition and fees after the fact, the late fee will not be reimbursed to the student.
NOTE: The law prohibits the school from requiring a student to use his or her federal financial aid, or other sources of payment, for tuition and fees while it awaits VA payments within the 90-day period. However, schools are not prohibited from allowing a student to utilize his or her federal financial aid, or any sort of aid or loan for tuition/fees during the interim period if the student wishes to do so. What a school may not do is insist that the student utilize their aid, take out loans, or do anything else so that the tuition and fees are paid in advance of the VA benefit program.

A school may require a student to pay any charges for which there is no exception. VA will pay based on statute or VA regulations. Some examples are:

- Fees for room or board
- Optional fees, i.e.,parking
- The unmet portion of tuition payments as a result of a student qualifying for less than 100% of the maximum amounts payable.

NOTE: Great Basin College may use standard collection policies for these amounts, including the assessment of late fees. Also, if the amount that VA eventually pays is less than what the school anticipated receiving, the school is free to levy a fee or require the student to pay for the unmet charges. For additional questions, contact the Veterans Resource Center at 775.327.2128.

Student Government Association

College is more than books, lectures, and labs. Some of your best times for learning and involvement will be spent in student activities. You may choose to get involved by joining clubs and organizations: Art Club, Game Club, Native American Student Association, Phi Theta Kappa (PTK) (Honor Society), Student Government Association (SGA), Students Organizations and Leaders (SOLAR/Programming Board), Student Nurses Organization (SNO), and SkillsUSA. For more information about clubs and organizations, contact 775.327.2329 or email chantell.garcia@gbcnv.edu.

When you register for one credit or more, you are automatically a member of the Student Government Association (SGA). A small part of your registration fee goes to support student activities such as special events, clubs, games, barbecues, films, lectures, virtual events and more. These activities are overseen by elected students who form the GBC SGA.

SGA is the representative body that voices the concerns of the entire student body and oversees the many social and educational extracurricular programs. Executive officers and up to 17 senators form the legislative body of the SGA. They represent the concerns of students from all service areas, including online students, and participate in weekly meetings with members from Battle Mountain, Elko, Ely, online, Pahrump, and Winnemucca.

The President, Vice President, and Secretary are elected by all students the spring semester and serve through the summer until the following spring. Some senators are elected in the spring semester, and the remaining senators are elected in the fall semester. SGA members are elected by a vote of the student body and are expected to serve for one term. SGA offices, along with the student life office, are located in the Leonard Center for Student Life. Contact the SGA at 775.327.2329, chantell.garcia@gbcnv.edu, or learn more at https://www.gbcnv.edu/student_life/sga.html.

GBC Guide to Assist in Referring Student Questions and Concerns (Additional steps may be necessary and are subject to change).

Registration Adds, Drops, and Changes
Admissions and Records Office 775.327.2059

Approval to register for more than 18 credits in a semester
Contact your Academic Advisor

Campus tours and visits
Recruitment Department 775.327.2337

Academic advisement reports: what-if (WHIF) reports
Admissions and Records Office 775.327.2059
Academic Advising..... 775.327.2064

Acceptance of transfer credit
Admissions and Records..... 775.327.2059

Admission Advising and Career Center
Academic Advising..... 775.327.2064

Grade appeals
Instructor, Chair, Faculty Senate, Academic Standards Committee. Contact student services for a description of the process. 775.327.2115

Residency appeal
Admissions and Records Office 775.327.2059

Dropped from classes
Admissions and Records Office for non-payment..... 775.327.2059

Appeal of GBC refund policy
Student Services, Refund Appeals Committee 775.327.2115

Appeal of late fees
Controller's Office..... 775.327.2090

Financial aid processing scholarships, grants, loans, and employment
Student Financial Services Office 775.327.2095

Appeal of financial aid suspension and denial
Student Financial Services Office 775.327.2095

Payments
Controller's Office..... 775.327.2090

Classroom accommodations for students with disabilities
Disability Resources Coordinator 775.327.2336

Complaints concerning faculty or student conduct
Student Services..... 775.327.2115
Security 775.327.2354

Security 775.934.4923

FEES

Nevada Residency Status

You are considered a bona fide resident of Nevada if you live in the state and intend to make it your true, fixed, and permanent home and place of habitation; have clearly abandoned any former residence; and have no intent to make any other place outside Nevada your home. You may be classified as an in-state resident of Nevada if, at the beginning of a semester, you have been a bona fide resident of the state for at least twelve months.

If you are attending Great Basin College as an out-of-state student, you may be presumed to be living in Nevada temporarily for the purpose of attending college and not as a bona fide resident. You may qualify for reclassification as an in-state student only if clear and convincing evidence is presented that you have lived continuously in Nevada for at least 12 months as a bona fide resident and intend to make the state your true, fixed, and permanent home. You may petition in-state status using the residence reclassification application. When you have been reclassified as an in-state student, the classification will become effective the following semester.

There are several residency exceptions for veterans and their spouses and dependents. Please request the veterans, spouses, and dependents information request form for determination of tuition charges.

There are also many other Nevada residency exceptions. Common examples include current enrollees or graduates of a Nevada high school; NSHE employees or their spouses or children; a financially independent person who has relocated to Nevada for the primary purpose of permanent full-time employment or to establish a business in Nevada, or the spouse or children of the person who has relocated for employment; full-time teachers in Nevada, etc. For more complete information, refer to www.gbcnv.edu/admissions/residency.html or to the Nevada Board of Regents handbook, which can be found at system.nevada.edu/nshe/.

If you are attending GBC as an international student with an F-1 visa, you are considered an out-of-state student for tuition purposes, and you may not establish residency while your F-1 visa is in effect. If you have a different visa or have any other questions regarding residency, contact the Director of Enrollment Services, 775.327.2079. If you are attending GBC under a student visa, you are considered an out-of-state student for tuition purposes, and you may not establish residency while your visa status is in effect.

WUE/WICHE

The Western Undergraduate Exchange (WUE) is a program of the Western Interstate Commission for Higher Education (WICHE). Students who are residents of any of the 15 participating western states are eligible to apply for a reduced tuition level of 150 percent of resident tuition. The student must submit a WUE application prior to matriculation at Great Basin College. Once classified as a WUE student, in order to apply for reclassification to resident student status, a student must disenroll from the WUE program and pay full nonresident tuition for at least 12 months. For additional information, contact the Director of Enrollment Services, 775.327.2079.

Distance Education

Non-resident students taking only Internet courses may qualify for a reduced non-resident fee. To see if you qualify, please contact the Director of Enrollment Services, 775.327.2079.

Fee Schedule

All tuition fees are subject to change by the Board of Regents:

Note: Notwithstanding currently posted tuition and fees, all fees, tuition, or other charges which students are required to pay each semester are subject to increase by action of the Board of Regents at any time before the commencement of classes (primarily due to budgetary shortfalls). The amount you are charged at the time of registration is not a final bill and may be increased. You will receive a supplemental invoice for any additional amounts which the Board of Regents may impose. Fee changes put in place less than 30 days before commencement of classes will not be subject to late fee penalties.

Technology Fee
Applies to all GBC courses—$7.50 per credit.

In-state Fees
$112.75 per credit for lower-division courses.
(course numbers of 299 and below)
$185.00 per credit for upper-division courses.
(course numbers of 300 or above)

High School Enrollment
Nevada high school students enrolled in any of the courses described below may qualify for the following fees for spring and fall enrollment only. Application fee of $10 is waived for all qualifying student.

Dual Enrollment
A postsecondary course taught by an NSHE instructor on the high school campus or NSHE campus through a formally established dual enrollment program. Excludes upper-division courses numbered 300 or above. (ex. ENG 401, PSY 333)
$85 per credit, plus technology fee of $7.50 per credit and any applicable course fees*.

Concurrent Enrollment
A post secondary course taught at a high school by a high school instructor mutally agreed upon by the NSHE institution and high school.
$75 per course, no additional fees

Dual Enrollment students eligible for free or reduced-price lunch (must be confirmed by school counselor)
$58.00 per credit, plus technology fee of $7.50 per credit and any applicable course fees*.

*Course/lab fees are variable depending on the course and can be found by searching for the specific couse in GBC's class schedule.

*For additional details regarding fees, contact Controller's Office at GBC. For information regarding applying for these discounts or other attendance processes, contact GBC's Admissions and Records Office or your high school counselor.

Non-resident Tuition
Students enrolling in less than seven credits:
$124.00 per credit tuition charge plus the
$112.75 per credit fee for lower-division courses.
$203.50 per credit tuition charge plus the
$185.00 per credit fee for upper-division courses.

Enrollment in seven or more credits:
$3,950.50 out-of-state tuition plus $112.75 per credit fee for lower-division courses.
$3,950.50 out-of-state tuition plus $185.00 per credit fee for upper-division courses.

Good Neighbor Tuition
The program has been eliminated since Fall 2011 except for students who have already enrolled who are grandfathered in to finish.

Distance Education Tuition
Non-resident Students Only
$56.50 per credit plus the $112.75 per credit fee for lower-division courses.
$92.50 per credit plus the $185.00 per credit fee for upper-division courses.

WUE/WICHE Tuition Fee
$56.38 per credit plus the $112.75 per credit fee for lower-division courses.
$92.50 per credit plus the $185.00 per credit fee for upper-division courses.

Note: Non-resident tuition will not be charged for courses taken during the summer term.

Excess Credit Fee
Discontinued starting fall 2021.

Other Fees
Application for admission—non-refundable ..... $ 10.00
Application fee for international students..... 25.00
Transcript fee..... 6.75
Graduation fee 20.00
Challenge examination fee 25.00
CLEP Tests 80.00
Computerized assessment
examination fees 15.00–25.00

Note: The following per credit summer school registration surcharge fees are charged in addition to the subsequent fall registration fees: $3.00 per credit. Summer fees are due seven days before the class starts.

Lab Fees
See class schedule for applicable course lab fees.

Estimated Annual Costs at GBC for a Full-Time Student Tuition and Fees for 2022-2023

Resident
$3,607.50 per year (lower-division, 30 credits)
$5,775.00 per year (upper-division, 30 credits)
plus any associated lab fees.

Non-resident
$7,901.00 per year plus $120.25 per credit (lower-division)
$7,901.00 per year plus $192.50 per credit (upper division)
plus any associated lab fees.

For more information call the controller's office, 775.327.2090.

Books and Supplies
$1,400.00 (approximate)

For more information call the bookstore, 775.753.2270.

Past Due Balances

Enrollment Cancellation and Reinstatement
Students who have a past-due balance or who are not current on their payments may have their enrollment canceled and will be dropped from their classes. Students

can request reinstatement and be re-enrolled by acquiring instructor's permission, but must
reinstate in all courses for which they were previously enrolled. Payment of all past-due fees must be made in full at the time of reinstatement.

Late Fees
There will be a $25.00 late fee assessed monthly if fees are not paid by 5 p.m. of the fee due date published in the course schedule. After this date, the $25.00 late fee will be assessed monthly if the fees are not paid at the time of registration.

Account Holds
Students who have a past due balance of $100.00 or more will have their account placed on hold across all Nevada System of Higher Education institutions. Students with this hold will not be able to register for classes, request transcripts, be awarded a degree, or receive a diploma until the balance is paid in full, and the hold has been removed.

Collections
Any student having a past due balance that is older than 120 days and that owes $100.00 or more will be sent to collections. The student will be notified by mail that they have 30 days to pay in full before being sent to collections. At the end of the 30 days they will be sent to a collections agency. Any payment made after the end of the 30 days must be made to the collections agency.

Continuing Education Fees
Register for classes at www.campusce.net/gbcnv. Course fees vary in accordance with class duration, materials, location, and other factors. Continuing Education and Community Education courses generally receive no state funding and are supported by student fees. No fee waivers are available for faculty or staff of Great Basin College.

Fees are due and payable at the time of registration. You will be withdrawn from the course if no payment is made prior to the class starting date.
The refund policy for community-education courses (other than travel or special events) is 100 percent refund if the class is canceled by the college. To drop from a class, you must contact the Elko Continuing Education office by phone at 775.327.5300 or in person at least seven days prior to the start of class to receive a refund. Continuing Education retains $15.00 of the course fee upon withdrawal from a course by student. No refund will be issued if student withdraws fewer than seven days prior the start of class. All refunds of credit card payments will be issued to the same credit card as the original payment. If your card has expired or your account has closed, you must notify Continuing Education, and you will be refunded by check. No cash refunds will be given.

Please allow up to 30 days for processing of all credit card and check refunds

Payment Plans
Contracts for payments of total registration, tuition, and other fees—i.e., lab fees, technology fee for students enrolled in three credit hours or more—are available for the fall and spring semesters only. Payment plans are not available for community service classes. Payment plans are authorized as follows:
Regular Payment Plan:
- One-fourth (1/4) of the total amount is due the Tuesday before semester classes start.
- Each of the three remaining payments is due monthly within the semester.
- Deadline to register for the regular payment plan is the day before the second payment is due.

Late Start Payment Plan:
- Students may only register in this payment plan if all of their classes start after the first day of the third month of the semester.
- One third (1/3) of the total amount is due the tenth day of the month for the last three months of the semester.
- Deadline to register for the late start payment plan is the day before the second payment is due.
- Students must contact the controller's office to verify eligibility and register for this payment plan.

Any balance on a payment plan becomes a student accounts receivable on the due date and is treated as an official fee hold for future registration, transcript privileges, and final grade reports. Disenrollment/eviction procedures may be instituted, if necessary. A penalty of $25 shall be charged monthly on a payment not paid by the due date.

Contracts for a veteran's deferment of fees are available for those students who are receiving educational benefits from the Department of Veterans Affairs. Eligibility is determined by the GBC Director of Student Financial Services and Veteran Affairs or any authorized designee(s).

Students wishing to sign up for a payment plan may do so by accessing the GBC website at https://www.gbcnv.edu/mygbc.html. (See instructions at www.gbcnv.edu/admissions/payment.html). Students wishing to receive veterans benefits must contact the Veterans Resource Center at the time of registration. For more information call 775.327.2128.

Refund Policy
All refunds are calculated in calendar days from the class start date. The refund policy for withdrawal or net credit load reduction for all students is as follows:

The refund policy for a one day course shall be:

- 100% if initiated before the day of class.
- No Refund as of the day the class begins.

The refund classes two calendar days through eleven calendar days in length shall be:

- 100% if initiated on or before the first day of class.
- No refund after the first day of class.

The refund policy for regular session (16-week) and dynamic extensive (longer than 16-week) session courses shall be:

- 100% if initiated on or before the seventh day of class.
- 50% if initiated on/or before the fourteenth day of class.
- No refund after the fourteenth day of class.

The refund policy for all other courses and sessions (twelve days or longer) shall be:

- 100% if initiated on or before the fourth day of class.
- 50% if initiated on or before the seventh day of class.
- No refund after the seventh day of class.

Note: For internet classes, the first class meeting is considered to be 8 a.m. of the first business day of the week in which the course began.

The refund policy for community education courses:

- 100% if the college cancels the class.
- 100% if a student withdraws from a community education class at least seven days prior to the first day of class.
- No refund if the student drops the class fewer than seven days prior to the first day of class.

Non-resident tuition shall be refunded in conformity with the above schedule for load reduction to six credits or less and for withdrawal.
Requests for refunds must be filed within one year from the last day of the semester the student is appealing.
The refund appeals committee will determine if a refund is warranted.

Refund exceptions, which are approved, may be applied back to student's financial aid or other past due balances.

The grade of W (withdraw) will remain on student transcript and may affect student financial aid eligibility.

In the following circumstances students may receive a full refund of all registration fees and tuition provided they withdraw any time during the semester and complete the required paperwork. Documentation of circumstance is required:

- Deployment of the student in the United States Armed Forces;
- Death or incapacitation resulting from an illness or injury of the student; or spouse, child, parent, or legal guardian of the student that prevents the student from returning to school for the remainder of the semester;
- Verifiable error on the part of the institution.
- Involuntary job transfer outside the service area of the institution as documented by employer, or
- Other exceptional circumstances beyond the control of the institution or the student.

The exception to the refund form may be found at the Admissions and Records Office of the Elko campus, your local center, or online at www.gbcnv.edu/admissions, then click on forms.

Student Housing

Great Basin College student housing provides convenient, affordable housing for single students, single parents, married students, and married students with children.

- Student housing requires all residents to provide proof of compliance with the meningitis vaccination.
- A student must be enrolled in six or more credits to reside in student housing.
- All housing facilities are located just two blocks off the campus.
- **Payment options** for single students will allow four payments of ¼ the contract each; or $50.00 credit if paid in full before instruction-begins date.
- There is a $50.00 non-refundable processing fee applied to your account when an application is received.

Single Student Apartments

- These facilities consist of two- or three-bedroom furnished apartments, including: full size range, refrigerator, dishwasher, laundry hookups, parking, internet, and lawn area. (includes all utilities except telephone and cable).
- Each suite contains a common living/dining/kitchen and bathroom. Students have a private bedroom.
- Roommates are assigned based on information provided on the housing application.
- $350.00 deposit

Cost—Non-Refundable 18-Week Semester Contract

- Regular Student $2,218.00

Griswold Hall Dorms

- These facilities consist of traditional dorms including: TV room, study room, computer lab, parking, internet, shared food-warming area, lawn/gathering areas, gaming room, laundromat, and small fitness room.

- Students are assigned rooms of single/private occupancy and limited double occupancy. (includes all utilities except telephone and cable).
- $250.00 deposit

Cost – Non-Refundable 18-Week Semester Contract

- Private Room $2,016.00
- Double Room $1,485.00

Additional Rates

- $112.00 per week
  Above and beyond semester contract
    - Early move in
    - Late stay
    - Summer
- $200.00 — Winter Break

Married and Family Apartments

- These facilities consist of two or three bedroom unfurnished apartments; including: full size range, refrigerator, dishwasher, laundry hookups, parking, and lawn/playground area. (utilities not included).

Cost – Monthly Rent

- Deposit $ 500.00
- Two bedroom apartment $ 700.00 (Monthly)
- Three bedroom apartment $ 775.00 (Monthly)

Housing Application Process

Step 1: Complete the application on the GBC website. http://www.gbcnv.edu/housing.

Step 2: Pay the processing/deposit fees. The $50 processing fee must be turned into the controller's office in order to reserve a room.

Great Basin College
Attention: Housing
1500 College Parkway
Elko, NV 89801

Step 3: Check your email for letters from housing@gbcnv.edu

For more information, contact Ryan Hathaway at 775.327.2395 or email at ryan.hathaway@gbcnv.edu.

FINANCIAL AID

Great Basin College participates in the Title IV federal student aid programs. Although the student and the student's family have the primary responsibility for financing the costs of education, there is aid available in the form of grants, loans, scholarships, and student employment. These programs are regulated by the Department of Education, State of Nevada, and campus guidelines. An education at GBC is potentially one of the most rewarding investments you may make in your lifetime.

Eligibility
Most of the financial aid guidelines specify eligibility requirements, which include, but are not limited to the following:

- Have earned a high school diploma or passed a state-approved high school equivalency exam
- Be a US citizen, permanent resident, or other eligible non-citizen of the United States, as documented by the Department of Homeland Security
- Must be degree seeking and enrolled in classes only applicable to the declared degree
- Not be in default or owe a repayment on any Title IV loans or grants
- Have not been convicted of violating any federal or state drug possession or sale laws while receiving Title IV funding
- If you are a male born after 1960, you will also have to be registered with the selective service
- Maintain satisfactory academic progress

Note: Adjusted diplomas and certificates of attendance are not considered equivalent to a high school diploma, and students are advised to take a high school equivalency exam.

A student enrolled in elementary or secondary school is not eligible for aid from the Federal Student Aid programs even if they are simultaneously enrolled in an eligible postsecondary program.

Applying for Financial Aid

Students who wish to apply for financial aid must submit the FAFSA (Free Application for Federal Student Aid) at https://studentaid.gov/h/apply-for-aid/fafsa. The Great Basin College school code is 006977.

After the student submits an application, they will receive a student aid report from the Department of Education. Once GBC receives the application, the student will receive an email notification that GBC has received the student's FAFSA and what documents the student must submit to complete their file.

To receive consideration for all Title IV and other financial aid funds, students should apply as soon as possible, beginning October 1 of the year prior to the year in which they plan to attend.

Students receiving financial aid must have completed all items on their financial aid to do list by July 1 for fall, and December 1 for spring to ensure their financial aid will be paid before classes start.

Students who submit their paperwork after these dates may be responsible for their own fees and books. If it is determined that the student is eligible for aid, their financial aid will be received as a reimbursement.

In addition to the FAFSA, students interested in student loans must also complete the student loan request form. This form is located at the financial aid website under forms. A first-time borrower must also complete the entrance quiz and promissory note. Per Department of Education regulations, a first time borrower must wait 30 days from the first day of class before GBC can make the first loan disbursement.

Note: All communication from the financial aid office is by email. Students can also check the status of their file through their MyGBC account.

Scholarships—See page 74.

Student Employment—Students apply through GBC's career center. Student employment positions and applications are posted through GBC's career center website at http://gbcnv.edu/career. The jobs are filled according to job and fund availability and the qualifications of the applicant.

Types of Aid Available

Pell Grant
Pell grant is the foundation of a financial aid package and is awarded to eligible undergraduate students who have not yet received a baccalaureate degree. Students must complete the FAFSA in order to determine eligibility. Students must be enrolled in classes applicable to their degree and meet satisfactory progress requirements. A student may only receive a Pell grant for six full-time equivalent years.

Supplemental Education Opportunity Grant (SEOG)
SEOG is awarded on a first-come, first-served basis to students with exceptional financial need and have the lowest expected family contribution.

Access Grant
Awarded to students who have financial need established by federal methodology. Students must be enrolled in six credits applicable to their chosen degree.

GBC Need Grant
Awarded to students who have a financial need established by the federal methodology. Students must be enrolled in six credits applicable to their chosen degree.

Grant-in-Aid
Institutional funds made available to Nevada residents. A separate one-page application is required to receive this aid.

Silver State Opportunity Grant (SSOG)
A need-based, state grant that is awarded to low-income students pursuing a college education. To be eligible, the student must:

- Be enrolled in at least 15 credits that apply to the student's chosen degree
- Be in college-level math and English (college-ready) based on placement or completion of entry-level, college-level mathematics and English*
- Be classified as a Nevada resident
- Meet institutional and Title IV financial aid satisfactory academic progress requirements
- Complete the FAFSA and have an expected family contribution (EFC) of 8500 or less

*** To be considered college-ready for the purpose of SSOG Program eligibility, a student must be: 1) currently or previously enrolled in a 100- or above-level mathematics and English course; 2) placed into a college-level course under institutional placement policies for placement into at least Math 116 and English 101; 3) previously successfully completed remedial coursework (evident by a C or better in Math 96 and/or English 95).**

Federal Direct Stafford Loans (Subsidized and Unsubsidized)
These are low-interest need and non-need based loans. Students are required to repay all student loan funds received regardless of whether they completed their degree, found a job in their field of study, or experienced financial difficulty.

You must be enrolled in six credits applicable to your degree and meet satisfactory progress requirements to qualify for a student loan. Repayment begins six months after the student graduates, leaves school, or drops below six credits. All loans are assessed a loan fee which will be deducted from the loan before the borrower receives any loan funds.

- The subsidized portion is need based. The federal government pays the interest on this portion while the student is enrolled in at least six credits.
- The unsubsidized portion is non-need based. Interest accrues from the date the loan is disbursed. The student is responsible for this amount and may pay this interest as it accrues. If not paid, the accumulated interest will capitalize when the loan goes into repayment.

Annual loan limits are regulated by the government and are as follows:

Class Standing	Credits Earned	Base Eligibility	Additional Unsubsidized Eligibility
Freshman	0-29	$3,500	$6,000 ($2,000 Dependent Students)
Sophomore	30 or more	$4,500	$6,000 ($2,000 Dependent Students)
Junior/Senior	60 or more	$5,500	$7,000 ($2,000 Dependent Students)

Aggregate loan amounts are set by the federal government. Aggregate limits are based on a four-year degree. Undergraduate levels are as follows:

Dependent students: $31,000 (of which no more than $23,000 can be subsidized)

Independent students: $57,500 (of which no more than $23,000 can be subsidized)

Federal Direct PLUS Loan
The PLUS is a non-need loan for the parent of a dependent student. Approval is based upon the creditworthiness of the parent. Interest begins to accrue from the date the loan is disbursed. Parents can apply online at www.studentloans.gov. Should the parents be denied, a proof of a denial must be submitted to allow a dependent student to apply for additional unsubsidized Stafford loan funding.

Work Study

Federal Work Study
The federal work study program is federally funded to help provide on-campus employment for qualified students who demonstrate a financial need as determined by the FAFSA. Students must be enrolled in at least six credits that are applicable to their degree.

Regents Service Program
A state funded work study program based on criteria established by the Nevada System of Higher Education Board of Regents. To be eligible, the student must be a Nevada resident enrolled in at least six credits applicable to their degree and must meet one of the following criteria:

- Head of household
- Single parent who has never attended college or had a break in enrollment of two years or more

- First person in their immediate family to pursue a certificate or degree beyond high school
- Not receiving support from parents or family
- Have unusual financial circumstances

A separate application is required. Contact Financial Aid or go to https://www.gbcnv.edu/career/employment.html.

Access Work Study
This state-funded employment program is awarded to students who exhibit a financial need through the FAFSA. The student must be enrolled in at least six credits applicable to their chosen degree.

GBC Scholarships

Scholarships are monetary awards that assist students in their pursuit of an education. GBC has a variety of scholarships made available by the generosity of multiple donors. Scholarships are awarded based on the criteria chosen by the donors. GBC Foundation Scholarships are awarded annually with the application deadlines set during the month of March for the subsequent academic year. Should an award recipient become ineligible or choose not to enroll they will forfeit the award.

Millennium Scholarship
Nevada Governor Kenny Guinn established the Millennium Scholarship in 1999 from a tobacco company settlement trust fund. Monies from the trust fund provide scholarships for Nevada high school graduates. This scholarship is available for each qualified student to use for education costs. The scholarship eligibility is determined at the Nevada high school level. The student must enroll in at least nine credits applicable to their degree. The scholarship pays $40 per credit hour for lower-division courses and $60 per credit hour for upper-division courses. The scholarship will pay up to 15 credits per semester. Students must acknowledge their award on the Nevada State Treasurer's Office website before funds can be disbursed. Millennium Scholarship eligibility requirements are separate from financial aid satisfactory academic progress. For more information about the Millennium Scholarship go to: http://www.nevadatreasurer.gov/GGMS/GGMS_Home/.

Nevada Promise Scholarship
The Nevada Promise Scholarship was established by the Nevada Legislature in 2017. This scholarship provides last-dollar financial aid to Nevada students attending any of the state's four community colleges: College of Southern Nevada, Great Basin College, Truckee Meadows Community College, or Western Nevada College.

As a last-dollar scholarship, the Nevada Promise Scholarship covers the cost of the registration fee and mandatory fees (tuition is not charged to residents of Nevada) not covered by other gift aid. *Gift aid* is defined as a Federal Pell Grant, a Federal Supplemental Educational Opportunity Grant (FSEOG), a Silver State Opportunity Grant (SSOG), or a Governor Guinn Millennium Scholarship (GGMS).

In order to be considered for an award, interested students must, by established deadlines, complete the Nevada Promise Scholarship application, apply for admission to their college of choice, file a FAFSA (Free Application for Federal Student Aid), work with mentors, and perform 20 hours of community service. Scholarship availability is determined by the Nevada Legislature.

For more information:
promise@gbcnv.edu
775.327.2097
https://gbcnv.edu/scholarships/nvpromise/

Disbursement of Funds

Per federal regulations, financial aid funds are disbursed to student accounts no earlier than 10 calendar days before the start of a term.

Financial aid recipients must register for all classes, including late starting classes, before the end of the census date. The census date is the last day of the 100% refund period.

Financial aid eligibility is only calculated based on enrolled classes as of the census date. If the student registers for classes, including late starting classes, after the census date, their financial aid eligibility will not be adjusted to include these classes.

If all of the student's classes are online, and they do not live within the GBC service area, the student must submit progress reports from their instructors for all classes indicating that they are participating and making academic progress. Financial aid will not be disbursed until the progress reports are submitted and reviewed to confirm eligibility for funds.

Financial Aid Satisfactory Academic Progress Policy (SAP)

The GBC student financial services office (SFSO) is mandated by federal law to have a satisfactory progress policy. This policy must be applied to all recipients receiving federal or state aid as a determination of financial aid eligibility. In order to maintain eligibility as a financial aid recipient, students must meet the following three components:

Qualitative Component (GPA)

In order to meet the qualitative standard for SAP, the student must maintain a cumulative GPA of 2.0

Quantitative Component (Completion Ratio)

Students must receive passing grades in a minimum of 67% of all attempted courses. Students must also successfully complete 100% of the credits for which they received financial aid for the term.

Courses dropped during the 100% refund period are not considered attempted courses.

Remedial and transfer courses are included in the calculation. Courses receiving grades of W, F, AD, NR or I are not considered completed but are included in the calculation.

Time Frame Component (Maximum number of credit hours attempted)

Students may attempt no more than 150% of credit hours required for the program. For most programs, this is 56 credits for certificate programs, 90 credits for associate degree programs, and 180 credits for bachelor degree programs.

Repeated Course Work

A student may receive financial aid once for a repeated course that they passed previously and wish to retake to receive a better grade. The student may receive aid for failed courses until they receive a passing grade. However, students are cautioned that any repeated course is also counted in the maximum number of credits allowed to complete a degree. For academic standard purposes, letter grades are interpreted as follows:

- A through D, P and S grades shall be considered completed
- F, W, I (Incomplete), AD (audit) and NR (not recorded) grades shall not be considered as completed

If a student has converted from credit to audit status after receiving federal financial aid, the student may be required to repay all or a portion of the aid received, and/or be on warning or suspension.

Failure to comply with the Satisfactory Progress Components may result in Warning, Probation, or Suspension:

Warning: A student will be placed on Financial Aid if:

- Completion percentage is between 50% and 99% of the classes for which they were funded for the semester
- Cumulative completion percentage is between 67% and 80%

Probation: A student who has filed an appeal with the appeals committee and has been approved to receive financial aid for the following term will be placed on probation status.

Suspension: Financial aid eligibility will be immediately suspended if any of the following occurs:

- Completion of less than 50% of the courses enrolled in for the term
- GPA below 2.0
- Two consecutive warning semesters
- Completion rate of all credits attempted is less than 67%

Should a student be compelled to withdraw from all of the credits for which they were registered during the course of the semester, the student must notify the student financial services office prior to doing so. Should the student fail to notify the SFSO before withdrawing from their courses, they may waive their right to appeal their financial aid status. If a student fails to meet satisfactory academic progress, the student is still eligible to attend GBC. However, the student would have to attend without financial aid assistance.

Reinstatement of Financial Aid

Students who are on warning and who improve their academic performance for their next term of enrollment will be placed back in good status for satisfactory progress. If a student has an incomplete grade removed from their record, or a change of grade has been posted, please call the SFSO to review SAP status.

Financial Aid Appeal Procedure

Should a student be notified by the SFSO that they have been placed on financial aid suspension, they may appeal this decision by completing the following:

- Satisfactory academic progress appeal form
- A detailed personal statement explaining the circumstances as to why the student failed to make SAP and how those circumstances have changed in order for them to correct their SAP status
- Academic advisement report: what-if report (WHIF)
- Substantiating third party documentation

The decision of the financial aid committee is final and cannot be appealed further.
Generally, approved appeals can be categorized as emergencies or circumstances that are beyond the student's control, for example:

- Death or serious illness of an immediate family member
- Prolonged hospitalization or confinement at home which resulted in required extended absences from classes
- A one-time emergency situation that impacted the student's ability to continue their education or affected their academic success for a short, specified period
- A situation for which a student had no valid choice other than to interrupt their education

If the student's appeal is not approved, in order to re-establish eligibility, they then must obtain a cumulative 2.0 GPA with the same credit load or greater as was taken and funded in the previous semester. The student must also maintain a 67% completion rate of all credits attempted. This process must be done at the student's expense. A student may only appeal their financial aid status three times during their period of enrollment at GBC.

Return of Title IV funds is a separate and distinct process and cannot be appealed.

Return to Title IV

Students who receive federal financial aid to attend GBC and withdraw from 100% of their courses during a semester are subject to federal regulations governing refund and repayment. These regulations pertain only to the federal financial aid (Title IV) received and have been written in terms of earned versus unearned aid. The corresponding applicable amounts are determined by the number of days a student attended classes prior to completely withdrawing. Students who only partially withdraw from courses during a semester will follow GBC's general refund policies.

If a student receives all W or F grades for a semester, the SFSO will complete a mandatory return of unearned funds calculation. The calculation is determined by the last date of academic participation and/or withdrawal date. A federal formula is used which is provided by the U.S. Department of Education. A student may have to repay funds back to the Department of Education and/or GBC according to the formula. As such, a letter will be sent to the student, and the student will have 45 calendar days from the date of the letter to repay the funds.

United States and Nevada Constitutions Requirement

The State of Nevada by law requires that GBC award no degree for graduation to a student who has not passed an examination on the state and national Constitutions. For graduation purposes, the Constitution requirement may be satisfied by completing either PSC 101, *Introduction to American Politics,* or both HIST 101 and 102, *U.S. History to 1877* and *U.S. History Since 1877*. Students transferring acceptable American Constitution credits from an out-of-state institution will be required to complete PSC 100, *The Nevada Constitution*.

Late Enrollment and Excessive Absences

GBC will register students during a late enrollment period with the permission of the instructor. If you register late, you will miss not only assignments, but also commentary on course goals, grading policies, and course expectations. Late enrollment does not excuse you from work missed, nor does it free you from class policies and withdrawal/refund policies.

You must participate in classes regularly if you intend to obtain the full benefits of instruction. Unexcused hours of absence in excess of the number of course credit hours is excessive. This translates to two hours of absence for a two-credit class, three hours of absence for a three-credit class, and so on. An instructor may drop any student who has excessive unexcused absences. An instructor has the sole right to excuse an absence, assign makeup work, or apply a punitive grading policy as established by the instructor's syllabus for the class. Specifically, you are expected to comply with the attendance policy set by each instructor.

Student Absences from Classes to Observe Religious Holidays

Any student who misses class, quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up the missed work. The makeup will apply to the religious holiday absence only. It shall be the sole responsibility of the student to notify the instructor no later than the last day of late registration of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. This policy shall not apply if administration of the test or examination at an alternate time would impose an undue hardship on the instructor or the college which could not reasonably have been avoided.

If the student has notified the instructor in a timely manner, and the instructor will not provide an opportunity to make up the lost work, the student shall have the right to appeal the decision to the Vice President for academic and student affairs for final disposition.

Maximum Course Load

If you enroll for 12 or more credit hours, you are considered a full-time student. The normal load is 15 credit hours. GBC considers 18 credit hours a heavy load. You will need special permission from your academic advisor to enroll for more than 18 credit hours in fall or spring and more than nine credits in the summer. Six credits constitutes full-time summer enrollment.

Auditing a Course

If you want to participate in a class but do not want to receive credit, you may enroll as an auditor. When you audit, you are not obligated to take tests or prepare assignments, but you should participate in class activities.

You do not get a reduced fee as an auditor. When you register online you may select your grading status as graded or audit. If you later decide, however, to change from audit status to credit status or credit status to audit status, you must complete an audit/credit change form (available at www.gbcnv.edu/admissions/forms.html), obtain the instructor's permission, and submit the form to the admissions and records office or to your local center before 60% of the course has elapsed. For other courses, the audit/credit change must occur before 60% of the course is over.

Withdrawing from College

You are admitted with the understanding that you will remain through the semester or until you complete your program. If unforeseen circumstances force you to drop out, you should complete appropriate forms at the admissions and records office. If you are unable to withdraw in person, you should write to the Vice President for academic and student affairs and request withdrawal. Any financial obligations must be cleared when you withdraw.

If you are considering withdrawing from GBC, please contact your academic advisor first to discuss alternatives and support available to help you remain at GBC and stay on track to degree completion. For more information, visi https://www.gbcnv.edu/advisement/.

Recently, the Board of Regents approved the Student Military Mobilization/Activation policy. It states that mobilization and activation during a regular semester

or during summer sessions will result in the complete withdrawal of the student from the college or university without penalty and without punitive grade. With the concurring of course faculty options, such as receiving an incomplete or an early grade may be available. Please contact the Director of Enrollment Services at 775.327.2079 for details. Students who meet the mobilization/activation policy must submit a copy of their military orders to the Director of Enrollment Services. If, due to time constraints between time of notification and the time of actual mobilization or activation, the student cannot present his/her orders as required, the parents, guardians, or spouse of the student may do so.

Dropping a Course

You may drop a course online or in person at the admissions and records office or at your local center. You should first discuss your decision with your advisor and, if you are receiving financial aid, with the student financial services office.

Veterans who withdraw from classes may experience penalties and may be required to repay part or all of the benefits received for the course. If you are a veteran contemplating changes in enrollment, you should get the advice of the Veterans Affairs school certifying official at 775.327.2128.

If you do not formally withdraw by drop deadline, your instructor will automatically assign you a grade of F. One-day courses must be dropped no later than the day before the course occurs. For all other courses, the last day to drop is before 60% of the course has elapsed.

For full-semester **Fall 2022** classes, students must drop on or before **November 3, 2022** to avoid receiving an F rather than a W. For full-semester **Spring 2023** classes, students must drop on or before **April 7, 2023.** Drop dates for non-regular courses will be calculated individually, based on the 60%.

The official course drop deadline is subject to change per Nevada System of Higher Education Board of Regents policy. This change can occur any time prior to the beginning of the semester. Please see the most current drop deadline for regular semester courses at gbcnv.edu/calendar/. For other courses, contact the Admissions and Records Office at 775.327.2059.

Course Level/Course Section Exchange

During the second week of the fall and spring semesters, you may, without financial penalty, drop one course as long as you add a replacement course with the same prefix. To make a course or section exchange during the second week of the semester, you must fill out the course level/course section exchange request, which has additional details and can be found at www.gbcnv.edu/admissions/forms.html. The completed form must be submitted to the Admissions and Records Office or your local GBC center by Friday of the second week of the semester.

Personal Information

Students ***must*** keep all personal information current. Important correspondence, including financial information, for example, will be sent using email. Students may be notified of class cancellations using phone numbers and emails, etc....It is possible to update your own address, phone number, email address, and emergency contact information online through your MyGBC student center. Changing your name can be done using the request to change personal data form found at www.gbcnv.edu/admissions/forms.html and requires additional documentation. For more information contact the Admissions and Records Office at 775.327.2059.

It is also important to update your major, also known as your plan. This can be done on your MyGBC student center, at the Admissions and Records Office, at any of the GBC centers, or using the student information change form available at www.gbcnv.edu/admissions/forms.html. Keeping your plan current helps you receive correct advisement and determines the catalog year under which you will graduate. For assistance, contact the Admissions and Records Office at 775.327.2059.

When the Admissions and Records Office becomes aware of an incorrect address through returned mail, a registration hold will be placed on the student until the address is corrected. While it is critical that students keep the Admissions and Records Office apprised of any changes, it is required of students who receive federal financial aid or veterans benefits to keep name, address, and major information current. Failure to do so could affect eligibility for continued benefits.

Grading

GBC wants students to succeed. Grades describe the quality of work completed. At the first meeting of a class, your instructor will explain the course objectives, expectations, testing, and the basis for assigning grades.

Grade	Points
A	4.0
A-	3.7

Work Demonstration

- An ability to transcend the obvious, apply principles innovatively, and relate theoretical concepts to everyday life. Resulting insights are often personal and illuminating.
- Capacity to develop ideas flexibly and fluently, yet with control and purpose.

Grade	Points
B+	3.3
B	3.0
B-	2.7

Work Demonstration

- An ability to absorb ideas and experience in understanding concepts and principles and to interpret them meaningfully in a context of the student's own conceptions.
- A capacity to develop an idea with a clear sense of order.

Grade	Points	General Definition
C+	2.3	
C	2.0	
C-	1.7	

Work Demonstration

- Satisfactory understanding of concepts and principles.
- Applications of classroom-based learning often lack depth and insight.

Grade	Points	General Definition
D+	1.3	
D	1.0	
D-	0.7	

Work Demonstration

- A frequent inability to express competence.
- A limited understanding of much of the subject matter.
- A lack of commitment or failure to follow instructions.

Grade	Points	General Definition
F	0.0	

Work Demonstration

- Work has failed to meet the minimum requirement for the course.
- Student may not be adequately prepared for the courses which follow.

P The P is a passing grade. It is not computed in the grade point average.

S Satisfactory grade

U Unsatisfactory grade

I You may receive a final report of I, or incomplete, if you have completed at least 3/4 of the course with a grade of C or better, but are unable to complete the class for good cause. You must arrange for the incomplete with your instructor and complete fall courses by March 15 or spring/summer courses by October 15. Failure to do so will result in an F.

W You may opt to drop any course until 60 percent of the course has elapsed. It is your responsibility to withdraw formally from a course, and failure to do so will result in your receiving an F. The W is not used in computing your cumulative grade-point average; however, the W grade will appear on your permanent transcript.

AD This indicates a course for which the student will receive neither credit nor a grade.

NR This is a temporary grade indicating that it has not yet been submitted by faculty.

Repeating a Course

Any course may be repeated regardless of the grade received. Credit will be allowed only once for successful completion of the course except for the courses designated in the catalog as allowable repeats. The original grade will remain on the student's academic record, but only the higher grade will be included in the grade-point average.

Grade Report Policy

At the end of each semester, your grades will be available through your MyGBC student center. You will be able to access your grades approximately two weeks after a term ends. GBC would like to encourage you to review your grades electronically in your MyGBC Student Center.

Academic Standing and Your GPA

Your scholastic standing is computed on the basis of all courses attempted. GBC uses the four-point system in computing your grade-point average, or GPA. Under this system, you receive four quality grade-points for each semester hour with the grade of A; three points for each semester hour of B; two points for each semester hour of C; one point for each semester hour of D. The following is an example:

		POINTS	
3 semester hours of **A**	=	3 x 4.0	12.0
3 semester hours of **A-**	=	3 x 3.7	11.1
3 semester hours of **B+**	=	3 x 3.3	9.9
3 semester hours of **B**	=	3 x 3.0	9.0
3 semester hours of **B-**	=	3 x 2.7	8.1
3 semester hours of **C+**	=	3 x 2.3	6.9
3 semester hours of **C**	=	3 x 2.0	6.0
3 semester hours of **C-**	=	3 x 1.7	5.1
3 semester hours of **D+**	=	3 x 1.3	3.9
3 semester hours of **D**	=	3 x 1.0	3.0
3 semester hours of **D-**	=	3 x 0.7	2.1
3 semester hours of **F**	=	3 x 0.0	0.0
3 semester hours of **I**	=		0.0

3 semester hours of **P**	=	0.0
3 semester hours of **S**	=	0.0
3 semester hours of **U**	=	0.0
3 semester hours of **W**	=	0.0

If you repeat a course, the highest grade you received determines your cumulative average. In most cases, you do not receive duplicate credit for repeated classes. Incompletes, designated by I, are tentative marks and are not used in computing your GPA.

You must have a cumulative grade-point average of at least 2.0 on a 4.0 scale in order to graduate. Your GPA is based on the total credits you have taken at Great Basin College. Your grade-point average can be determined by combining the points received for all your GBC courses and dividing that total by the total number of graded credits.

Grade Appeals

Great Basin College respects an instructor's qualifications and upholds the right of an instructor to determine academic standards. With faculty approval, an instructor establishes the scope, objectives, and methodology of the course being taught and is responsible for informing students of the requirements for completion of the course of study in the class. The instructor evaluates student performance according to written grading criteria made available to students at the beginning of the class.

Should students have questions about a grade, the following published procedures shall be followed. The procedures do not apply to cases of grades issued because of academic dishonesty.

Student concerns about instructor conduct or activities unrelated directly to grades should follow the student grievance procedure on page 43.

The burden of proof in these procedures rests with the student. Students may consult with the Office of the Vice President for Academic and Student Affairs in Berg Hall or their local Center Directors for assistance with the procedures and policies for appeal.

Failure to initiate these procedures within 30 calendar days of the end of the semester will result in the forfeiture of the right to challenge a grade.

These are the steps that must be taken:

Step One: The student must first communicate with the instructor in writing or by email to discuss the complaint and attempt satisfactory resolution. If successful, no further action need be taken.

Step Two: If unsuccessful in step one, the student will write a letter to the chair of the instructor's department (this information is available at the admissions and records office in Elko or from your center) requesting a meeting between the student, the instructor, and the department chair. The department chair will respond within 15 days of receipt of the written request and establish a mutually agreeable date and time for the resolution meeting. After hearing both sides, the department chair will recommend a solution. Acceptance of this solution by both the student and the instructor ends the complaint procedure and no further action will be taken. (Note: In the event that the instructor is also the department chair, the student will write the request for a resolution meeting to the chair of the faculty senate. The senate chair or a designee of the senate chair will fulfill the responsibilities of a department chair as outlined above.)

Step Three: Failure of remedy in step two requires a written complaint to be submitted to the academic standards committee of the faculty senate. This complaint may be submitted by either the student or the instructor if either is not satisfied by the recommended solution of step two (this action must be accomplished within five days of the failure of step two). Within 15 days of receipt of the written complaint, the academic standards committee will arrange for the student and the instructor to be heard before a full or quorum meeting of the academic standards committee; the chair involved in step two will be in attendance if deemed necessary by the student or the instructor. Within 15 days of this meeting the chair of the academic standards committee will provide a written recommendation to resolve the issue. Copies will be given to the student, the instructor, and the department chair or senate chair designee (as appropriate).

Step Four: If the issue is still unresolved to the satisfaction of either party, a written request of review must be lodged in the Office of the Vice President for Academic and Student Affairs within three calendar days of issuance of the academic standards committee's recommendations. The Vice President for Academic and Student Affairs will, after reviewing the documentation of the previous three steps, issue a written decision which will be the final determination.

Note: During summer months, faculty may not be available to complete the appeal process. The student still must initiate the appeal within 30 calendar days of the end of the semester, but it is possible that an appeal relating to spring semester may not be resolved until fall semester.

Making the Dean's List

Each semester, students with a declared major, a 3.50 to 4.0 grade-point average, and confirmed enrollment for 12

or more credits are acknowledged by the Vice President for Academic and Student Affairs with a personal letter and have the distinction posted on their transcripts. The 12-credit requirement cannot include pass/withdraw, developmental, community education, or audited courses. Students who receive any incomplete grades at the end of the semester will not be considered for the Dean's List.

Graduation Requirements

- You must file an application for graduation. File your application, submit the $20.00 fee, and the processing will begin.
- Your academic advisor must sign your graduation application before submitting it to the admissions and records office.
- Applications for fall graduation are due **October 15**. At the time of application, the student should be enrolled in all necessary courses for completion of the degree or certificate of achievement.
- Applications for spring graduation are due **March 15.** A student may be lacking no more than 3 credits and still walk in the May graduation ceremony, and their name may appear on the graduation program. However, the student must take the final 3 credits over the summer semester.
- Applications for summer graduation are due **July 1**. If the student is taking more than three credits during summer to meet graduation requirements, they will not be eligible to walk in graduation until May of the following year.
- Students receiving skills certificates do not receive a diploma or participate in graduation, nor do they need to submit a graduation application. The skills certificate designation will be automatically placed on the student's transcripts when the requirements of the certificate have been met.
- If a student does not complete the courses by the time indicated on the application, they will be required to submit a new application and pay an additional $20.00 fee.
- Failure to apply before the application deadline may prevent you from attending graduation ceremonies, having your name listed in the graduation program, or delay receiving your diploma.
- You must clear your financial obligations with the GBC library and the controller's office.
- Under no circumstances will a degree be posted on the student's transcript until the final course is completed.

For more information regarding graduation please contact the Admissions and Records Office at 775.327.2059.

Graduating With Honors

During the May commencement ceremonies, GBC will distinguish certain graduates by categories of academic achievement based on cumulative grade-point average and other criteria, as follows:

	Cum Laude	Magna Cum Laude	Summa Cum Laude
Associate Degrees/ Certificates	**3.50–3.69**	**3.70–3.89**	**3.90–4.00**
Bachelor's Degrees	**3.50–3.69**	**3.70–3.89**	**3.90 or higher AND an A in program capstone course***

*** Students failing to earn an A in their program's capstone course will be awarded Magna Cum Laude if the GPA is above 3.90.**

- To earn honors designation for an associate's degree or certificate of achievement, students must complete 30 credits at GBC, excluding developmental and community education courses.
- To earn honors designation for a bachelor's degree, students must complete 30 upper-division credits at GBC.
- Credits transferred from other institutions will not be used toward calculating grade point average.

See additional graduation information under bachelor's and associate degree requirements.

General Education Objectives

It is the goal of the faculty of Great Basin College that all students that graduate with either an associate or bachelor's degree from this institution have had the opportunity presented to them during their attendance to have acquired ability and awareness with the following objectives:

A. Communications and Expressions

1. Written Communications

a. Utilize written genres appropriate to task
b. Express ideas clearly and compellingly in text
c. Effectively identify and address various audiences and contexts

2. Oral Communications

a. Organize oral presentations appropriate to context and audience
b. Deliver compelling and clear oral communications
c. Demonstrate an understanding of interpersonal communications in a variety of contexts

3. Evidence-Based Communications

a. Correctly interpret and analyze source materials and readings
b. Determine source appropriateness/credibility according to context
c. Effectively incorporate and cite sourced material in communications

4. Fine Arts

a. Demonstrate proficiency in the understanding of basic fine arts concepts and language
b. Demonstrate the effective use and application of artistic tools and processes
c. Demonstrate the ability to engage in the creative process as it applies to the subject

B. Logical and Scientific Reasoning

1. Mathematical Reasoning

a. Demonstrate knowledge of mathematical notation and concepts
b. Apply mathematical concepts and operations in proper written or graphical form
c. Apply relevant mathematical skills in solving real world problems

2. Scientific Reasoning

a. Demonstrate an understanding of the scientific methodologies used in various disciplines
b. Effectively interpret and apply scientific principles and concepts
c. Apply scientific reasoning to the evaluation, analysis or interpretation of models and theories developed in the sciences

3. Scientific Data Interpretation

a. Effectively apply mathematical principles and quantitative methods to collect and analyze scientific data
b. Utilize the scientific method to arrive at informed conclusions

C. Human Societies and Experience

1. Structure of Societies

a. Demonstrate understanding of the processes that influence human behavior and structure of societies
b. Demonstrate understanding of the processes that influence social stratification and/or inequality
c. Demonstrate understanding of the methodologies used to study human social systems

2. American Constitutions and Institutions

a. Demonstrate an understanding of American constitutions and institutions and their development
b. Demonstrate understanding of processes of social stratification and inequality in American society
c. Demonstrate knowledge of the methods used to study American society

3. Humanities

a. Demonstrate an understanding of the consequences of human actions in social and environmental contexts, and an ability to consider the ethical and practical implications of those actions
b. Demonstrate an ability to recognize the importance of creative human expression
c. Demonstrate an ability to recognize and respect the rights of the individual and to appreciate the complexity and variety of divergent attitudes, values, and beliefs in society
d. Demonstrate an understanding of the cultural and historical heritage of contemporary society and the implications of this heritage

D. Technological Proficiency

1. Technological Proficiency

a. Analyze a problem and identify and define the technology requirements appropriate to its solution
b. Describe professional, ethical, legal, security, and social issues and responsibilities for technology users
c. Develop skills to continuously learn fundamentals of existing and new technology

General Education Requirements—Associate of Arts and Associate of Science

	OBJECTIVES		CREDITS
COMMUNICATIONS AND EXPRESSIONS			
1	WRITTEN COMMUNICATIONS	ENG 100, ENG 101	3
2	ORAL COMMUNICATIONS	COM 113, THTR 102, THTR 221	3
3	EVIDENCE-BASED COMMUNICATIONS	ENG 102	3
4	FINE ARTS	ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204	3
LOGICAL AND SCIENTIFIC REASONING			
5	MATHEMATICAL REASONING	MATH 126 or 126E or higher; or STAT 152 **AA ONLY: Can use MATH 120 or MATH 120E**	3
6	SCIENTIFIC REASONING	Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103, and NUTR 121	3-4
7	SCIENTIFIC DATA INTERPRETATION	BIOL 190, CHEM 121, GEOL 101, PHYS 151, PHYS 180 **AA ONLY: Can also choose from AST 101, BIOL 100, CHEM 100, ENV 100, NUTR 121, PHYS 100**	3-4
HUMAN SOCIETIES AND EXPERIENCE			
8	STRUCTURE OF SOCIETIES	ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101	3
9	AMERICAN CONSTITUTIONS AND INSTITUTIONS	HIST 101 AND HIST 102 (must take both) or PSC 101	3
10	HUMANITIES	ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211	3
TECHNOLOGICAL PROFICIENCY			
11	TECHNOLOGICAL PROFICIENCY	CIT 129, CS 135, EDU 214, GIS 109, GRC 119, IS 101	3
FOUNDATIONS			
	AA: SOCIAL SCIENCE	Any transferrable course 100- or 200-level ANTH (except ANTH 102), CRJ, HIST, PSC, PSY, SOC, ECON 102, ECON 103, GEOG 106	3
	AA: HUMANITIES / FINE ARTS	Any transferrable course 200-level ENG or 100- or 200-level AM, ART, FIS, FREN, GRC 103, GRC 156, HUM, HIST 208, HIST 209, JOUR, MUS, PHIL, SPAN, THTR	3
	AS: MATHEMATICS	Any MATH 127 or higher, or STAT 152 (Minimum 5 total credits Mathematics)	2-4
	AS: SCIENCES	Any 4 credit lab science course in BIOL, CHEM, GEOL, PHYS (Minimum 12 total credits Science)	4

Electives: A minimum of 60 total credits is required. See an advisor to select appropriate courses.
These requirements meet the requirements laid out in NSHE Code, Title 4, Chapter 14, section 20.

General Education Requirements (continued)

AREA	ASSOCIATE OF APPLIED SCIENCE (AAS courses are not required to use integrative format)	BACHELOR OF APPLIED SCIENCE	• BACHELOR OF ARTS • BACHELOR OF SCIENCE • BACHELOR OF SCIENCE IN NURSING
ENGLISH/ COMMUNICATIONS	**6 Credits:** ENG 100 or 101, ENG 102; ENG 107, ENG 108	**6 Credits (in addition to associate credits):** ENG 333 COM 113 or THTR 221 or THTR 102	**3 Credits:** ENG 102
MATHEMATICS	**3 Credits:** MATH 116, MATH 116E, MATH 120, MATH 120E, MATH 126, MATH 126E, or higher (Includes STAT 152)	**6 Credits (in addition to associate credits):** STAT 152 or MATH 181 INT 359	**3 Credits:** MATH 120, MATH 120E, MATH 126, MATH 126E or higher (Includes STAT 152)
SCIENCE ***includes:** **any 3- or 4-credit BIOL, CHEM, GEOL, or PHYS containing a lab component**	**3 Credits:** ANTH 102, AST 101, BIOL 100, 190, CHEM 100, CHEM 121, ENV 100, GEOG 103, GEOL 101, GEOL 132, NUTR 121, PHYS 100, PHYS 107, PHYS 151	**3 Credits (in addition to associate credits):** INT 369 PHYS 152 PHYS 181	**6 Credits:** 6 credits of lower-division general education science.
SOCIAL SCIENCE **(Fulfills U.S. and Nevada Constitutions requirement.)**	**6 Credits:** 3 credits (U.S. and Nevada Constitutions): PSC 101 (or substitute: HIST 101 and 102) 3 credits (Human Relations): BUS 110 HMS 200 MGT 283 PSY 208	**6 Credits (in addition to associate credits):** (U.S. and Nevada Constitution requirements must be fulfilled) PHIL 311 (formerly ECON 311) INT 349	**6 Credits:** 6 credits of lower-division general education social science (must fulfill U.S. and Nevada Constitutions requirements).
HUMANITIES AND FINE ARTS	**3 Credits:** ART 100, ART 101, ART 107, ART 160, ART 260, ART 261, ENG 203, 205, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 101, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211, THTR 100, THTR 105, THTR 204	**3 Credits (in addition to associate credits):** INT 339	**3 Credits:** 3 credits of lower-division general education humanities **3 Credits:** 3 credits of lower-division general education fine arts
TECHNOLOGY	**3 Credits:** CIT 129, CS 135,. EDU 214, DT 101, EIT 233, ELM 120, GIS 109, GRC 119, IS 101, IT 210, MTT 100, WELD 110, 211, 221	**3 Credits:** 3 credits of approved lower-division.	**3 Credits:** 3 credits of lower-division general education technology
INTEGRATIVE SEMINARS	–0–	See above	**3 Credits:** As determined by program.
CAPSTONE	–0–	**3 Credits:** As determined by program.	**3 Credits:** As determined by program.
ELECTIVES AND PROGRAM REQUIREMENTS **Choose with Advisor**	A minimum of 60 total credits is required. Some programs require more. See program requirements and an advisor.	A minimum of 120 total credits is required. At least 42 credits must be upper division. See program requirements and an advisor.	A minimum of 120 total credits is required. At least 42 credits must be upper division. See program requirements and an advisor.

There may be specific general education requirements required for your degree. Refer to the degree section of the catalog and consult your advisor.

Degrees and Certificates Reference

Degrees and Certificates	Skills Certificates Page No.	Certificate of Achievement Page No.	Associate of Applied Science Page No.	Associate of Arts (AA) Page No.	Associate of Science (AS) Page No.	Bachelor's Degree Page No.
Associate of Applied Science			90			
Associate of Arts—General				91		
Associate of Sciences—General					92	
Associate of General Studies - page 92						
Certificate of Achievement		90				
Business/Management						
Accounting			99			
Business		100	101	102		
Human Resources		104				
Management and Supervision Emphasis						105
Real Estate Salesperson	88					
Career and Technical Education						
3G/4G Welding	88					
Diesel Technology		108	109			
Electrical Systems Technology		111	113			
Industrial Maintenance Technology	88	118	120			
Instrumentation		115				116
Manufacturing Machining Technology		122	123			
Pipe welding	88					
Welding Technology		124	125			
Computer Technologies						
CCNA Routing and Switching	88					
CCNA Security	88					
CompTIA Certification Preparation	88					
Computer Programming Emphasis			127			
Digital Information Technology Emphasis						131
Graphic Communications Emphasis			135	133		
Network Specialist Emphasis	88		128			
Office Technology Emphasis	88	129	130			
Web Development Emphasis			137			
Education						
Alternative Route to Licensure (ARL) Post-Baccalaureate Certificate						172-173
Early Childhood Education (Birth to 2nd Grade)						172
Elementary Education						172
Secondary Education						173
Special Education						173
Early Childhood Education		139	140	142		
Infant/Toddler Emphasis			141			

Degrees and Certificates Reference (continued)

Degrees and Certificates	Skills Certificates Page No.	Certificate of Achievement Page No.	Associate of Applied Science Page No.	Associate of Arts (AA) Page No.	Associate of Science (AS) Page No.	Bachelor's Degree Page No.
Education						
Elementary Education						148-158
ECE Endorsement						151
ELAD Endorsement						151
English Emphasis						151
Math Emphasis						151
Science Emphasis Options A-D						151
Social Science Emphasis						151
Special Education Endorsement						151
Secondary Education						159-170
Biological and ELAD Endorsement						161
Business and ELAD Endorsement						163
English and ELAD Endorsement						165
Mathematics and ELAD Endorsement						167
Social Sciences and ELAD Endorsement						169
ELAD and Special Education Endorsement						170
English						
English				174		176
Health Sciences						
Certified Nursing Assistant	88					
Emergency Medical Technician — Basic, Advanced, or Paramedic	88		179			
Medical Coding and Billing	88	136				
Diagnostic Medical Sonography (DMS)		194				196
Nursing			183			186
Radiologic Sciences					189	
Human Services						
Human Services		200	201			202
Substance Abuse & Addiction Medicine Counselor Training Post-Baccalaureate Certificate		204				
Substance Abuse Counselor Training		205				
Land Surveying/Geomatics						
Land Surveying/Geomatics					206	208

Degrees and Certificates Reference

Degrees and Certificates	Skills Certificates Page No.	Certificate of Achievement Page No.	Associate of Applied Science Page No.	Associate of Arts (AA) Page No.	Associate of Science (AS) Page No.	Bachelor's Degree Page No.
Science						
Biological Science					210	212
Engineering and Physical Science					215	
Geosciences					217	
Natural Resources					219	
Social Science						
Criminal Justice			221			
Social Science				223		225
Bachelor of Social Work: 3+1 Program between GBC and UNR						228

Skills Certificates

Skills certificates are single courses or short sequences of courses which provide basic job skills for employability. The certificates listed on this page include training for a variety of practical and vocational endeavors. Each provides basic skills for students to complete the requirements necessary to take state, national, and/or industry-recognized certification or licensing exams.

These certificates are also a foundation to continue additional training and education to obtain higher employability. These certificates are stackable to certificates of achievement, associate degrees, and in many cases Bachelor's degrees and beyond.

Please seek advisement regarding which of these skills certificates may be appropriate for you and your personal interests.

Skills Certificates			
Skills Certificate—Less than 30 credits	**Name of State or National Industry Credential, License, or Exam**	**Courses to be Completed**	**Credits Earned**
3G Welding	Prepares students for American Welding Society (AWS) Certified Welding (CW) exams	WELD 110, WELD 210, WELD 220 (C- or better)	22
4G Welding	Prepares students for American Welding Society (AWS) Certified Welding (CW) exams	WELD 110, WELD 210, WELD 220 (C- or better)	22
Certified Nursing Assistant	Nevada State Board of Nursing (CNA)	Successful completion of NURS 130 (C or better)	6
CCNA Routing and Switching	CISCO Certified Network Associate (CCNA) Routing and Switching	CSCO 120, CSCO 121, CSCO 220, CSCO 221	15
CCNA Security	CISCO Certified Network Associate (CCNA) Security	CSCO 120, CSCO 121, CSCO 230	12
CompTIA Certification Preparation	Computer Technology Industry Association (CompTIA)- A+, Network +, Security +	CIT 110, CIT 112, CIT 217 (C or better)	9
Emergency Medical Technician—Basic	National Registry of Emergency Medical Technicians examination certification for EMT-Basic	Successful completion of EMS 108 (C or better)	7
Emergency Medical Technician—Advanced	National Registry of Emergency Medical Technicians examination certification for EMT-Basic	EMS 118 (C or better)	8
Industrial Millwright Core Level	National Center for Construction and Research (NCCER)-Core Level	IT 201, IT 216, TA 100 (C- or better)	18
Industrial Millwright—Level I	National Center for Construction and Research (NCCER)-Level I	IT 103, IT 106, IT 201, IT 216, TA 100 (C- or better)	18
Industrial Millwright—Level II	National Center for Construction and Research (NCCER)-Level II	IT 105, IT 201, IT 209, IT 216, IT 220, TA 100 (C- or better)	24
Industrial Millwright—Level III	National Center for Construction and Research (NCCER)-Level III	IT 103, IT 105, IT 201, IT 210, IT 214, IT 220 (C- or better)	21.5
Industrial Millwright — Level IV	National Center for Construction and Research (NCCER)-Level IV	IT 103, IT 207, IT 208, IT 210, IT 220 (C- or better)	18.5
Network Specialist	Microsoft Certified Solutions Associate (MCSA) Certification: Windows Server	CIT 212, CIT 213, CIT 214 (C or better)	9
Office Technology	Microsoft Specialist (MOS) Certificate	CIT 201, CIT 202, CIT 203 (C or better)	9
Pipewelding	American Welding Society	WELD 110, WELD 210, WELD 260 (C- or better)	19
Real Estate Salesperson	Nevada Real Estate Division	RE 101, RE 103 (C or better)	8

Associate Degrees and Certificates of Achievement

Associate Degree/Certificate of Achievement Requirements at GBC

Associate degrees are intended to provide the first two years of a baccalaureate degree and fulfill the lower-division general education requirements.

Graduation Requirements

To graduate from GBC with an associate degree or certificate of achievement, you must adhere to the following requirements:

- You must complete all courses in a prescribed associate's degree or certificate of achievement program. You may select the program described in the catalog year in which you were initially enrolled, the catalog year in which you officially declare a program of study, or the catalog year in which you will complete the requirements for the associate's degree or certificate of achievement. For programs that require a separate application process, such as the associate's in nursing or radiology, the catalog year is determined by the year of acceptance, rather than the year you declare your major. Whichever catalog is used, it cannot be more than six years old at the time of graduation. If you have had major interruptions in completing your program, you should follow the current catalog.
- You must have a cumulative grade-point average of at least 2.0 on a 4.0 scale. Your GPA is based on the total credits you have taken at Great Basin College. Your grade-point average can be determined by combining the points received for all your GBC courses and dividing that total by the total number of credits.
- You must complete at least 15 semester credits at GBC. Thus, if you transfer to GBC and are pursuing a degree or a certificate of achievement, you must complete 15 semester credits regardless of the number of semester hours completed elsewhere. You cannot count challenge exam credit, non-traditional credit, career and technical education (CTE) college credit, or developmental courses (courses numbered below 100) as a part of the residency requirement. Credits transferred from other institutions will not be used for academic achievement designation. Students must complete 30 credits at GBC to be able to have honors designation.
- College credit by examination and/or non-traditional credit may be applicable to a particular degree or certificate, but there are restrictions. See page 29 for an in-depth explanation of GBC policy.
- You must file an application for graduation by October 15 or March 15 of the semester in which you wish to graduate. See page 81 for further details.
- For associate degrees, a minimum of 60 credits is required (30 credits for certificate of achievement).

Earning Multiple Associate Degrees

You may earn more than one associate degree provided all specified requirements for both degrees are fully satisfied.

The courses taken for each additional associate degree must include a minimum of 15 (not including developmental and community service) credits earned in residence beyond the previously earned degree(s).

Students may pursue two associate degrees simultaneously. Each degree requires a separate application for graduation.

Suggested Course Sequence and 4 Year Plan of Study

The course sequence outlined for each degree is simply a suggestion that may not be appropriate for all students. Many students will need to take fewer courses each semester due to other obligations in their lives. Full-time status is 12 credits per semester, but many programs provide students with the flexibility of taking fewer credits (in order to have a successful academic experience). Meeting with an advisor is crucial to establishing the best course sequence for each student.

General Studies Certificate

The general studies certificate provides high school students the opportunity to achieve 30-31 credits of general education courses prior to high school graduation. These courses fit best with an Associate of Arts degree pathway. This certificate pathway provides:

- A dual credit pathway to students and high school ..... counselors.
- A sense of accountability and independence.
- Documentation of milestones.
- Preparation for rigor of college.
- A connection and a pathway for students to seek help.
- Continual bridges and connections between GBC and Nevada high schools.
- One year of courses leading to an associate degree.

General Studies Certificate Requirements Summary

Credits

GENERAL EDUCATION (Refer to page 82)

Communications and Expressions

Written Communications.....3
ENG 100, ENG 101

Evidence Based Communications..... 3
ENG 102

Fine Arts.....3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

Logical and Scientific Reasoning 6

Mathematical Reasoning
MATH 126, 126E
and MATH 127 or STAT 152

Scientific Reasoning.....3
Any Science(For a STEM career, the student would need to choose a course with a lab)

Human Societies and Experience

American Constitutions and Institutions..... 6
HIST 101/102 (may take PSC 101 with approval of high school counselor)

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103; GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

Humanities 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, IS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM ... 210, MUS 121, MUS 125, PHIL 102, PHIL 129, ... SPAN 111, SPAN 112, SPAN 211

A minimum of 30 total credits is required.

Certificate of Achievement

The one-year certificate program is an abbreviated form of the two-year Associate of Applied Science degree. The certificate program requirements include a minimum of three semester hours of English/communications, a course in human relations, demonstration of computation skills, and a 2.0 minimum grade-point average. All other requirements are noted in specific program maps.

If you complete a certificate of achievement, you may also choose to complete an AAS. The following general education requirements (see also page 90) must be fulfilled.

Certificate of Achievement Requirements Summary

Credits

English/Communications..... 3

Computation 3

Computation includes the ability to:

- Interpret mathematical models
- Represent mathematical information symbolically, visually, numerically, and verbally
- Estimate and check answers

Must be included as a course or demonstrate how computation components are embedded in other required courses for a certificate.

Human Relations 1-3

Minimum Certificate Requirements 23
(See program for specific requirements)

A minimum of 30 total credits is required. Many programs require more.

Associate of Applied Science Degree

The Associate of Applied Science (AAS) degree is designed for persons who desire education for an occupation or a technical career. The courses and programs of the AAS degree aim to prepare students for entry-level employment. Students also use the career and technical education programs to upgrade themselves in the positions they hold. Many persons enroll in career and technical courses to improve their abilities and understanding of everything from management to welding, from financial planning to computing.

In general, career and technical courses are not meant to satisfy requirements of lower-division baccalaureate programs, but do prepare students for GBC's Bachelor of Applied Science degree. The career and technical education programs provide a generous component of liberal education coursework which is meant to develop intellectual curiosity and which promotes creative thought. The general education courses are university transfer courses.

Important Note:
Some courses offered at Great Basin College may not be used for an Associate of Arts, Associate of Science, or Bachelor of Arts degree. These courses may not be transferable to other Nevada colleges. These courses are identified in the catalog course descriptions with the following notation:

This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), a Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree and may not be transferable for other baccalaureate degrees in Nevada.

These courses are identified with a class attribute in the online course schedule with the following notation: non-transferable for an NSHE baccalaureate degree.

Associate of Applied Science Requirements Summary

Credits

English/Communications 6
ENG 107, ENG 108 or
ENG 100 or ENG 101, ENG 102

Mathematics 3
MATH 116, 116E, 120, 120E, 126, 126E, or higher (Includes STAT 152)

Science 3
At least 3 credits from: ANTH 102, AST 101, BIOL 100, BIOL 190, CHEM 100, 121, ENV 100, GEOG 103, GEOL 101, 132, PHYS 100, 107, 151, NUTR 121

Social Science 6
3 credits: PSC 101 (U.S. and Nevada Constitutions requirement) or HIST 101 and 102
3 credits: BUS 110, HMS 200, MGT 283, PSY 208 (Human Relations)

Humanities or Fine Arts 3
3 credits from: ART 100, 101, 107, 160, 260, 261; ENG 203, 205, 223; FIS 100; FREN 111, 112; HIST 105, 106, 208, 209; HUM 101, 111, 210; MUS 101, 121, 125; PHIL 102, 129; SPAN 111, 112, 211; THTR 100, 105, 204

Technology 3
3 credits from: CIT 129, CS 135, EDU 214, DT 101, EIT 233, ELM 120, GIS 109, GRC 119, IS 101, IT 210, MTT 110, WELD 110, 211, 221

Program Requirements: A minimum of 60 total credits is required. Some programs require more. See an advisor to select appropriate courses.

Associate of Arts Degree

The Associate of Arts (AA) degree is designed for persons planning a traditional liberal arts education and wishing to transfer to a four-year college or university. The AA provides for two years of study in general education, and it allows you to begin a pattern of study in such fields as business, English, and social science. You can complete two years of study toward a bachelor's degree and satisfy the requirements summary for an Associate of Arts. GBC, with strong faculty and commitment to higher learning, has always provided solid liberal arts coursework for its students.

Students who pursue the Associate of Arts degree at GBC will gain valuable experience in reading, writing, and thinking. They will be asked to analyze, experience, and evaluate. They will learn much about themselves in the process. They will find GBC offers sophisticated and challenging liberal arts courses taught in a cordial atmosphere by faculty dedicated to teaching.

Associate of Arts Requirements Summary

DEGREE REQUIREMENTS **CREDITS**

GENERAL EDUCATION **(Refer to page 82)**

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Oral Communications 3
COM 113, THTR 102, THTR 221

Evidence-Based Communications 3
ENG 102

Fine Arts 3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

Logical and Scientific Reasoning

Mathematical Reasoning 3
MATH 120, 120E, MATH 126, 126E, higher, or STAT 152

Scientific Reasoning 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103 and NUTR 121

Scientific Data Interpretation 3-4
AST 101, BIOL 100, BIOL 190, CHEM 100, ... CHEM 121, ENV 100, GEOL 101, NUTR 121, PHYS 100, PHYS 151, PHYS 180

Human Societies and Experience

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103; GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

American Constitutions and Institutions: 3
HIST 101/102 (must take both) or PSC 101

Humanities 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, . MUS 125, PHIL 102, PHIL 129, SPAN 111, .. SPAN 112, SPAN 211

Technological Proficiency 3
CIT 129, CS 135, EDU 214, GIS 109, GRC 119, IS 101

FOUNDATIONS

Social Science 3
Any transferrable course 100- or 200-level ANTH (except ANTH 102); CRJ; HIST; PSC; PSY; SOC; ECON 102; ECON 103; GEOG 106

Humanities/Fine Arts 3
Any transferrable course 200-level ENG or 100- or 200-level AM, ART, FIS, FREN, GRC 103, GRC 156, HIST 208, HIST 209, HUM, JOUR, MUS, PHIL, SPAN, THTR

Electives: A minimum of 60 total credits is required. See an advisor to select appropriate courses.

Associate of Science Degree

The Associate of Science (AS) degree is designed to help students use the methods of observation, special analysis, and logic in order to understand the mathematical, biological, and physical nature of the world. The AS degree permits you to make early choices if you are planning a professional life in mathematics, science, engineering, or medicine.

The Associate of Science degree provides study in mathematics, biology, chemistry, geology, astronomy, and physics. The degree is designed to help you appreciate the natural laws of the earth you walk on and the universe you live in.

You should always determine the program requirements of your future college or university when you are planning your schedule.

Associate of Science Requirements Summary

DEGREE REQUIREMENTS **CREDITS**

GENERAL EDUCATION (Refer to page 82)

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Fundamentals of Speech Communication 3
COM 113, THTR 102, THTR 221

Evidence-Based Communications 3
ENG 102

Fine Arts 3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

Logical and Scientific Reasoning

Mathematical Reasoning 3
MATH 126, MATH 126E or higher, or STAT .. 152

Scientific Reasoning 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103 and NUTR 121

Scientific Data Interpretation 3-4
BIOL 190, CHEM 121, GEOL 101, PHYS 151, PHYS 180

Human Societies and Experience

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

American Constitutions and Institutions: 3
HIST 101/102 (must take both) or PSC 101

Humanities 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, . MUS 125, PHIL 102, PHIL 129, SPAN 111, ... SPAN 112, SPAN 211

Technological Proficiency 3
CIT 129; CS 135; EDU 214, GIS 109; GRC 119; IS 101

FOUNDATIONS

Mathematics 2-4
Any MATH 127 or higher, or STAT 152 (Minimum 5 total credits Mathematics)

Sciences 4
Any 4 credit lab science course in BIOL, CHEM, GEOL, PHYS (Minimum 12 total credits Science)

Electives: A minimum of 60 total credits is required. See an advisor to select appropriate courses.

Associate of General Studies Degree

The Associate of General Studies (AGS) degree is designed for individuals who have acquired previous education in a variety of subjects and wish to acquire a degree. This is not designed as a transfer degree.

Associate of General Studies Requirements Summary

	Credits
English/Communications ENG 100, ENG 101, or ENG 107 and ENG 102, ENG 108, or COM 113 (ENG 100 or ENG 101, and ENG 102 is the recommended sequence)	6
Mathematics MATH 116, MATH 116E, MATH 120, MATH 120E, MATH 126, MATH 126E or higher (Includes STAT 152)	3
Science ANTH 102; AST 101; BIOL 100, 190; CHEM 100, 121; ENV 100; GEOG 103; GEOL 101, 132; NUTR 121; PHYS 100, 107, 151	3
Social Science ANTH 101, 201, 202; CRJ 104; ECON 102, 103; GEOG 106; HIST 101, 102; HMS 200; PSC 101; PSC 210; PSY 101, 208; SOC 101 Within the 6 credits, PSC 101, or HIST 101 and 102 are required to meet the U.S. and Nevada Constitutions requirements.	6
Humanities/Fine Arts ART 100, 101, 107, 160, 260, 261; ENG 203, 205, 223; FIS 100; FREN 111, 112; HIST 105, 106, 208, 209; HUM 101, 111, 210; MUS 101, 121, 125; PHIL 102, 129; SPAN 111, 112, 211;THTR 100, 105, 204	3
Emphasis/Additional Program Requirements	39
Minimum Credits	60

Bachelor Degrees

Maintaining Good Standing

You must maintain a minimum cumulative grade-point average of 2.0 for the Bachelor of Applied Science,

Bachelor of Science in Nursing, Bachelor of Arts, and Bachelor of Science or 2.50 for the Bachelor of Arts in Elementary Education and the Bachelor of Arts in Secondary Education in order to progress satisfactorily toward a baccalaureate degree.

In the case of a lapse of professional or ethical behavior, or if a student has engaged in prohibited activities as outlined in Chapter 6, Section 6.2 of the NSHE Code, his/her situation will be reviewed by the appropriate baccalaureate committee, and the student may be either placed on probation or dismissed from the program
.

College-Wide Graduation Requirements
To graduate with a baccalaureate degree, you must adhere to the following requirements:

- You must complete all courses in a prescribed bachelor's degree program. For bachelor's degrees, the catalog year is determined by the year you are accepted into the program, not the year that you declare your degree intent. You may select the program described in the catalog year in which you were initially accepted, or the catalog year in which you will complete the requirements for the bachelor's degree. Whichever catalog is used, it cannot be more than ten years old at the time of graduation. However, some degrees require completion in a shorter time period; please refer to the catalog description of each specific program. If you have had major interruptions in completing your program, you may be required to follow the current catalog.
- To graduate, you must attain a cumulative GPA of at least 2.0, as well as any baccalaureate-specific, cumulative grade-point averages, and any minimum course grades, as stipulated by your particular program.
- You must earn at least half of the number of credits required for a baccalaureate degree at a four-year institution. A minimum number of 120 total credits is required, 42 of which must be upper division. To determine specific credit requirements, see the degree program of your choice.
- You may earn a maximum of 30 college credits by examination. See page 29 for further information.
- You must earn at least 32 credits at GBC. Thus, if you transfer to GBC and are pursuing a baccalaureate degree, you must complete 32 GBC semester credits regardless of the number of semester hours completed elsewhere. You cannot count challenge exam credit, non-traditional credit, career and technical education (CTE) college credit, or developmental courses (courses numbered below 100) as a part of the residency requirement. Credits transferred from other institutions will not be used for academic achievement designation. Students must complete 30 upper-division credits at GBC in order to receive honors designation.
- You must file an application for graduation October 15 or March 15 of the semester in which you wish to graduate. See page 81 for further details.

Earn Two Bachelor's Degrees
You should declare your intention to pursue a second degree in the office of admissions and records.
The courses taken for the second degree must include a minimum of 32 (not including developmental and community service) credits earned in residence beyond the requirement for the first degree.

Students may pursue two bachelor's degrees simultaneously. Each bachelor's degree requires a separate application for admission and a separate application for graduation.

4 Year Plan of Study
The course sequence outlined for each degree is simply a suggestion that may not be appropriate for all students. For example, some students will have to take from one to four developmental courses before they are prepared to take some of the college-level courses. Many students will need to take fewer courses each semester due to other obligations in their lives. Full-time status is 12 credits per semester, but many programs provide students with the flexibility of taking fewer credits (in order to have a successful academic experience). Meeting with an advisor is crucial to establishing the best course sequence for each student.

Bachelor of Applied Science

Student Learning Outcomes
Graduates of the BAS degree program will have the knowledge and skills to:

- Understand the social responsibilities of being a member of a professional community and the ethical values which are integral to personal and professional success.
- Identify and access information and be able to interpret, summarize, synthesize, and convey this information to others using a variety of technology platforms.
- Understand the key concepts and be able to demonstrate the ability to apply the latest knowledge, techniques, concepts ,and tools of a profession to solve problems and address the needs of society, organizations, and individual clients.
- Demonstrate knowledge of the relationship of professionals to society at large, the role of the professional as part of that society, and the ability to analyze how changes in technology will impact the future of their profession and its relationship with society.

- Demonstrate skills and abilities in critical thinking, creativity, communication, and analysis to facilitate career progression in their profession.

Accreditation
The program has been approved by the Northwest Commission on Colleges and Universities.

Mission Statement
The mission of the Bachelor of Applied Science is to fulfill and to extend the mission and philosophy of Great Basin College by providing a distinctive baccalaureate degree that builds upon the technical skills and knowledge acquired in attaining an Associate of Applied Science and, in particular cases, an Associate of Science or Associate of Arts degree. In this endeavor, the program is designed to instill abilities and qualities of competence, personal communication, management, and decision making within a broader context than a single vocation. The program will build on the individual's current vocational abilities and provide additional managerial skills within a specific field of emphasis. Those completing the program should then be prepared to competently and efficiently engage their chosen vocational field as either highly trained technicians or effective managers.

Purpose Statement
The purpose of the Bachelor of Applied Science (BAS) program is to provide a quality and affordable four-year degree to residents of rural Nevada. This degree is particularly suited to accommodate working adults whose schedules may be limited due to work and time constraints.

Contact Information
Bachelor of Applied Science degree program, 775.327.2167 or 775.327.2286.

About the Program
Greater Accessibility
The program is designed for students who have previously completed an associate's degree at an accredited college or university. There are currently six emphases: digital information technology, human services, instrumentation, land surveying/geomatics, management and supervision, and graphic communications. These are particularly attractive to employers of the school's service area and provide an avenue of continuing education for all persons with work experience to complete a baccalaureate degree at Great Basin College.

Meets Employer Demand
The program is intended to build on the student's associate degree curricula, work experience, and maturity. It will provide the student with communication and problem solving skills, management and organizational theories and practice, and a broad liberal arts view of the world and workplace. This training is designed to prepare students for employment in demanding management positions, depending on the emphasis a student selects. The focus in the curriculum on the values of lifelong learning and positive human relation skills will be especially beneficial to graduates of this program.

Program Strengths
This degree program addresses many of the widely acknowledged deficiencies of the traditional bachelor's education. It represents a shift away from a narrow-focused, speciality program to a broader approach with courses taught by colleagues from across all disciplines at the college. This strategic adjustment allows our students to experience a broader array of values and attitudes about their field of study and to enlist the alliance of employers within our service area as educational partners and stakeholders in the success of this degree program. We believe these learning partnerships allow Great Basin College to deliver an innovative training program whose graduates are sought out because:

1. GBC's program is more reflective of the ideal bachelor's educational philosophy: a broad liberal arts exposure.
2. The program instills in its graduates professional ethics and leadership skills needed to make critical decisions.
3. The program supplies students with a unifying operational and practical framework for problem solving; thus, stakeholder value is enhanced and a position of distinctiveness in bachelor's level education in this region is achieved.

GBC's academic approach to the delivery of education will help students become innovative leaders and practitioners in organizations that value continuous renewal of their culture and management approach. This gives our graduates a significant, distinct, comparative advantage in their chosen career fields.

Admission to the Program
Students will be admitted to the program in a full-admission status when all admission requirements have been completed and accepted by the program supervisor and/or emphasis advisors. Students who do not maintain good standing, as defined, will be placed on probationary status. Students on probationary status are not allowed to continue toward completion of the program until they have removed all restrictions. The manner for reinstatement to good standing will be determined by the committee on a case-by-case basis.

To be officially admitted to the Bachelor of Applied Science Program, students should do the following.

STEP 1: Inquiries

As soon as practical, applicants should meet with a faculty program advisor to outline a proposed course of study.

STEP 2: Application Process
Students must present evidence of completion of an associate's degree from a regionally accredited college.

Students should submit transcripts indicating an overall grade-point average (GPA) equal to or greater than 2.0, as calculated by Great Basin College formulas. Students should submit a program application to the admissions and records office before completion of 30 credits in the program.

STEP 3: Follow Up
Students have the responsibility to ensure that official transcripts and any other requirements are actually received by the Admissions and Records Office at Great Basin College.

NOTE: Evaluation of the entrance criteria will be made by the program supervisor and/or emphasis advisors. This processing takes approximately five to six weeks. Students will be notified by a letter from the Program Supervisor upon acceptance/denial.

Pre-admission Information
Some emphases of the program may have their own special admission requirements.

- Completion of an approved electrical program is required before official admission to the Instrumentation program.
- The Management and Supervision emphasis requires an associate's degree in any field, plus a solid foundation in elementary accounting and economics that is evidenced by completion of ACC 201 and either ECON 102 or ECON 103.
- The Graphic Communications emphasis requires an AAS in Computer Technology with a Graphic Communications emphasis for admission, or Program Supervisor permission.
- See the Land Surveying/Geomatics emphasis for a list of prerequisites.
- The Digital Information Technology Emphasis requires an associate's degree and a strong background in computer technology with an emphasis in one of the many computer technology fields, such as networking, information technology, computer office technology, computer programming, GIS, or some other computing field.
- See the Human Services Emphasis for a list of prerequisites.
- Students with a bachelor's degree from a regionally accredited college or university will not be required to take general education courses unless they are listed under the Emphasis Requirements or are needed as prerequisites for more advanced requirements.

Maintaining Good Standing
Students who have been admitted to the Bachelor of Applied Science Program will maintain their status as students in good standing, and be allowed to graduate, if they meet the following requirements:

- Maintain an overall 2.0 cumulative GPA in all GBC courses.
- Maintain a cumulative GPA of 2.0 in all upper-division courses applied to the degree. This includes courses taken at GBC and those transferred from other institutions.
- Refer to specific BAS program emphasis for any variation of requirements .

Total Minimum Credits for BAS.....120
Total Minimum Upper-Division Credits 42

High School

General Studies Certificate —High School Students Only

The general studies certificate provides high school students the opportunity to achieve 30-31 credits of general education courses prior to high school graduation. These courses fit best with an Associate of Arts degree pathway. This certificate pathway provides:

- A dual credit pathway as a guide to students and high school counselors.
- A sense of accountability and independence.
- Documentation of milestones.
- Preparation for the rigor of college.
- A connection for students to seek help.
- Connections between GBC and Nevada high schools.
- One year of courses leading to an associate degree.

High School - Junior Year/Fall Semester

American Constitutions and Institutions 3
HIST 101 (may take PSC 101 with approval of high school counselor)

Fine Arts.....3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

High School - Junior Year/Spring Semester

American Constitutions and Institutions 3
HIST 102 (may take PSC 101 with approval of high school counselor)

Humanities.....3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210 MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112,SPAN 211

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

High School - Junior Year Total: 15

High School - Senior Year/Fall Semester

Communication and Expressions 3
ENG 101

Logical and Scientific Reasoning..... 3
MATH 126, 126E
(MATH 120 is an option for an AA degree, but will require high school counselor approval)

High School - Senior Year/Spring Semester

Communication and Expressions 3
ENG 102

Logical and Scientific Reasoning..... 3
MATH 127 or STAT 152 or other elective if MATH 120 is taken.

Science.....3-4
(For a STEM career, the student would need to choose a course with a lab)

High School - Senior Year Total: 15-16
Certificate Credit Total: 30-31

SUGGESTED COURSE SEQUENCE

Certificate—General Studies

FALL — Junior 1st Semester		Credits
HIST	101	3
Fine Arts*		3
TOTAL		**6**

SPRING — Junior 2nd Semester		Credits
HIST	102	3
Humanities*		3
Structure of Societies*		3
TOTAL		**9**

FALL — Senior 1st Semester		Credits
ENG	101	3
MATH	126 or 126E* (MATH 120**)	3
TOTAL		**6**

SPRING — Senior 2nd Semester		Credits
ENG	102	3
MATH	127 or STAT 152	3
Science*		3-4
TOTAL		**9-10**

Minimum Credits: 30-31

*** Choose with an Advisor**

*** MATH 126E is 3 credits, MATH 26 is remediation and doesn't count towards college or high school credit.**
****MATH 120 is an option for the AA degree, but students will need to check with their counselor for high school credits..**

High School

General Studies Certificate with an Education Emphasis —High School Students Only

This General Education Certificate with an Education emphasis will provide the high school student with 30 credits of general education specific to the GBC BA in Education. This education pathway will allow the student to complete a year of courses towards a BA in Education for Secondary, Elementary, or Early Childhood. The certificate is proposed for the following reasons:

- Provides a pathway to students and high school counselors.
- Allows students to complete one year of education towards a teaching degree.
- Helps to reduce the time to graduate students to address Nevada's teaching needs.
- Documents milestones.
- Builds connections between GBC and Nevada high schools.

Program Information:

- **This program will be available to all eligible dual enrollment students**
- **Students must meet the eligibility requirements determined by their school district.**
- **For forms please visit https://www.gbcnv.edu/academics/dualenrollment.html.**

High School - Junior Year/Fall Semester

American Constitutions and Institutions 3
HIST 101 (may take PSC 101 with approval of high school counselor)

Fine Arts.....3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

High School - Junior Year/Spring Semester

American Constitutions and Institutions 3
HIST 102 (may take PSC 210 with approval of high school counselor)

Structure of Societies (PSY 101 required).....3

HDFS 201 (Elective) 3

High School - Junior Year Total: 15

High School - Senior Year/Fall Semester

Communication and Expressions 3
ENG 101

Logical and Scientific Reasoning..... 3
MATH 126, 126E* (may take MATH 120 with approval of high school counselor)

High School - Senior Year/Spring Semester

Communication and Expressions 3
ENG 102

Logical and Scientific Reasoning..... 3
MATH 127 or STAT 152

EDU 250 or ECE 250..... 3

High School - Senior Year Total: 15
Certificate Credit Total: 30

SUGGESTED COURSE SEQUENCE

Certificate—General Studies

FALL — Junior 1st Semester		Credits
HIST	101	3
Fine Arts*		3
TOTAL		**6**

SPRING — Junior 2nd Semester		Credits
HIST	102	3
PSY	101	3
HDFS	201	3
TOTAL		**9**

FALL — Senior 1st Semester		Credits
ENG	101	3
MATH	126 or 126E*	3
TOTAL		**6**

SPRING — Senior 2nd Semester		Credits
ENG	102	3
MATH	127 or STAT 152 (MATH 120**)	3
EDU	250 or ECE 250	3
TOTAL		**9**

Minimum Credits: 30

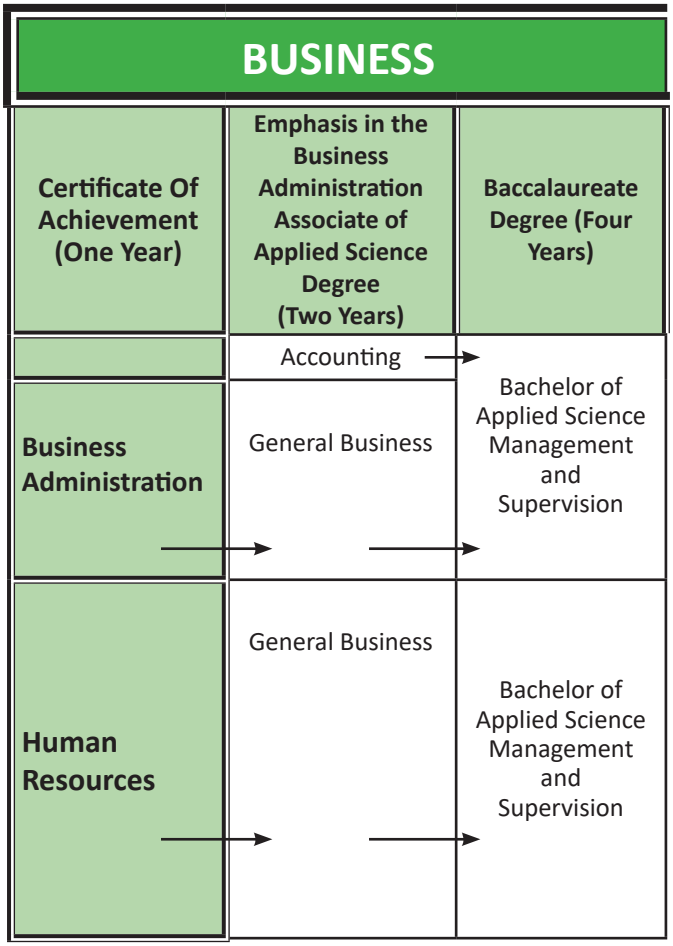
*** Choose with an Advisor**

*** MATH 126E is 3 credits, MATH 26 is remediation and doesn't count towards college or high school credit.**
****MATH 120 is an option for the AA degree, but students will need to check with their counselor for high school credits.**

Business

The overall mission of Great Basin College is supported by the business department's offering of two main tracks of study. For students who are interested in developing skills that can be immediately applied in the workplace, the business department offers two certificates of achievement, the Associate of Applied Science in Business Administration, and one in accounting, and the Bachelor of Applied Science in Management and Supervision. Each of the certificate programs is designed to be the first year of coursework for the associate degree, and the associate degrees are the first two years of coursework for the Bachelor of Applied Science degree. These applied science programs are depicted in the table to the right.

An alternative track is for students with sights on a traditional bachelor's in business administration or a more focused baccalaureate degree in one of the sub-disciplines of accounting, economics, finance, management, or marketing. These students will want to pursue the business pattern of study within the Associate of Arts degree described on page 102 of the catalog. Such a degree is designed to constitute the first two years of study in which the student will transfer to a four-year college or university where the remaining two-years of study will be completed. This pattern of study focuses on a broad background in the arts and sciences with an introduction to the core disciplines of accounting and economics during the first two years of study. In addition to using the Associate of Arts degree as a transfer degree, it can also be used as a stepping stone to the increasing number of bachelor's degrees at GBC as well.



Business

Associate of Applied Science—Business Administration, Accounting Emphasis

Student Learning Outcomes

Accounting is wisely perceived as the language of business. It is through the window provided by accounting information that business owners and managers obtain valuable insights about the success of their efforts. The accounting emphasis at Great Basin College provides opportunities for students to create and maintain accounting records and reports for business enterprises. Students will also develop the necessary competencies to create and analyze financial information for managerial decision making.

Graduates of the AAS in Accounting will have the knowledge and skills to:

- Create a set of self-balancing financial records for a business enterprise.
- Use a manual or automated system of journals and ledgers to maintain a set of books using double-entry methods in accordance with generally accepted accounting principles.
- Prepare a set of financial statements complete with appropriate year-end adjustments and disclosures.
- Use financial information to assist in decision-making processes within a business organization.
- Provide financial information that incorporates ethical insights and is free from fraud or deception.

General Education Requirements	Credits
English/Communications	6
Mathematics	
MATH 126 or 126E or higher, excludes STAT 152	3
Science	3
Social Science—PSC 101	3
Human Relations —MGT 283 (required)	3
Humanities or Fine Arts	3
Technology—IS 101 (required)	3

List of courses fulfilling general education requirements is on page 84.

Program Core Requirements			Credits
ACC	201	Financial Accounting	3
BUS	101	Introduction to Business, or	
MGT	103	Introduction to Small Business Management	3
BUS	273	Business Law I	3
ECON	102	Principles of Microeconomics or	
ECON	103	Principles of Macroeconomics	3
FIN	101	Personal Finance	3

Program Emphasis Requirements			Credits
ACC	105	Taxation for Individuals	3
ACC	202	Managerial Accounting	3
ACC	203	Intermediate Accounting I	3
ACC	204	Intermediate Accounting II	3
ACC	220	Microcomputer Accounting Systems	3
ACC	261	Governmental Accounting	3
BUS	175	Business Data Analytis)	3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Business Administration Accounting Emphasis

FALL—1st Semester		Credits
ACC	201	3
BUS	101 or MGT 103	3
ENG	100 or 101	3
MATH	126 or MATH 126E	3
FIN	101	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ACC	202	3
PSC	101	3
ECON	102 or 103	3
ENG	102	3
MGT	283	3
TOTAL		**15**

FALL—3rd Semester		Credits
ACC	105	3
ACC	203	3
IS	101	3
ACC	220	3
SCIENCE*		3
TOTAL		**15**

SPRING—4th Semester		Credits
ACC	204	3
ACC	261	3
BUSINESS ELECTIVE (ACC 290 recommended)		3
BUS	273	3
HUMANITIES/FINE ARTS*		3
TOTAL		**15**

Minimum Credits: 60

***Select from page 84**

After the AAS in Accounting, the next step could be the Bachelor of Applied Science in Management and Supervision Emphasis. See page 105.

Business

Certificate of Achievement—General Business

Professional Skills and Career Paths

Small business owner, franchise owner, or entry-level manager.

Student Learning Outcomes

Graduates of this certificate program will have the knowledge and skills to:

- Effectively apply appropriate human relations skills in employment situations.
- Determine the wants and needs of customers and understand how to take action to fill those needs.
- Recognize the importance of ethical perspectives in business decision making.

This certificate of achievement is the first step toward award of the AAS degree in Business Administration.

General Education Requirements			Credits
BUS	110	Human Relations for Employment, or	
HMS	200	Human Relations, or	
MGT	283	Introduction to Human Resource Management, or	
PSY	208	Psychology of Human Relations	3
ENG	100	Composition-Enhanced, or	
ENG	101	Composition I, or	
ENG	107	Technical Communications I	3
ENG	102	Composition II, or	
ENG	108	Technical Communications II, or	
COM	113	Fundamentals of Speech Communication	3
MATH 120, 120E, 126, 126E or higher, excludes STAT 152			
MATH 126 or 126E (preferred)			3

Program Requirements	Credits
Accounting, Business, Economics, Finance, Management, or Marketing Electives	15

General Electives 3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—General Business

Spring—1st Semester		Credits
BUSINESS ELECTIVE		9
ENG	100 or 101, or ENG 107	3
MATH	126 or 126E	3
TOTAL		**15**

Fall—2nd Semester		Credits
BUSINESS ELECTIVE		6
ELECTIVE		3
ENG	102 or ENG 108, or COM 113	3
BUS 110, HMS 200, PSY 208, or MGT 283		3
TOTAL		**15**

Minimum Credits: 30

Business

Associate of Applied Science—Business Administration, General Business Emphasis

Student Learning Outcomes

Students who choose to pursue a degree in business administration at GBC will take classes from seasoned professionals who have many years of both practical work experience and teaching. Faculty subscribe to the notion that people of all ages and backgrounds are capable of personal growth and that a stimulating, engaging educational experience enhances that development. We believe that acumen in business is critical for personal and community economic/social success. Specifically, the business department is committed to: 1) developing individuals who recognize their social obligation as business persons; 2) preparing students to assume responsibilities as business owners, managers, and/or employees; 3) providing the business community with persons educated, skilled, and knowledgeable in a variety of useful careers; and 4) developing prospective employees with positive attitudes, including an enthusiasm for life long learning.

Graduates of the AAS in General Business will have the knowledge and skills to:

- Recognize and appreciate the importance of profitability as necessary and worthwhile.
- Successfully promote and market goods and service.
- Critically analyze and solve structured business problems.
- Distinguish management functions of planning, organizing, directing, leading, and controlling.

General Education Requirements	Credits
English/Communications	6
Mathematics	3
MATH 126, MATH 126E or higher, excludes STAT 152	
Science	3
Social Science—PSC 101	3
Human Relations—MGT 283 (required)	3
Humanities or Fine Arts	3
Technology—IS 101 (required)	3

Program Core Requirements			Credits
ACC	201	Financial Accounting	3
BUS	101	Introduction to Business, or	
MGT	103	Introduction to Small Business Management	3
BUS	273	Business Law I	3
ECON	102	Principles of Microeconomics or	
ECON	103	Principles of Macroeconomics	3
FIN	101	Personal Finance	3

Program Emphasis Requirements			Credits
ACC	202	Managerial Accounting	3
ECON	104	Current Economic Issues	3
IS	201	Computer Applications	3
MGT	201	Principles of Management	3
MKT	210	Marketing Principles	3
MKT	127	Introduction to Retailing, or	
MKT	211	Introduction to Professional Sales	3
BUS	175	Business Data Analytis)	3

SUGGESTED COURSE SEQUENCE (Refer to page 90) AAS—Business Administration General Business Emphasis

FALL—1st Semester		Credits
ACC	201	3
BUS	101 or MGT 103	3
ENG	100 or 101	3
MATH	126 or MATH 126E	3
FIN	101	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ACC	202	3
ECON	102 or 103	3
ENG	102	3
MGT	283	3
SCIENCE*		3
TOTAL		**15**

FALL—3rd Semester		Credits
ECON	104	3
IS	101	3
MKT	210	3
PSC	101	3
BUSINESS ELECTIVE**		3
TOTAL		**15**

SPRING—4th Semester		Credits
BUS	273	3
IS	201	3
HUMANITIES/FINE ARTS*		3
MGT	201	3
MKT	127 or 211	3
TOTAL		**15**

Minimum Credits: 60

***Select from page 84**

****Choose with an advisor**

After the AAS in General Business, the next step could be the Bachelor of Applied Science in Management and Supervision. See page 105.

Business

Associate of Arts—Business (Pattern of Study)

Student Learning Outcomes

The suggested pattern of study for an Associate of Arts degree focusing on business is designed primarily for students planning to continue their education at the baccalaureate level. It provides students with a broad background in the arts, sciences, and mathematics, with a solid introduction to the discipline of business. This broad educational background provides the basis for more in-depth studies of accounting, economics, finance, management, or marketing in the remainder of the student's academic career. The general education portion of this pattern of study provides some flexibility in specific course selections that meet the general education requirements at Great Basin College. Students planning to continue their education beyond the AA degree by transferring to another institution should check the requirements of that institution early so that appropriate specific courses can be chosen as part of this pattern of study.

This pattern of study is designed specifically to meet the lower-division requirements at four-year institutions, but students should be aware that each institution varies slightly in its requirements. Students who plan on transferring to any particular college or university should consult with an advisor in order to assure appropriate lower-level courses are taken at Great Basin College. In a few cases where an institution requires a specific course that is not offered at GBC, students may need to take one or more lower-division cores at the institution to which they transfer. All the courses in this program are available in the online format.

Graduates with an AA degree who follow the business pattern of study will have the knowledge and skills to do the following:

- Apply effective communication skills.
- Analyze and utilize fundamental accounting processes and financial statements.
- Demonstrate the importance of marketing principles in the context of a successful business enterprise in various environments.
- Identify the subjectivity of the voluntary choices individuals make in the economy through marginal decision-making and analyzing supply and demand.

Degree Requirements **Credits**

General Education
Communications and Expressions
Written Communications: ENG 100 or 101 3
Oral Communications: COM 113 (required) 3
Evidence-Based Communications: ENG 102 3
Fine Arts 3
ART 100, ART 101, ART 107, MUS 101, THTR 100, THTR 105, THTR 204

Logical and Scientific Reasoning
Mathematical Reasoning: 3
Required: MATH 126 OR 126E and MATH 127, or MATH 128
Scientific Reasoning: 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103 and NUTR 121
Scientific Data/Interpretation: 4
BIOL 190, CHEM 121, GEOL 101, PHYS 151, PHYS 180

Human Societies and Experience
Structure of Societies—ECON 102 (required) 3
American Constitutions and Institutions 3
HIST 101/102 (must take both), PSC 101 (preferred)
Humanities—PHIL 102 (required) 3

Technological Proficiency—IS 101 (required) 3

Foundations
Social Science—ECON 103 (required) 3
Humanities/Fine Arts: 3
Any transferable course 200-level ENG, or 100- or 200-level AM, ART, FIS, FREN, GRC 103, GRC 156, HIST 208, HIST 209, HUM, JOUR, MUS, PHIL, SPAN, THTR

Program Requirements

ACC	201	Financial Accounting	3
ACC	202	Managerial Accounting	3
MATH	127	Precalculus II, or	
MATH	128	Precalculus and Trigonometry	2

(Minimum 5 credits mathematics required for program)

MKT	210	Marketing Principles	3

General Electives (Choose with advisor) 9

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

SUGGESTED COURSE SEQUENCE
(Refer to page 91)
AA—Business

FALL—1st Semester		Credits
ACC	201	3
ECON	102	3
ENG	100 or 101	3
MATH	126 or MATH 126E & MATH 127 or MATH 128	5
SCIENTIFIC REASONING*		3-4
TOTAL		**17-18**

SPRING—2nd Semester		Credits
ACC	202	3
COM	113	3
ECON	103	3
ENG	102	3
GENERAL ELECTIVE**		3
TOTAL		**13**

FALL—3rd Semester		Credits
MKT	210	3
BIOL 190, CHEM 121, GEOL 121, PHYS 151, PHYS 180		4
GENERAL ELECTIVE**		3
PSC	101	3
TOTAL		**13**

SPRING—4th Semester		Credits
FINE ARTS*		3
HUMANITIES/FINE ARTS*		3
IS	101	3
PHIL	102	3
GENERAL ELECTIVE**		3
TOTAL		**15**

Minimum Credits: 60

***Select from page 83**

****Choose with an advisor**

After the AA in Business, the next step could be the Bachelor of Applied Science in Management and Supervision. See page 105.

Business

Certificate of Achievement—Human Resources

Professional Skills and Career Paths

Ethical decision-making, interpersonal communication, critical thinking, research human resource generalist, benefits clerk, human resource assistant, human resource liaison, human resource application/resume reviewer.

Student Learning Outcomes

Graduates of this certificate program will have the knowledge and skills to:

- Examine the voluntary nature of business activity and develop an appreciation for the reality that choices affect profitability and success in a business enterprise.
- Apply appropriate human resource and relations skills in employment situations.
- Evaluate the importance of ethical perspectives in human resource decision making.
- Determine the wants and needs of internal customers, and understand how to take action to fill those needs within the constraints of business organization and of the broader society.

This certificate of achievement is the first step toward award of the AAS in Business Administration.

General Education Requirements			**Credits**
ENG	100	Composition-Enhanced, or	
ENG	101	Composition I, or	
ENG	107	Technical Communications I	3
MATH	120, 120E, 126, 126E or higher, excludes STAT 152		
	MATH 126 or MATH 126E (preferred)		3
PSY	208	Psychology of Human Relations	3

Program Requirements			**Credits**
Accounting, Business, Economics, Finance, Management, or Marketing Electives			6
ENG	102	Composition II, or	
ENG	108	Technical Communications II, or	
COM	113	Fundamentals of Speech Communication	3
MGT	201	Principles of Management	3
MGT	280	Negotiation and Conflict Resolution	3
MGT	283	Human Resource Management	3

General Elective (Choose with an Advisor) 3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Human Resources

FALL—1st Semester		**Credits**
ENG	100 or 101, or ENG 107	3
MATH	126 or MATH 126E	3
Elective*		3
MGT	280	3
BUSINESS ELECTIVE*		3
TOTAL		**15**

SPRING—2nd Semester		**Credits**
ENG	102 or 108 or COM 113	3
MGT	201	3
PSY	208	3
MGT	283	3
BUSINESS ELECTIVE*		3
TOTAL		**15**

Minimum Credits: 30
***Choose with an advisor**

Business

Bachelor of Applied Science—Management and Supervision Emphasis

Student Learning Outcomes

Graduates with a BAS with an emphasis in management and supervision will be able to:

- Interpret and analyze business situations, identify concerns, and recommend solutions.
- Demonstrate theoretical and practical understanding of concepts, models and approaches associated with effective leadership.
- Recognize the broad contexts within which businesses operate and recognize that this context is global.
- Demonstrate an appreciation of perspectives associated with other cultures.

See page 93 for important additional information about the Bachelor of Applied Science Program.

Pre-requirements			**Credits**
ACC	201	Financial Accounting	3
ECON	102	Principles of Microeconomics, or	
ECON	103	Principles of Macroeconomics	3

General Education Requirements (Beyond those required for AAS)			**Credits**
COM	113	Fundamentals of Speech Communication, or	
THTR	102	Introduction to Stage Voice, or	
THTR	221	Oral Interpretation	3
PHIL	311	Professional Ethics (formerly ECON 311)	3
ENG	333	Professional Communications	3
STAT	152	Principles of Statistics I, or	
MATH	181	Calculus I (Mathematics prerequisites apply)	3-4
INT	339	Integrative Humanities Seminar	3
INT	349	Integrative Social Science Seminar	3
INT	359	Integrative Mathematics Seminar	3

Total Credits 21-22

Applied Science Core Requirements			**Credits**
INT	369	Integrative Science Seminar or	
PHYS	152	General Physics or	
PHYS	181	Physics for Scientists and Engineers II	3-4
FIN	310	Applied Accounting and Finance	3
MGT	310	Foundations of Management Theory and Practice	3
MGT	323	Organizational and Interpersonal Behavior, or	
MGT	367	Human Resource Management**	3

Total Credits 12-13

Program Emphasis Requirements			**Credits**
BUS	273	Business Law	3
ECON	365	Labor Economics	3
INT	301	Integrative Research Methodology	3
IS	301	Management Information Systems	3
MKT	210	Marketing Principles	3
MGT	323	Organizational and Interpersonal Behavior, or	
MGT	367	Human Resource Management**	3
MGT	441	Operational Quality Control and Problem Solving	3
MGT	480	International Management	3
MGT	482	Leadership Progression in Thought (Capstone)	3
MGT	487	Entrepreneurship	3

Total Credits 30

**MGT 323 and MGT 367 are both required for the degree.

Note: All students graduating from Nevada institutions of higher education must satisfy the U.S. and Nevada Constitutions requirement. Contact your academic advisor for details.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BAS—Management and Supervision Emphasis

FALL—1st Semester		Credits
ACC	201	3
BUS	101 or MGT 103	3
ENG	100 or 101	3
FIN	101	3
MATH	126 or MATH 126E	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ACC	202	3
ECON	102 or 103	3
ENG	102	3
MGT	283	3
SCIENCE*		3
TOTAL		**15**

FALL—3rd Semester		Credits
ECON	104	3
IS	101	3
MKT	210	3
PSC	101	3
BUSINESS ELECTIVE**		3
TOTAL		**15**

SPRING—4th Semester		Credits
BUS	273	3
IS	201	3
HUMANITIES/FINE ARTS*		3
MGT	201	3
MKT	127 or 211	3
TOTAL		**15**

FALL—5th Semester		Credits
INT	301	3
ENG	333	3
MGT	310	3
PHIL	311 (formerly ECON 311)	3
STAT	152 or MATH 181	3-4
TOTAL		**15-16**

SPRING—6th Semester		Credits
INT 369, PHYS 152, or PHYS 181		3-4
COM 113, THTR 102, or THTR 221		3
FIN	310	3
INT	339	3
MGT	323	3
TOTAL		**15-16**

FALL—7th Semester		Credits
BUS	273	3
ECON	365	3
INT	349	3
IS	301	3
MGT	480	3
TOTAL		**15**

SPRING—8th Semester		Credits
INT	359	3
MGT	367	3
MGT	441	3
MGT	482	3
MGT	487	3
TOTAL		**15**

Minimum Credits: 120

***Refer to page 84**
****Choose with an advisor**

Note: Transfer students may need to take PSC 101 or PSC 100 to meet the US and Nevada Constitution requirement.

Career and Technical Education

Career and Technical Education Admission

Admission standards for the Career and Technical Education (CTE) Associate of Applied Science and Certificate of Achievement in Diesel Technology, Electrical Systems Technology, Instrumentation Technology, Industrial Maintenance Technology, and Welding Technology are listed below:

Priority Application Deadline: March 15

Prospective students are required to formally apply for admission to the Career and Technical Education (CTE) department. To do so:

1. The prospective student needs to complete the online application at https://www.gbcnv.edu/financial/mtc.html. Applications are due March 15th.

2. Along with the CTE department admissions application form, the student can apply for the Maintenance Training Cooperative Scholarship which requires:
   a. a resumé.
   b. a letter of intent.
   c. high school transcripts or HSE scores if applicable, military training records if applicable, and/or higher education records if applicable.
   d. by March 15, the prospective student needs to submit ACT or SAT scores or take the placement tests for Mathematics and English at the GBC Academic Success Center in Elko or at any GBC center.
   e. A Bennett Mechanical Aptitude Test will be completed by student after application has been accepted.

Admission Criteria

The Career and Technical Education (CTE) department will admit a limited number of students to the CTE department area programs each year. Admission is on a competitive basis. When there are more qualified applicants than there are available spaces in the programs, preference will be given to those with the highest qualifications. Meeting minimum application criteria does not guarantee admission to the program. Those students who meet or exceed the minimum criteria but who are not admitted may reapply in future years. Please check with the program advisor for more information.

For more information about any Career and Technical program, contact 775.327.2287.

Career and Technical Education

Certificate of Achievement—Diesel Technology

Professional Skills and Career Paths

Entry level diesel technician, parts professional, lubrication technician, auto/diesel technician, entry-level heavy equipment technician, entry-level diesel engine technician, entry-level hydraulic technician.

Student Learning Outcomes

The Certificate of Achievement in Diesel Technology program is designed for the student who desires a highly technical and challenging field.

Because of the intensity of the program, students will be very close to AAS degree completion and are encouraged to pursue the degree.

Graduates of the Diesel Technology certificate program will have the knowledge and skills to:

- Analyze and solve problems related to heavy equipment operation.
- Identify diesel engine design and maintain, repair, and troubleshoot them.
- Demonstrate proper use of tools related to the repair and maintenance of heavy equipment.
- Identify, repair, and maintain mobile equipment with hydraulic systems.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

Formal admission to this program is required. Refer to page 107 for an outline of admission standards.

General Education Requirements	**Credits**
English/Communications. Determined by placement testing ENG 100, 101, 103, or 107	3
Computation — Any course with a MATH prefix	3

Program Requirements			**Credits**
DT	100	Shop Practices	3
DT	101	Basic Diesel Engines	5.5
DT	102	Basic Vehicle Electronics	8
DT	105	Mobile Air Conditioning	2
DT	106	Heavy Equipment Transmission and Power Train	8
DT	201	Diesel Brakes and Pneumatics	2.5
DT	215	Electronic Diesel Engines	8
IT	208	Fluid Power	8
WELD	136	Welding for the Maintenance Technician I	3
WELD	235	Welding for the Maintenance Technician II	3

SUGGESTED COURSE SEQUENCE (Choose with an Advisor) Certificate of Achievement—Diesel Technology

FALL—1st Semester		**Credits**
DT	100	3
DT	101	5.5
DT	102	8
DT	215	8
WELD	136	3
COMPUTATION*		3
ENGLISH*		3
TOTAL		**33.5**

SPRING—2nd Semester		**Credits**
DT	105	2
DT	106	8
DT	201	2.5
IT	208	8
WELD	235	3
TOTAL		**23.5**

Minimum Credits: 57

***Refer to page 90**

Career and Technical Education

Associate of Applied Science—Diesel Technology

Student Learning Outcomes

Diesel Technology is a complex field and demands highly skilled technicians. Completion of the program prepares students with specialized training in the repairing, maintaining, troubleshooting, reconditioning, and rebuilding of diesel vehicles and equipment. GBC's program includes extensive classroom lecture and laboratory training on state-of-the-art equipment, as well as training in customer service and report writing.

Graduates of the AAS in Diesel Technology program will have the knowledge and skills to:

- Analyze and solve problems related to heavy equipment operation.
- Identify diesel engine design and maintain, repair, and troubleshoot them.
- Demonstrate proper use of tools related to the repair and maintenance of heavy equipment.
- Identify, repair, and maintain mobile equipment with hydraulic systems.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

Formal admission to this program is required. Refer to page 107 for an outline of admission standards.

General Education Requirements	**Credits**
English/Communications	6
ENG 100 or ENG 101 and ENG 102 or ENG 107 and ENG 108	
Mathematics	3
MATH 116, 116E, 120, 120E, 126, 126E, or higher, or STAT 152	
Science—PHYS 107 (recommended)	3
Social Science—PSC 101	3
Humanities or Fine Arts	3
ART 101 or THTR 204 (recommended)	
Technology—DT 101 (required)	3

Program Requirements			**Credits**
DT	100	Shop Practices	3
DT	101	Basic Diesel Engines	5.5
DT	102	Basic Vehicle Electronics	8
DT	105	Mobile Air Conditioning	2
DT	106	Heavy Duty Transmission and Power Train	8
DT	201	Diesel Brakes and Pneumatics	2.5
DT	215	Electronic Diesel Engines	8
IT	208	Fluid Power	8
WELD	136	Welding for the Maintenance Technician I	3
WELD	235	Welding for the Maintenance Technician II	3

SUGGESTED COURSE SEQUENCE
(Choose with an Advisor)
AAS—Diesel Technology

FALL—1st Semester		**Credits**
DT	100	3
DT	101	5.5
DT	102	8
DT	215	8
ENGLISH*		3
MATH		3
PSC	101	3
WELD	136	3
HUMANITIES/FINE ARTS*		3
TOTAL		**39.5**

SPRING—2nd Semester		**Credits**
DT	105	2
DT	106	8
DT	201	2.5
ENGLISH*		3
IT	208	8
SCIENCE*		3
WELD	235	3
TOTAL		**29.5**

Minimum Credits: 69

***Refer to page 84**

After the AAS in Diesel Technology, the next step could be the Bachelor of Applied Science in Management and Supervision Emphasis. See page 105.

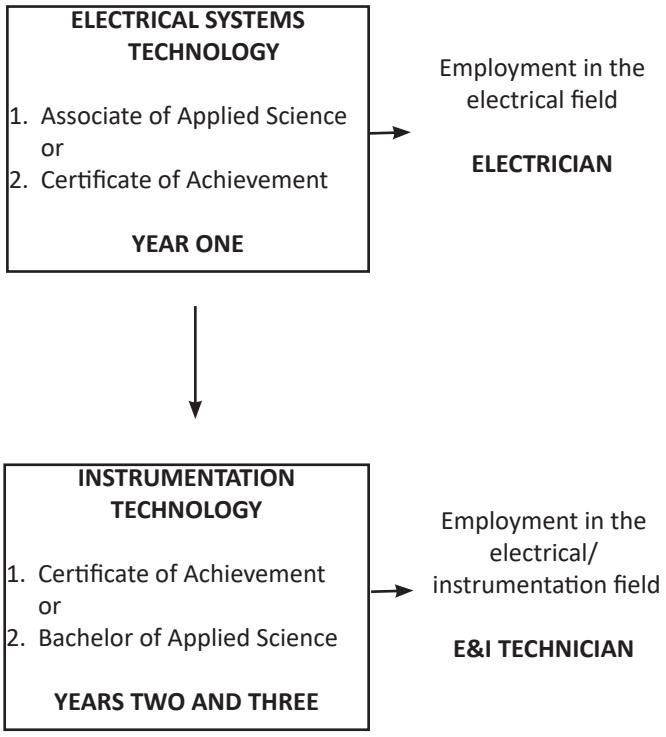
Electrical Systems/ Instrumentation Technology Programs

Great Basin College has programs that specialize in training students for entry-level employment in electrical systems and instrumentation fields. Each program by itself meets important industry demands. However, the unique combination—E&I, electrical and instrumentation technology—provides entry into one of the most promising and least crowded fields in technology today.

Preparation of learning outcomes in our department include a thorough study of industry requirements for the trade (particularly with ISA, Instrumentation Systems and Process Automation). This organization is the default standard in instrumentation for the country and most of the industrialized world. Additionally, we listened to our advisory board, including members of local industries, mines, and government agencies. Proposed learning outcomes were reviewed and modified by this group to adapt more closely to their requirements.

Note: Entry into the Instrumentation program requires an Associate of Applied Science or Certificate in Electrical Systems Technology (or equivalency in a related field, based upon department approval). If students enter the program with appropriate technical skills but lack an official Associate of Applied Science or Certificate of Achievement from an accredited institution, they must complete one course in each of the following areas:

1. MATH 116 or 116E
2. BUS 110 or PSY 208 or MGT 283
3. ENG 100, 101, 107, or 108



Certificate of Achievement—Electrical Systems Technology

Professional Skills and Career Paths

Open pit electrician, underground mine electrician, manufacturing electrician, service electrician, industrial electrician.

Student Learning Outcomes

The Certificate of Achievement in Electrical Systems Technology program is designed for students who desire employment in electrical work and the opportunity to develop their electrical skills through on-the-job training. Electrical courses are on a non-traditional schedule. Because of the intensity of the program, students will be very close to AAS degree completion and are encouraged to pursue the degree.

This program prepares students to work in diverse industries including mining, manufacturing, power plants, power distribution, construction, sales, machine control, water resource management, and gaming. Graduates of the Electrical Systems Technology certificate program will have the knowledge to:

- Analyze and interpret graphical information found on schematics, blueprints, and diagrams.
- Identify, use, and maintain motor and computer-based control systems.
- Have a firm understanding of theories that apply to the electrical trade.
- Interpret and properly apply the National Electrical Code to electrical installations.
- Demonstrate the proper use of tools used in the electrical field/industry.
- Design, construct, and troubleshoot various electrical systems used in commercial and industrial settings.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

Formal admission to this program is required. Refer to page 107 for an outline of admission standards.

General Education Requirements	Credits
English/Communications	
ENG 100, 101, 103, or 107.	3
Computation — Any course with a MATH prefix	3
Human Relations	
BUS 110 (recommended)	1-3

Program Requirements			Credits
ELM	112	Electrical Theory, DC	3.5
ELM	120	Low Voltage Systems	3
ELM	121	Circuit Design	2
ELM	122	AC Theory	4
ELM	123	Solid State	2
ELM	124	DC Generators, Motors, and Controls	2
ELM	125	AC Motors and Alternators	2
ELM	126	Motor Maintenance	2
ELM	127	Introduction to AC Controls	2.5
ELM	128	Transformers and Industrial Lighting	4
ELM	131	National Electric Code	2.5
ELM	132	Digital Concepts	2
ELM	133	Advanced AC Controls	4
ELM	134	Introduction to Programmable Logic Controllers	2.5
ELM	135	National Electric Code 430	1
ELM	136	Programmable Controller's Applications	2.5
ELM	141	Blueprint Reading	2
ELM	142	Raceways	2.5
ELM	143	Wiring Techniques	3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Electrical Systems Technology

FALL—1st Semester		Credits
ELM	112	3.5
ELM	120	3
ELM	121	2
ELM	122	4
ELM	124	2
ELM	128	4
ELM	142	2.5
ELM	141	2
ENGLISH*		3
COMPUTATION*		3
TOTAL		**29**

SPRING—2nd Semester		Credits
ELM	123	2
ELM	125	2
ELM	126	2
ELM	127	2.5
ELM	131	2.5
ELM	132	2
ELM	133	4
ELM	134	2.5
ELM	135	1
ELM	136	2.5
ELM	143	3
HUMAN RELATIONS*		1-3
TOTAL		**27-29**

Minimum Credits: 56

***Choose with an advisor**

Employer Sponsored Pathway Certificate of Achievement—Electrical Systems Technology

- Students interested in this program must have instructor approval to enroll.
- This program is available only to students who are working in an electrical field.
- Student's employer must be willing to work with GBC faculty to provide practical lab experiences.
- Students receive electrical theory instruction through online delivery and lab instruction by attending classes on campus and through their employer.
- For more information, contact the CTE department at 775.327.2287.

Substitute the following program requirements:

ELM	101	Electrical Workforce Training I	7
ELM	102	Electrical Workforce Training II	7
ELM	103	Electrical Workforce Training III	7
ELM	104	Electrical Workforce Training IV	7
ELM	105	Electrical Workforce Training V	7
EIT	233	Introduction to Instrumentation	4

***To achieve a Certificate of Achievement in Electrical Systems Technology, additional General Education classes are required.*

Associate of Applied Science—Electrical Systems Technology

Professional Skills and Career Paths

Open pit electrician, underground mine electrician, manufacturing electrician, service electrician, I&E industrial electrician

Student Learning Outcomes

This program prepares graduates to work in diverse industries including mining, manufacturing, power plants, power distribution, construction, sales, machine control, water resource management, and gaming. Graduates of the Electrical Systems Technology AAS degree program will have the knowledge and skills to:

- Analyze and interpret graphical information found on schematics, blueprints, and diagrams.
- Identify, use, and maintain motor and computer-based control systems.
- Have a firm understanding of theories that apply to the electrical trade.
- Interpret and apply the National Electrical Code to electrical installations.
- Demonstrate the proper use of tools used in the electrical field and industry.
- Design, construct, and troubleshoot various electrical systems used in commercial and industrial settings.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

Formal admission to this program is required. Refer to page 90 for an outline of admission standards.

General Education Requirements	Credits
English/Communications	6
ENG 100 or ENG 101 and ENG 102 or ENG 107 and ENG 108	
Mathematics	3
MATH 116, 116E, 120, 120E, 126, 126E, or higher, or STAT 152	
Science—PHYS 107 (recommended)	3
Social Science—PSC 101	3
Human Relations	
BUS 110 (recommended)	3
Humanities or Fine Arts	3
ART 101 or THTR 204 (recommended)	
Technology—ELM 120 (required)	3

Program Requirements			Credits
ELM	112	Electrical Theory, DC	3.5
ELM	120	Low Voltage Systems	3
ELM	121	Circuit Design	2
ELM	122	AC Theory	4
ELM	123	Solid State	2
ELM	124	DC Generators, Motors, and Controls	2
ELM	125	AC Motors and Alternators	2
ELM	126	Motor Maintenance	2
ELM	127	Introduction to AC Controls	2.5
ELM	128	Transformers and Industrial Lighting	4
ELM	131	National Electric Code	2.5
ELM	132	Digital Concepts	2
ELM	133	Advanced AC Controls	4
ELM	134	Introduction to Programmable Logic Controllers	2.5
ELM	135	National Electric Code 430	1
ELM	136	Programmable Controllers Applications	2.5
ELM	141	Blueprint Reading	2
ELM	142	Raceways	2.5
ELM	143	Wiring Techniques	3

Employer Sponsored Pathway Associate of Applied Science—Electrical Systems Technology

- Students interested in this program must have instructor approval to enroll.
- This program is available only to students who are working in an electrical field.
- Student's employer must be willing to work with GBC faculty to provide practical lab experiences.
- Students receive electrical theory instruction through online delivery and lab instruction by attending classes on campus and through their employer.
- For more information, contact the CTE department at 775.327.2287.

Substitute the following program requirements:

ELM	101	Electrical Workforce Training I	7
ELM	102	Electrical Workforce Training II	7
ELM	103	Electrical Workforce Training III	7
ELM	104	Electrical Workforce Training IV	7
ELM	105	Electrical Workforce Training V	7
EIT	233	Introduction to Instrumentation	4

***To achieve a Certificate of Achievement in Electrical Systems Technology, additional General Education classes are required.*

After the AAS in Electrical Systems Technology, the next steps could be the Certificate of Achievement in Instrumentation and then the Bachelor of Applied Science in Instrumentation. See page 116.

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Electrical Systems Technology

FALL—1st Semester		Credits
BUS	110	3
ELM	112	3.5
ELM	120	3
ELM	121	2
ELM	122	4
ELM	124	2
ELM	128	4
ELM	141	2
ELM	142	2.5
ENGLISH*		3
HUMANITIES/FINE ARTS*		3
MATH	116, 116E, 120, 120E, 126, 126E or higher , or STAT 152	3
PSC	101	3
TOTAL		**38**

SPRING—2nd Semester		Credits
ELM	123	2
ELM	125	2
ELM	126	2
ELM	127	2.5
ELM	131	2.5
ELM	133	4
ELM	132	2
ELM	134	2.5
ELM	135	1
ELM	136	2.5
ELM	143	3
ENGLISH*		3
SCIENCE*		3
TOTAL		**32**

Minimum Credits: 70

***Choose with an advisor**

Career and Technical Education

Certificate of Achievement—Instrumentation Technology

Professional Skills and Career Paths

Mining instrumentation technician, water treatment instrumentation technician, pharmaceutical instrumentation technician, elevator instrumentation technician, food processing instrumentation technician, manufacturing instrumentation technician, power generator instrumentation technician, process control systems technician, process automation technician.

Student Learning Outcomes

The knowledge and skills taught in the Certificate of Achievement in Instrumentation Technology program were developed through a study of industry requirements for the trade, particularly with the association of Instrumentation Systems and Process Automation. Additional input was given by the advisory board and members of local industries, mines, and government agencies.

Graduates of the Instrumentation Certificate Program will have the knowledge and skills to:

- Understand the role of measurement and control in industrial processes.
- Interpret measurement and control terminology.
- Compare the methods of devices used in temperature, pressure, level, flow, and analytical measurement.
- Understand the operation and components of a feedback control loop.
- Apply ISA standards to interpret symbols and documentation.
- Connect, calibrate, and operate various measurement and testing devices.
- Interpret manufacturer's instructions to correctly install and maintain pneumatic instruments.
- Build and tune a feedback control loop and apply the concepts of PID control.
- Calibrate and align pressure and temperature transmitters, calculating span and range values for various applications.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

Formal admission to this program is required. Refer to page 107 for an outline of admission standards. The following one-year program leads to a certificate in Instrumentation Technology.

Prerequisite: AAS or Certification in Electrical Systems Technology (or equivalency, based upon instructor approval). If students enter the program with appropriate technical skills but lack an official AAS or CA from an accredited institution, they will be required to complete one course in each of the following three areas:

1. MATH 116, 116E
2. BUS 110, PSY 208, or MGT 283
3. COM 113 or ENG 100, 101, 107, or 108, determined by placement testing.

Non-traditional credit or credit by examination may be possible. See an advisor for more information.

General Education Requirements	**Credits**
English/Communications	
COM 113, ENG 100, 101, 107, 108	3
Computation	3
MATH 116, 116E, 120, 120E, 126, 126E or higher, or STAT 152	
Human Relations	
BUS 110 (recommended)	1-3

Program Requirements			**Credits**
BUS	102	Introduction to Entrepreneurship, or	
MGT	103	Introduction to Small Business Management	3
EIT	233	Introduction to Instrumentation	4
EIT	240	Advanced Topics in Instrumentation	2
EIT	315	Pressure, Level, Flow Measurement	4
EIT	323	Installation and Configuration	3
EIT	333	Process (Piping) and Instrument Diagrams (P&IDs)	3
EIT	336	Control Valves and Regulators	4
EIT	348	Temperature Measurement and Control	3
EIT	368	Measurement Systems Analysis	2
EIT	437	Introduction to Control Systems	3
EIT	468	Advanced Control Systems	3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Instrumentation Technology

FALL—1st Semester		**Credits**
EIT	233	4
EIT	315	4
EIT	323	3
EIT	333	3
EIT	368	2
ENGLISH*		3
COMPUTATION*		3
TOTAL		**22**

SPRING—2nd Semester		**Credits**
EIT	240	2
EIT	336	4
EIT	348	3
EIT	437	3
EIT	468	3
BUS	102 or MGT 103	3
HUMAN RELATIONS*		1-3
TOTAL		**19-21**

Minimum Credits: 41

***Choose with an advisor**

Career and Technical Education

Bachelor of Applied Science—Instrumentation Emphasis

Student Learning Outcomes

Graduates with a BAS with an emphasis in instrumentation will be able to:

- Interpret and apply the concepts of process control as related to current industry standard.
- Appraise and interpret measurements of temperature, pressure, flow, and levels.
- Evaluate and install, maintain, calibrate, program, and replace the control and monitoring equipment used in industrial process automation.
- Apply critical thinking skills, time management, and analytical thinking to solve technical problems while demonstrating knowledge of the industry terminology and nomenclature needed to communicate with industry technicians.
- Demonstrate knowledge of business practices and principles at a level sufficient for either operating their own business or to serve as a manager for a business entity.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

See page 93 for important additional information about the Bachelor of Applied Science program.

General Education Requirements (beyond those required for AAS)			**Credits**
COM	113	Fundamentals of Speech Communication, or	
THTR	102	Introduction to Stage Voice, or	
THTR	221	Oral Interpretation	3
ENG	333	Professional Communications	3
STAT	152	Principles of Statistics I, or	
MATH	181	Calculus I	3-4
INT	339	Integrative Humanities Seminar	3
INT	349	Integrative Social Science Seminar	3
INT	359	Integrative Mathematics Seminar	3
PHIL	311	Professional Ethics (formerly ECON 311)	3
Total Credits			**21-22**

Applied Science Core Requirements			
INT	369	Integrative Science Seminar, or	
PHYS	152	General Physics, or	
PHYS	181	Physics for Scientists and Engineers II	3-4
FIN	310	Applied Accounting and Finance	3
MGT	310	Foundations of Management Theory and Practice	3
MGT	323	Organizational Behavior and Interpersonal Behavior, or	
MGT	367	Human Resource Management	3
Total Credits			**12-13**

Program Emphasis Requirements			
EIT	233	Introduction to Instrumentation	4
EIT	240	Advanced Topics in Instrumentation	2
EIT	315	Pressure, Level, Flow Measurement	4
EIT	323	Installation and Configuration	3
EIT	333	Process (Piping) and Instrument Diagrams (P&IDs)	3
EIT	336	Control Valves and Regulators	4
EIT	348	Temperature Measurement and Control	3
EIT	368	Measurement Systems Analysis	2
EIT	437	Introduction to Control Systems	3
EIT	468	Advanced Control Systems (Capstone)	3
MGT	441	Operational Quality Control and Problem Solving	3
Total Credits			**34**

Note: All students graduating from Nevada institutions of higher education must satisfy the U.S. and Nevada Constitutions requirement. Contact your academic advisor for details.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BAS—Instrumentation Emphasis

FALL—1st Semester		Credits
BUS	110	3
ELM	112	3.5
ELM	120	3
ELM	121	2
ELM	122	4
ELM	124	2
ELM	128	4
ELM	141	2
ELM	142	2.5
ENGLISH*		3
HUMANITIES/FINE ARTS*		3
MATH 116, 116E, 120, 120E, 126, 126E or higher or STAT 152		3
PSC	101	3
TOTAL		**38**

SPRING—2nd Semester		Credits
ELM	123	2
ELM	125	2
ELM	126	2
ELM	127	2.5
ELM	131	2.5
ELM	133	4
ELM	134	2.5
ELM	135	1
ELM	136	2.5
ELM	143	3
ENGLISH*		3
SCIENCE*		3
TOTAL		**30**

FALL—3rd Semester		Credits
EIT	233	4
EIT	315	4
EIT	323	3
EIT	333	3
ENG	333	3
INT	339, 349 or 359	3
TOTAL		**20**

SPRING—4th Semester		Credits
EIT	240	2
EIT	336	4
EIT	348	3
EIT	437	3
EIT	468	3
BUS	102 or MGT 103	3
TOTAL		**18**

FALL—5th Semester		Credits
COM	101, THTR 102, or THTR 221	3
INT	339, 349 or 359	3
MGT	310	3
PHIL	311	3
STAT	152 or MATH 181	3-4
TOTAL		**15-16**

SPRING—6th Semester		Credits
INT	369, PHYS 152, or PHYS 181	3-4
INT	339, 349 or 359	3
MGT	323 or 367	3
MGT	441	3
TOTAL		**12-13**

Minimum Credits: 133

***Choose with an advisor**

Certificate of Achievement—Industrial Maintenance Technology

Professional Skills and Career Paths

Process maintenance mechanic, fixed maintenance mechanic, millwright technician, mill maintenance, precision millwright, industrial mechanic, millwright mechanic

Student Learning Outcomes

Upon successful completion of the Certificate of Achievement in Industrial Maintenance Technology program, the student will have the skills to:

- Read and interpret standard blueprints and drawings of industrial equipment.
- Align shafts using laser and dial indicator methods of alignment.
- Perform troubleshooting and maintenance of fluid handling pumps, industrial gear trains and drives, and material handling systems.
- Rebuild and replace components in liquid and air handling systems.
- Replace bearings and seals in a non-destructive manner.
- Basic electrical theory and safety on single and three phase power equipment.
- Identify failure causes in industrial equipment using vibration analysis and the root cause analysis tree.
- Identify metals according to standard metallurgical tests.
- Fabrication and layout of equipment in industrial settings.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

The Industrial Maintenance Technology certificate program is designed for the student who desires a highly technical and challenging field. Because of the intensity of the program, students will be very close to completion of an AAS degree and are encouraged to pursue the degree.

The Industrial Maintenance Technology AAS curriculum is inundated throughout with workplace safety. The program uses multiple industry supplied workplace safety forms provided by members of our advisory board which make the student use critical thinking skills not only to solve problems, but make sure the task is done safely for both the student and the employer.

Formal admission to this program is required. Refer to page 90 for an outline of admission standards. This program is a rigorous 42 week accelerated program and can be completed in that time.

The Industrial Maintenance Technology program prepares a student for an exciting entry-level career as an industrial mechanic in manufacturing, mining, construction, and the service industry. We use the NCCER curriculum which was developed by industry and is recognized nationally by industry as a training standard. Our program allows students to graduate with a Certificate of Achievement and the opportunity to receive a nationally recognized certification of completed training that they can use to find employment in this field. The student receives technical training in mechanical operations, fluid power, industrial pumps, preventive predictive maintenance, precision shaft alignment, electrical theory, welding processes, and all safety standards for tools and equipment in the work place.

Upon successful completion of the program, the student will possess the skills necessary to be able to diagnose and repair mechanical, electrical, liquid, and air handling systems found in most industrial, agricultural, mining, construction, and service industries. A graduate can work in all locations that use machinery to produce a product or service including steel mills, paper mills, mining operations, gravel quarries, universities, schools, textile mills, food processing plants, automotive plants, ship yards, power plants, hospitals, aerospace industry facilities, and office building/complexes.

General Education Requirements	**Credits**
English/Communications. Determined by placement testing ENG 100, 101, 103, or 107	3
Computation — Any course with a MATH prefix	3
Human Relations — Embedded in Maintenance Curriculum (IT 106)	

		Program Requirements	**Credits**
IT	102	Pipefitting Principles	2
IT	103	Industrial Pump Technology	4
IT	105	Mechanical Power Transmission	4
IT	106	Millwright and Process Terminology	3
IT	201	Blueprint Reading and Measurement Fundamentals	5
IT	207	Boiler, Conveyor, and Pneumatic Systems	3
IT	208	Fluid Power	2
IT	209	Rigging Principles	2
IT	210	Failure Analysis and Predictive/ Preventative Maintenance	4
IT	214	Basic Electrical Theory for Industrial Technicians	3
IT	216	Basic Metallurgy	4
IT	220	Alignment Principles	5.5
TA	100	Shop Practices	4

WELD	136	Welding for the Maintenance Technician I..... 3
WELD	235	Welding for the Maintenance Technician II..... 3
		Total Program Requirement Credits..51.5

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Industrial Maintenance Technology

FALL—1st Semester		Credits
ENGLISH*		3
IT	102	2
IT	106	3
IT	201	5
IT	209	2
IT	216	4
TA	100	4
COMPUTATION*		3
WELD	136	3
TOTAL		**29**

SPRING—2nd Semester		Credits
IT	103	4
IT	105	4
IT	207	3
IT	208	2
IT	210	4
IT	214	3
IT	220	5.5
WELD	235	3
TOTAL		**28.5**

Minimum Credits: 57.5

***Choose with an advisor**

Associate of Applied Science—Industrial Maintenance Technology

Student Learning Outcomes

Industrial maintenance technology is a complex field and demands highly skilled technicians. Graduation from the program prepares students with specialized training in the repairing, maintaining, troubleshooting, reconditioning, and rebuilding of industrial equipment. The Associate of Applied Science in Industrial Maintenance Technology not only prepares students for employment, but it also improves their position for advancement in the future. A graduate with an Associate of Applied Science in Industrial Maintenance Technology will be equipped to advance to positions of management throughout industry. GBC's program includes extensive classroom lecture and laboratory training on state of the art equipment while working with industry to achieve all work place standards. Safety is strongly emphasized in all courses. Upon successful completion of the industrial maintenance technology program, the student will have the skills to:

- Think critically to solve workplace problems.
- Communicate clearly and effectively both in writing and orally.
- Read and interpret standard blueprints and drawings of industrial equipment.
- Align shafts using laser and dial indicator methods of alignment.
- Perform troubleshooting and maintenance of fluid handling pumps, industrial gear trains and drives, and material handling systems.
- Rebuild and replace components in liquid and air handling systems.
- Replace bearings and seals in a non-destructive manner.
- Understand and apply basic electrical theory and safety on single and three phase power equipment.
- Identify failure causes in industrial equipment using vibration analysis and the root cause analysis tree.
- Identify metals according to standard metallurgical tests.
- Understand fabrication and layout of equipment in industrial settings.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

Formal admission to this program is required. For details see your advisor. This program is a rigorous 42 week accelerated program and can be completed in that time. The industrial maintenance technology program prepares a student for an exciting entry-level career as an Industrial Technician in manufacturing, mining, construction, and the service industry. The Associate of Applied Science degree allows the graduate the opportunity for faster advancement in the management areas of industry such as planner, scheduler (both short term and long range), supervisors, project leaders, project superintendents, and crew leaders.

We use the National Center for Construction and Education Research (NCCER) curriculum which was developed and is recognized nationally by industry as a training standard for the curriculum. Students graduate with an Associate of Applied Science and the opportunity to receive a nationally recognized certification of completed training to find employment in this field.

Technical training is taught in mechanical operations, fluid power, industrial pumps, preventive predictive maintenance, precision shaft alignment, electrical theory, welding processes, and all safety standards for tools and equipment in the work place.

Upon successful completion of the program, the student will possess the skills necessary to diagnose and repair mechanical, electrical, and liquid and air handling systems. These are common systems found in most industrial, agricultural, mining, construction, and service industries that use machinery to produce a product or service. Other employment opportunities for graduates of this program can include steel mills, paper mills, mining operations, gravel quarries, universities, schools, textile mills, food processing plants, automotive plants, ship yards, power plants, hospitals, aerospace industry facilities, and office complexes.

General Education Requirements	Credits
English/Communications	6
ENG 100 or ENG 101 and ENG 102 or ENG 107 and ENG 108	
Mathematics	3
MATH 116, 116E, 120, 120E, 126, 126E or higher, or STAT 152	
Science	3
PHYS 107 (recommended)	
Social Science—PSC 101	3
Humanities or Fine Arts	3
ART 101 or THTR 204 (recommended)	
Technology—IT 210 (required)	3
Human Relations—Embedded in Maintenance Curriculum (IT 106)	

Program Requirements			Credits
IT	102	Pipefitting Principles	2
IT	103	Industrial Pump Technology	4
IT	105	Mechanical Power Transmission	4
IT	106	Millwright and Process Terminology	3
IT	201	Blueprint Reading and Measurement Fundamentals	5
IT	207	Boiler, Conveyor, and Pneumatic Systems	3
IT	208	Fluid Power	2
IT	209	Rigging Principles	2
IT	210	Failure Analysis and Predictive/ Preventive Maintenance	4
IT	214	Basic Electrical Theory for Industrial Technicians	3
IT	216	Basic Metallurgy	4
IT	220	Alignment Principles	5.5
TA	100	Shop Practices	4
WELD	136	Welding for the Maintenance Technician I	3
WELD	235	Welding for the Maintenance Technician II	3

SUGGESTED COURSE SEQUENCE
(Refer to Page 90)
AAS—Industrial Maintenance Technology

FALL—1st Semester		Credits
ENGLISH*		3
IT	102	2
IT	106	3
IT	201	5
IT	209	2
IT	216	4
TA	100	4
MATHEMATICS*		3
HUMANITIES/FINE ARTS*		3
PSC	101	3
WELD	136	3
TOTAL		**35**

SPRING—2nd Semester		Credits
IT	103	4
IT	105	4
IT	207	3
IT	208	2
IT	210	4
IT	214	3
IT	220	5.5
ENGLISH*		3
SCIENCE*		3
WELD	235	3
TOTAL		**34.5**

Minimum Credits: 69.5

***Choose with an advisor**

After the AAS in Industrial Maintenance Technology, the next step could be the Bachelor of Applied Science in Management and Supervision. See page 105.

Certificate of Achievement—Manufacturing Machining Technology

Student Learning Outcomes

The Manufacturing Machining Technology program is designed to provide students with skills they can put to work in an exciting multifaceted industry. Students in GBC's manufacturing machining technology program will learn manual operated machine tool practices and advanced computer numeric control (CNC) machining operations. Topics within the program are: CNC turning and machining centers, set-up and operation of CNC mills and lathes, and machine computer programming. At the completion of this program, students will be prepared to earn National Institute for Metalworking Skills (NIMS) credentials and are prepared for entry-level jobs in the following industries: mining, agriculture, gaming, manufacturing, welding fabrication, robotics, and aerospace.

Graduates of the Certificate of Achievement in Manufacturing Machining program will have the knowledge and skills to:

- work safely in an industrial setting.
- produce precision products according to technical drawings within specifications for manual machining.
- produce precision products according to technical drawings within specifications for CNC machining.
- design and manufacture parts using machining software.
- work effectively in the work place through various forms of communication.

Formal admission to this program is required. Refer to page 107 for an outline of admission standards.

General Education Requirements	Credits
English/Communications	3
Determined by placement testing ENG 100, 101, 103, or 107	
Computation	3
Any course with a MATH prefix	
Human Relations BUS 110 (recommended)	1

Program Requirements			Credits
CADD	245	Solid Modeling and Parametric Design	3
MTT	100	Measurement for Machinists	3
MTT	105	Machine Shop I	3
MTT	106	Machine Practice I	2
MTT	110	Machine Shop II	3
MTT	111	Machine Practice II	2
MTT	230	Computer Numerical Control I	3
MTT	232	Computer Numerical Control II	3
MTT	234	Computer Numerical Control III	3
MTT	291	Computer Numerical Control Practice	4
MTT	292	Computer-Aided Manufacturing I	3
MTT	293	Computer-Aided Manufacturing II	3
MTT	296	Computer Numerical Control Practice II	4

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Manufacturing Machining Technology

FALL—1st Semester		Credits
ENGLISH/COMMUNICATION*		3
MATH*		3
MTT	100	3
MTT	105	3
MTT	106	2
TOTAL		**14**

SPRING—2nd Semester		Credits
CADD	245	3
HUMAN RELATIONS*		1
MTT	110	3
MTT	111	2
MTT	230	3
TOTAL		**12**

FALL—3rd Semester		Credits
MTT	232	3
MTT	291	4
MTT	292	3
TOTAL		**10**

SPRING—4th Semester		Credits
MTT	234	3
MTT	293	3
MTT	296	4
TOTAL		**10**

Minimum Credits: 46
***Choose with an advisor**

Career and Technical Education

Associate of Applied Science—Manufacturing Machining Technology

Student Learning Outcomes

The manufacturing machining technology program is designed to provide students with skills they can put to work in an exciting multifaceted industry. Students in GBC's manufacturing machining technology program will learn manual operated machine tool practices and advanced computer numeric control (CNC) machining operations. Topics within the program are: CNC turning and machining centers, set-up and operation of CNC mills and lathes, and machine computer programming. At the completion of this program, students will be prepared to earn National Institute for Metalworking Skills (NIMS) credentials and are prepared for entry-level jobs in the following industries: mining, agriculture, gaming, manufacturing, welding fabrication, robotics, and aerospace.

Graduates of the AAS in Manufacturing Machining program will have the knowledge and skills to:

- work safely in an industrial setting.
- produce precision products according to technical drawings within specifications for manual machining.
- produce precision products according to technical drawings within specifications for CNC machining.
- design and manufacture parts using machining software.
- work effectively in the work place through various forms of communication.

Formal admission to this program is required. Refer to page 107 for an outline of admission standards.

General Education Requirements	**Credits**
English/Communications	6
ENG 100 or ENG 101 and ENG 102 or ENG 107 and ENG 108	
Mathematics	3
MATH 116, 116E, 120, 120E, 126, 126E or higher, or STAT 152	
Science—PHYS 107 (recommended)	3
Social Science—PSC 101	3
Human Relations—BUS 110 (recommended)	3
Humanities or Fine Arts	3
ART 101 or THTR 204 (recommended)	
Technology—MTT 100 (required)	3

Program Requirements			**Credits**
CADD	245	Solid Modeling and Parametric Design	3
MTT	100	Measurement for Machinists	3
MTT	105	Machine Shop I	3
MTT	106	Machine Practice I	2
MTT	110	Machine Shop II	3
MTT	111	Machine Practice II	2
MTT	230	Computer Numerical Control I	3
MTT	232	Computer Numerical Control II	3
MTT	234	Computer Numerical Control III	3
MTT	291	Computer Numerical Control Practice	4
MTT	292	Computer-Aided Manufacturing I	3
MTT	293	Computer-Aided Manufacturing II	3
MTT	296	Computer Numerical Control Practice II	4

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Manufacturing Machining Technology

FALL—1st Semester		**Credits**
ENGLISH/COMMUNICATION*		3
MATH*		3
MTT	100	3
MTT	105	3
MTT	106	2
TOTAL		**14**

SPRING—2nd Semester		**Credits**
CADD	245	3
ENGLISH/COMMUNICATION*		3
MTT	110	3
MTT	111	2
MTT	230	3
TOTAL		**14**

FALL—3rd Semester		**Credits**
HUMAN RELATIONS*		3
MTT	232	3
MTT	291	4
MTT	292	3
SOCIAL SCIENCE*		3
TOTAL		**16**

SPRING—4th Semester		**Credits**
HUMANITIES OR FINE ARTS*		3
MTT	234	3
MTT	293	3
MTT	296	4
SCIENCE*		3
TOTAL		**16**

Minimum Credits: 60
***Choose with an advisor**

Certificate of Achievement—Welding Technology

Professional Skills and Career Paths

Mining welder, aerospace welder/fabricator, manufacturing welder, welder/fabricator, ship welder, pipe welder

Student Learning Outcomes

Graduates of the Certificate of Achievement in Welding Technology program will have the knowledge and skills to:

- Make satisfactory welds in all positions using the following welding processes:
  - Shielded Metal Arc Welding (SMAW)
  - Gas Metal Arc Welding (GMAW)
  - Flux Cored Arc Welding (FCAW)
  - Gas Tungsten Arc Welding (GTAW)
- Make satisfactory cuts with the following processes:
  - Oxygen Fuel Cutting (OFC)
  - Plasma Arc Cutting (PAC)
  - Air Carbon Arc Cutting (ACC)
- Interpret welding blueprints and welding symbols.
- Perform pipe layouts.
- Use basic welding metallurgy.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

Formal admission to this program is required. Refer to page 107 for an outline of admission standards.

General Education Requirements	**Credits**
English/Communications. Determined by placement testing ENG 100, 101, 103, or 107	3
Computation — Any course with a MATH prefix	3
Human Relations BUS 110 (recommended)	1-3

Program Requirements			**Credits**
WELD	105	Drawing and Weld Symbol Interpretation	3
WELD	110	Basic Arc Welding Principles and Practices**	5.5
WELD	150	Metallurgy Fundamentals for Welding	3
WELD	275	LIne Boring	5.5
WELD	210	Advanced Welding Principles and Practices	5.5
WELD	220	Gas Metal (GMAW) and Flux Cored Arc Welding (FCAW)	11
WELD	240	Gas Tungsten Arc Welding (GTAW)	7
WELD	260	Pipe Welding	8

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Welding Technology

FALL—1st Semester		**Credits**
ENGLISH*		3
COMPUTATION*		3
HUMAN RELATIONS*		1-3
WELD	105	3
WELD	110	5.5
WELD	210	5.5
WELD	260	8
TOTAL		**29-31**

SPRING—2nd Semester		**Credits**
WELD	150	3
WELD	275	5.5
WELD	220	11
WELD	240	7
TOTAL		**26.5**

Minimum Credits: 55.5
***Choose with an advisor**

**Students who have credit for WELD 136 from previous course enrollment or CTE college credit (see page 24), contact a GBC advisor. Course requirements include 5.5 units of WELD 110 or 2.5 units of WELD 110 and 3 units of WELD 136.

Career and Technical Education

Associate of Applied Science—Welding Technology

Student Learning Outcomes

Graduates of the Associate of Applied Science in Welding Technology program will have the knowledge and skills to:

- Make satisfactory welds in all positions using the following welding processes:
  - Shielded Metal Arc Welding (SMAW)
  - Gas Metal Arc Welding (GMAW)
  - Flux Cored Arc Welding (FCAW)
  - Gas Tungsten Arc Welding (GTAW)
- Make satisfactory cuts with the following processes:
  - Oxygen Fuel Cutting (OFC)
  - Plasma Arc Cutting (PAC)
  - Air Carbon Arc Cutting (ACC)
- Interpret welding blueprints and welding symbols.
- Perform pipe layouts.
- Utilize basic welding metallurgy.
- Perform safely in the work environment, meeting and obeying all workplace safety requirements.

Formal admission to this program is required. Refer to page 107 for an outline of admission standards.

Welding is a necessary skill for today's technicians and field mechanics as well as for those who want to develop a career in metal fabrication. The college's welding department has become the center for welding technologies in Northeastern Nevada. With highly qualified instructors, GBC provides the opportunity to learn the standard methods of shielded metal arc welding (SMAW), flux cored arc welding (FCAW), gas metal arc welding (GMAW), and gas tungsten arc welding (GTAW), as well as oxyfuel, air carbon arc, and plasma arc cutting. For more information, call 775.327.2287.

Great Basin College has certified welding inspectors on staff so students can earn an AWS certification.

General Education Requirements **Credits**

English/Communications..... 6
ENG 100 or ENG 101 and ENG 102 or ENG 107 and ENG 108
Mathematics.....3
MATH 116, 116E, 120, 120E, 126, 126E or higher or STAT 152
Science—PHYS 107 (recommended)..... 3
Social Science—PSC 101..... 3
Human Relations
BUS 110 (recommended)..... 3
Humanities or Fine Arts..... 3
ART 101 or THTR 204 (recommended)
Technology—WELD 110 (required)

Program Requirements **Credits**

WELD	105	Drawing and Weld Symbol Interpretation	3
WELD	110	Basic Arc Welding Principles and Practices**	5.5
WELD	150	Metallurgy Fundamentals for Welding	3
WELD	275	Line Boring	5.5
WELD	210	Advanced Welding Principles and Practices	5.5
WELD	220	Gas Metal (GMAW) and Flux Cored Arc Welding (FCAW)	11
WELD	240	Gas Tungsten Arc Welding (GTAW)	7
WELD	260	Pipe Welding	8

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Welding Technology

FALL—1st Semester		**Credits**
ENGLISH*		3
BUS	110	3
MATH	116, 116E, 120, 120E, 126, 126E or higher	3
HUMANITIES/FINE ARTS*		3
PSC	101	3
WELD	105	3
WELD	110	5.5
WELD	210	5.5
WELD	260	8
TOTAL		**37**

SPRING—2nd Semester		**Credits**
ENGLISH*		3
SCIENCE*		3
WELD	150	3
WELD	275	5.5
WELD	220	11
WELD	240	7
TOTAL		**32.5**

Minimum Credits: 69.5
***Choose with an advisor**

**Students who have credit for WELD 136 from previous course enrollment or CTE college credit (see page 24), contact a GBC advisor. Course requirement for WELD 110: 5.5 units of WELD 110 or 2.5 units of WELD 110 and 3 units of WELD 136.

After the AAS in Welding Technology, the next step could be the Bachelor of Applied Science in Management and Supervision. See page 105.

Computer Technologies

Associate of Applied Science

Mission Statement
The computer technologies department is committed to student success. We address the disparate and constantly changing needs of students throughout the GBC service area who are preparing for technology-driven careers by improving our methods, techniques, and content to deliver high-quality educational experiences.

Certificate of Achievement ***One Year***	**Emphases in the Computer Technologies Associate Degrees** ***Two Years***	**Bachelor Degrees** ***Four Years***
	AAS-CT—Computer Programming	BAS—Digital Information Technology or BAS—Management and Supervision Emphasis
	AAS-CT—Network Specialist	
Office Technology	AAS-CT—Office Technology	
	AS—Land Surveying	BAS—Land Surveying/Geomatics
Medical Coding and Billing	*The non-MCOD classes taken for the medical coding and billing certificate apply toward an associate degree*	

Computer Technologies

Associate of Applied Science—Computer Technologies Computer Programming Emphasis

Professional Skills and Career Paths

Software developer, database developer, applications programmer, and IT project manager.

Student Learning Outcomes

Graduates of this degree program will have the knowledge and skills to:

- Design, implement, and test a computer program to meet a desired specification for a problem.
- Apply computing and logical reasoning to analyze a problem and formulate the appropriate solution.
- Build interactive web applications showing good design.
- Build effective databases to solve business-oriented problems.
- Use computer networks and operating systems to full advantage in a business setting.

General Education Requirements	Credits
English/Communications	6
ENG 100 or 101, and ENG 102)	
Mathematics	3
MATH 126, 126E or higher, includes STAT 152	
MATH 127 (recommended)	
Science—PHYS 100 (recommended)	3
Social Science—PSC 101	3
Human Relations	3
Humanities or Fine Arts	3
Technology—CIT 129 (required)	3

Program Core Requirements			Credits
CIT	151	Beginning Web Development	3
COT	204	Using Windows	3
IS	201	Computer Applications	3

Program Emphasis Requirements			Credits
CIT	110	A+ Hardware	3
CIT	130	Beginning Java	3
CIT	152	Web Script Language Programming	3
CIT	174	Linux Systems Administration	3
CIT	180	Database Concepts & SQL	3
CIT	263	Project Management	3
CS	135	Computer Science I	3
CSCO	120	CCNA Internetworking Fundamentals	3
GRC	188	Web Animation I	3

SUGGESTED COURSE SEQUENCE (Refer to page 90) AAS—Computer Technologies Computer Programming Emphasis

FALL—1st Semester		Credits
CIT	110	3
CSCO	120	3
ENG	100 or 101	3
IS	201	3
MATH	126 or MATH 126E	3
TOTAL		**15**

SPRING—2nd Semester		Credits
COT	204	3
CIT	174	3
CIT	129	3
ENG	102	3
HUMANITIES/FINE ARTS*		3
TOTAL		**15**

FALL—3rd Semester		Credits
CIT	130	3
CIT	151	3
CIT	180	3
HUMAN RELATIONS*		3
SCIENCE*		3
TOTAL		**15**

SPRING—4th Semester		Credits
CIT	152	3
CS	135	3
CIT	263	3
GRC	188	3
PSC	101	3
TOTAL		**15**

Minimum Credits: 60

***Choose with an advisor**

After the AAS in Computer Programming, the next step could be the Bachelor of Applied Science in Digital Information Technology. See page 131.

Computer Technologies

Associate of Applied Science—Computer Technologies, Network Specialist Emphasis

Professional Skills and Career Paths

Network administrator, help desk technician, technical and network support technician, network security technician, computer hardware technician, network design specialist, computer service engineer, and network analyst.

Student Learning Outcomes

Graduates of this degree program will have the knowledge and skills to:

- Create and maintain a computer network.
- Install and configure network services.
- Maintain availability of network resources to authorized users.

General Education Requirements	Credits
English/Communications	6
ENG 100 or 101, and ENG 102	
Mathematics	3
MATH 126, 126E or higher, includes STAT 152	
Science—PHYS 100 (recommended)	3
Social Science—PSC 101	3
Human Relations—BUS 110 (recommended)	3
Humanities or Fine Arts	3
MUS 121 (recommended)	
Technology—CIT 129 (required)	3

List of courses fulfilling general education requirements is on page 84.

Program Core Requirements			Credits
CIT	151	Beginning Web Development	3
COT	204	Using Windows	3
IS	201	Computer Applications	3

Program Emphasis Requirements			Credits
CIT	110	A+ Hardware	3
CIT	174	Linux Systems Administration	3
CIT	212	Microsoft Networking II	3
CIT	263	Project Management	3
CSCO	120	CCNA Introduction to Networks	3
CSCO	121	CCNA Switching, Routing and Wireless Essentials	3
CSCO	130	Fundamentals of Wireless LANS	4
CSCO	220	CCNA Enterprise Networking, Security and Automation	3
CSCO	230	Fundamentals of Network Security	4

SUGGESTED COURSE SEQUENCE (Refer to page 90) AAS—Computer Technologies Network Specialist Emphasis

FALL—1st Semester		Credits
CIT	110	3
CIT	212	3
CSCO	120	3
ENG	100 or 101	3-5
MATH	126 or MATH 126E*	3
TOTAL		**15-17**

SPRING—2nd Semester		Credits
CIT	174	3
COT	204	3
CSCO	121	3
ENG	102	3
BUS	110	3
TOTAL		**15**

FALL—3rd Semester		Credits
CIT	129	3
CIT	151	3
IS	201	3
CSCO	220	3
PSC	101	3
TOTAL		**15**

SPRING—4th Semester		Credits
CIT 263		3
MUS	121	3
PHYS	100	3
CSCO	230	4
CSCO	130	4
TOTAL		**17**

Minimum Credits: 62

***Choose with an advisor**

After the AAS in Network Specialist, the next step could be the Bachelor of Applied Science in Digital Information Technology Emphasis. See page 131.

Computer Technologies

Certificate of Achievement—Office Technology

Professional Skills and Career Paths

Receptionist, data entry, clerical assistant, administrative assistant, front office clerk, and word processor.

Student Learning Outcomes

Graduates of this certificate will have the knowledge and skills to:

- Manage business information using appropriate software to prepare documents.
- Use effective business communication skills.
- Use appropriate computer technology and software (word processor and databases).
- Identify ethical issues in business situations.

General Education Requirements	Credits
English/Communications ENG 100 or 101	3
Computation MATH 120, 120E, 126, 126E or higher (includes STAT 152)	3
Human Relations (Choose one of the following) BUS 110, HMS 200, MGT 283, or PSY 208	3

Program Requirements			Credits
ACC	201	Financial Accounting	3
COT	151	Introduction to Microsoft Word	3
COT	204	Using Windows	3
CIT	202	Excel Certification Preparation	3
COT	240	Executive Office Procedures	3
IS	101	Introduction to Information Systems	3
IS	201	Computer Applications	3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—
Computer Technologies
Office Technology

FALL—1st Semester		Credits
COT	151	3
ENG	100 or 101	3
IS	101	3
IS	201	3
MATH	120, 120E, 126, 126E or higher*	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ACC	201	3
CIT	202	3
COT	204	3
COT	240	3
HUMAN RELATIONS*		3
TOTAL		**15**

Minimum Credits: 30
***Choose with an advisor**

After the Certificate of Achievement in Office Technology, the next step could be the AAS in Office Technology.

Computer Technologies

Associate of Applied Science—Computer Technologies, Office Technology Emphasis

Professional Skills and Career Paths

Executive assistant, office support manager, and accounting assistant

Student Learning Outcomes

Graduates of this degree will have the knowledge and skills to:

- Support management in office administration.
- Prepare business documents.
- Manage records.
- Demonstrate business communication skills.
- Utilize appropriate office technology.
- Execute the duties of an office administrator.
- Demonstrate effective use of Microsoft Office products.

General Education Requirements	Credits
English/Communications ENG 100 or 101, and ENG 102	6
Mathematics MATH 120, 120E, 126, 126E or higher (includes STAT 152)	3
Science	3
Social Science—PSC 101	3
Human Relations	3
Humanities or Fine Arts	3
Technology—IS 101 (required)	3

Program Core Requirements			Credits
CIT	151	Beginning Web Development	3
COT	204	Using Windows	3
IS	201	Computer Applications	3

Program Emphasis Requirements			Credits
ACC	201	Financial Accounting	3
CIT	201	Word Certification Preparation	3
CIT	202	Excel Certification Preparation	3
CIT	203	Access Certification Preparation, or	
ECON	102	Principles of Microeconomics, or	
ECON	103	Principles of Macroeconomics	3
COT	151	Introduction to Microsoft Word	3
COT	240	Executive Office Procedures	3
GRC	103	Introduction to Computer Graphics	3
GRC	183	Design with Photoshop	3
MGT	201	Principles of Management	3

SUGGESTED COURSE SEQUENCE (Refer to page 90) AAS—Computer Technologies Office Technology Emphasis

FALL—1st Semester		Credits
COT	151	3
ENG	100 or 101	3
IS	101	3
IS	201	3
MATH	120, 120E, 126, 126E or higher*	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ACC	201	3
CIT	202	3
COT	204	3
COT	240	3
HUMAN RELATIONS*		3
TOTAL		**15**

FALL—3rd Semester		Credits
CIT	151	3
CIT	201	3
CIT	203 or ECON 102 or ECON 103	3
GRC	103	3
HUMANITIES/FINE ARTS*		3
TOTAL		**15**

SPRING—4th Semester		Credits
ENG	102	3
GRC	183	3
MGT	201	3
PSC	101	3
SCIENCE*		3
TOTAL		**15**

Minimum Credits: 60

***Choose with an advisor**

After the AAS in Office Technology, the next step could be the Bachelor of Applied Science in Digital Information Technology or the Bachelor in Management and Supervision.

NOTE: MATH 126 or 126E recommended for students pursuing the Bachelor program.

Computer Technologies

Bachelor of Applied Science—Digital Information Technology Emphasis

Professional Skills and Career Paths

Computer support specialist, computer systems analyst, and network computer systems administrator

Student Learning Outcomes

Graduates of the BAS Digital Information Technology Emphasis will have the knowledge and skills to

- Identify, access, organize, and process data into useful information through interpretation, synthesis, and presentation of the information using appropriate technological platforms.
- Apply the latest techniques, concepts, and tools of computing professionals to solve problems and address the needs of organizations and individual clients.
- Explain the relationship between various computing, networking, and data storage systems.
- Demonstrate skills and abilities to analyze digital information situations and then provide that analysis clearly to facilitate a solution.

See page 93 for important additional information about the Bachelor of Applied Science program.

General Education Requirements (beyond those required for AAS)

COM	113	Fundamentals of Speech Communication, or	
THTR	102	Introduction to Stage Voice, or	
THTR	221	Oral Interpretation	3
ENG	333	Professional Communications	3
STAT	152	Principles of Statistics I, or	
MATH	181	Calculus I	3-4
INT	339	Integrative Humanities Seminar	3
INT	349	Integrative Social Science Seminar	3
INT	359	Integrative Mathematics Seminar	3
PHIL	311	Professional Ethics (formerly ECON 311)	3
Total Credits			**21-22**

Applied Science Core Requirements

INT	369	Integrative Science Seminar, or	
PHYS	152	General Physics II or	
PHYS	181	Physics for Scientists and Engineers II	3-4
FIN	310	Applied Accounting and Finance	3
MGT	310	Foundations of Management Theory and Practice	3
MGT	323	Organizational and Interpersonal Behavior, or	
MGT	367	Human Resource Management	3
Total Credits			**12-13**

Program Emphasis Requirements

CIT	303	Intermediate Survey of Computing	3
COT	490	Digital Communications (Capstone)	3
IS	301	Management Information Systems	3
Total Credits			**9**

Program Electives

Select at least 18 credits from the following:

CIT	361	TCP/IP: Managing Network Resources	3
CIT	480	SQL Database Design and Implementation	3
CSCO	480	CCNP Route	4
CSCO	482	CCNP Switch	4
CSCO	484	CCNP Troubleshoot	4
GIS	320	GIS in Business and Community	3
GRC	365	Web and User Interface Design	3
GRC	383	Advanced Multimedia Design: Video and Audio	3
Upper-Division Elective			3
Total Credits			**18**

Note: All students graduating from Nevada institutions of higher education must satisfy the U.S. and Nevada Constitutions requirement. Contact your academic advisor for details.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BAS—Digital Information Technology Emphasis

FALL—1st Semester		Credits
CIT	151	3
ENG	100 or 101	3
GRC	103	3
COT	204	3
MATH	126 or MATH 126E	3
TOTAL		**15**

SPRING—2nd Semester		Credits
CIT	129	3
CIT	152	3
GRC	119	3
ENG	102	3
GRC	188	3
TOTAL		**15**

FALL—3rd Semester		Credits
CIT	180	3
GRC	156	3
HUMAN RELATIONS*		3
HUMANITIES/FINE ARTS*		3
SCIENCE*		3
TOTAL		**15**

SPRING—4th Semester		Credits
CIT	174	3
IS	201	3
LOWER-DIVISION PROGRAM ELECTIVES**		6
PSC	101	3
TOTAL		**15**

FALL—5th Semester		Credits
CIT	303	3
PHIL	311 (formerly ECON 311)	3
ENG	333	3
MGT	310	3
STAT	152 or MATH 181	3-4
TOTAL		**15-16**

SPRING—6th Semester		Credits
INT	369, PHYS 152, or PHYS 181	3-4
COM	113, THTR 102, or THTR 221	3
UPPER-DIVISION PROGRAM ELECTIVE**		3
INT	339, 349 or 359	3
MGT	323 or 367	3
TOTAL		**15-16**

FALL—7th Semester		Credits
UPPER-DIVISION PROGRAM ELECTIVE**		3
UPPER-DIVISION PROGRAM ELECTIVE**		3
UPPER-DIVISION PROGRAM ELECTIVE**		3
UPPER-DIVISION PROGRAM ELECTIVE**		3
IS	301	3
TOTAL		**15**

SPRING—8th Semester		Credits
COT	490	3
FIN	310	3
INT	339, 349 or 359	3
INT	339, 349 or 359	3
UPPER-DIVISION PROGRAM ELECTIVE**		3
TOTAL		**15**

Minimum Credits: 120

***Select from page 84**

****Choose with an advisor**

Computer Technologies

Associate of Arts— Graphic Communications (Pattern of Study)

Professional Skills and Career Paths

Graphic designer, logo designer, web designer, brand identity developer, illustrator, ad designer

Student Learning Outcomes

Graduates of this degree will have the knowledge and skills to:

- Efficiently and ethically use computers and relevant software in the workplace.
- Effectively use a computer operating system.
- Identify, discuss, and apply elements and principles of design using tools ranging from traditional pen-and-paper to current technology.
- Design professional-quality graphic communications products for use in print and digital applications.
- Seek entry-level employment in the field of graphic communications.

General Education Requirements **Credits**

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Oral Communications 3
COM 113, THTR 102, THTR 221

Evidence-Based Communications 3
ENG 102

Fine Arts— ART 107 (required) 3

Logical and Scientific Reasoning

Mathematical Reasoning 3
MATH 120, 120E, MATH 126, 126E, or higher, or STAT 152

Scientific Reasoning 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, ANTH 102, GEOG 103 and NUTR 121

Scientific Data Interpretation 3-4
AST 101, BIOL 100, BIOL 190, CHEM 100, CHEM 121, ENV 100, GEOL 101, NUTR 121, PHYS 100, PHYS 151, PHYS 180

Human Societies and Experience **Credits**

Structure of Societies— PSY 208 (required) 3

American Constitutions and Institutions 3
HIST 101/102 (must take both) or PSC 101 (preferred)

Humanities (choose with advisor) 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, ... MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211

Technological Proficiency— GRC 119 (required) 3

Foundations **Credits**

Social Science (choose with advisor) 3
Any transferrable course 100- or 200-level ANTH (except ANTH 102); CRJ; HIST; PSC; PSY; SOC; ECON 102; ECON 103; GEOG 106

Humanities/Fine Arts— GRC 103 (required) 3

Program Core Requirements **Credits**

CIT	151	Beginning Web Development	3
COT	204	Using Windows	3
IS	201	Computer Applications	3

Program Requirements **Credits**

GRC	101	Introduction to Graphic Communications	3
GRC	156	Design with Illustrator	3
GRC	183	Design with Photoshop	3
GRC	256	Advanced Design with Illustrator	3

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

See the following page for Suggested Course Sequence.

SUGGESTED COURSE SEQUENCE
(Refer to page 91)
AA—Graphic Communications
(Pattern of Study)

FALL—1st Semester		Credits
ENG	100 or 101	3
GRC	101	3
GRC	103	3
GRC	156	3
MATH	120, 120E, 126, 126E or higher	3
TOTAL		**15**

SPRING—2nd Semester		Credits
CIT	151	3
GRC	119	3
GRC	183	3
GRC	256	3
HMS	200 or PSY 208	3
TOTAL		**15**

FALL—3rd Semester		Credits
COT	204	3
IS	201	3
HUMANITIES**		3
SCIENTIFIC REASONING**		3
FOUNDATIONS: SOCIAL SCIENCE**		3
TOTAL		**15**

SPRING—4th Semester		Credits
ART	107	3
ENG	102	3
ORAL COMMUNICATIONS*		3
PSC	101	3
SCIENTIFIC DATA INTERPRETATION*		3
TOTAL		**15**

Minimum Credits: 60

***Select from page 83**

****Choose with an advisor**

Students should be aware that many colleges and universities have different lower-division requirements. Students intending to transfer into a bachelor's degree program at another institution should check that institution's lower-division requirements to ensure that the appropriate courses are taken at Great Basin College.

Computer Technologies

Associate of Applied Science—Computer Technologies, Graphic Communications Emphasis

Professional Skills and Career Paths

Graphic designer, logo designer, web designer, brand identity developer, illustrator, ad designer

Student Learning Outcomes

Graduates of this degree program will have the knowledge and skills to:

- Efficiently and ethically use computers and relevant software in the workplace.
- Effectively utilize a computer operating system.
- Identify, discuss, and apply elements and principles of design using tools ranging from traditional pen-and-paper to current technology.
- Design professional-quality graphic communications products for use in print and digital applications.
- Seek entry-level employment in the field of graphic communications.

General Education Requirements	Credits
English/Communications	6
ENG 100 or 101, and ENG 102 (recommended)	
Mathematics	3
MATH 120, 120E, 126, 126E, or higher (includes STAT 152)	
Science (choose with advisor)	3
Social Science—PSC 101	3
Human Relations (choose with advisor)	3
Humanities and Fine Arts—ART 100 (recommended)	3
Technology—GRC 119 (required)	3

Program Core Requirements			Credits
CIT	151	Beginning Web Development	3
COT	204	Using Windows	3
IS	201	Computer Applications	3

Program Emphasis Requirements			Credits
ART	107	Design Fundamentals	3
ART	141	Introduction to Digital Photography	3
GRC	101	Introduction to Graphic Communications	3
GRC	103	Introduction to Computer Graphics	3
GRC	156	Design with Illustrator	3
GRC	183	Design with Photoshop	3
GRC	188	Web Animation I	3
GRC	256	Advanced Design with Illustrator	3

General Elective	Credits
Elective (Choose with advisor)	3
CIT 129 (recommended)	

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Computer Technologies
Graphic Communications Emphasis

FALL—1st Semester		Credits
ENG	100 or 101	3
GRC	101	3
GRC	103	3
GRC	156	3
MATH	120, 120E, 126, 126E or higher	3
TOTAL		**15**

SPRING—2nd Semester		Credits
CIT	151	3
GRC	119	3
GRC	183	3
GRC	256	3
HUMAN RELATIONS**		3
TOTAL		**15**

FALL—3rd Semester		Credits
ART	141	3
COT	204	3
IS	201	3
HUMANITIES/FINE ARTS*		3
SCIENCE**		3
TOTAL		**15**

SPRING—4th Semester		Credits
ART	107	3
ENG	102	3
GRC	188	3
PSC	101	3
ELECTIVE**		3
TOTAL		**15**

Minimum Credits: 60
***Select from page 84**
****Choose with an advisor**

Computer Technologies

Certificate of Achievement—Medical Coding and Billing

Professional Skills and Career Paths

The medical coding and billing online training program prepares you to fill positions as medical coding and billing professionals.

Student Learning Outcomes

Graduates of this certificate program will have the knowledge and skills to:

- Apply rules of grammar, punctuation, and spelling while using medical terms correctly.
- Identify ICD-10 and basic claims processes for medical insurance and third-party reimbursements and know how to manually file claims using the CPT and ICD-10 manuals.
- Knowledge in finding the service and codes using the CPT, ICD-10 and HCPCS manuals.
- Recognize the common types of medical insurance and computerized medical billing systems.

General Education Requirements	Credits
English/Communications ENG 100 or 101, or ENG 103	3
Human Relations COT 240 Executive Office Procedures (three-credit course includes a computation component)	3

Program Requirements			Credits
MCOD	110	Introduction to Medical Coding and Billing	3
MCOD	120	Medical Terminology and Healthcare Environment	3
MCOD	130	Introduction to Anatomy, Pathophysiology, Disease Processes, and Pharmacology	5
MCOD	140	Healthcare Structure and Medical Record Content	3
MCOD	200	Introduction to Diagnostic Coding	3
MCOD	210	Exploring Reimbursement and Procedural Coding and Billing	5
MCOD	220	Skill Building for Outpatient Coding	6

Program requirements must be met with an average minimum score of 85% or higher for the total program.

SUGGESTED COURSE SEQUENCE
Certificate of Achievement—Medical Coding and Billing
(Refer to page 90)

FALL—1st Semester		Credits
ENG	100 or 101, or ENG 103	3
MCOD	110	3
MCOD	120	5
MCOD	130	3
MCOD	140	3
TOTAL		**17**

SPRING—2nd Semester		Credits
COT	240	3
MCOD	200	3
MCOD	210	5
MCOD	220	6
TOTAL		**17**

Minimum Credits: 34

Students should contact the program coordinator for information regarding admission to the program. Madison Arbillaga at 775.327.2203 or madison.arbillaga@gbcnv.edu.

Computer Technologies

Associate of Applied Science—Computer Technologies, Web Development Emphasis

Professional Skills and Career Paths

Web developer, web designer

Student Learning Outcomes

Graduates of this degree program will have the knowledge and skills to:

- Efficiently and ethically use computers and relevant software in the workplace.
- Effectively use a computer operating system.
- Build and maintain well-designed, interactive web pages and sites.
- Build and maintain databases and gather user information.
- Seek entry-level employment in the field of web development.
- Apply for admission to the Bachelor of Applied Science in Digital Information Technology.

General Education Requirements	Credits
English/Communications	6
ENG 100 or 101, and ENG 102	
Mathematics— MATH 126, 126E (required)	3
Science	3
Social Science—PSC 101	3
Human Relations	3
Humanities and Fine Arts	3
Technology—GRC 119 (required)	3

Program Core Requirements			Credits
CIT	151	Beginning Web Development	3
COT	204	Using Windows	3
IS	201	Computer Applications	3

Program Emphasis Requirements			Credits
CIT	129	Introduction to Programming	3
CIT	152	Web Script Language Programming	3
CIT	174	Linux System Administration	3
CIT	180	Database Concepts and SQL	3
GRC	103	Introduction to Computer Graphics	3
GRC	156	Computer Illustration	3
GRC	188	Web Animation I	3

Program Electives (Choose with advisor)	Credits
Any 100-level or higher courses from CIT, CSCO, GIS, GRC or IS	6

SUGGESTED COURSE SEQUENCE (Refer to page 90) AAS—Computer Technologies Web Development Emphasis

FALL—1st Semester		Credits
CIT	151	3
ENG	100 or 101	3
GRC	103	3
COT	204	3
MATH	126 or MATH 126E	3
TOTAL		**15**

SPRING—2nd Semester		Credits
CIT	129	3
CIT	152	3
GRC	119	3
ENG	102	3
GRC	188	3
TOTAL		**15**

FALL—3rd Semester		Credits
CIT	180	3
GRC	156	3
HUMAN RELATIONS*		3
HUMANITIES/FINE ARTS*		3
SCIENCE*		3
TOTAL		**15**

SPRING—4th Semester		Credits
CIT	174	3
PROGRAM ELECTIVES**		6
IS	201	3
PSC	101	3
TOTAL		**15**

Minimum Credits: 60

***Select from page 84**
***Choose with an advisor**

Students should be aware that many colleges and universities have different lower-division requirements. Students intending to transfer into a bachelor degree program at another institution should check that institution's lower-division requirements to ensure that appropriate courses are taken at Great Basin College.

After the AAS in Web Development, the next step could be the Bachelor of Applied Science in Digital Information Technology. See page 131.

Education

Early Childhood Education

Program Mission

The mission of the GBC early childhood program is to provide students with the skills and knowledge needed to work effectively and professionally with young children, their families, and their communities.

Successful completion of the early childhood education certificate and degrees is designed to qualify students for such employment opportunities as paraprofessionals, teachers, and/or directors in child care centers, preschools, and home-based programs.

Student Learning Outcomes

- **STANDARD 1: Child Development and Learning in Context**
  Early childhood education students will be able to describe child development and learning in context from birth through age five across developmental domains.

- **STANDARD 2: Family-Teacher Partnerships and Community Connections**
  Early childhood education students will be able to explain and demonstrate the importance of partnerships with the families of the young children they serve.

- **STANDARD 4: Developmentally, Culturally, and Linguistically Appropriate Teaching Practices**
  Early childhood education students will be able to select the teaching skills needed for the learning trajectories of young children.

- **STANDARD 5: Knowledge, Application, and Integration of Academic Content in the Early Childhood Curriculum**
  Early childhood education students will be able to examine and identify developmentally appropriate pedagogical methods for teaching in early childhood disciplines.

- **STANDARD 6: Professionalism as an Early Childhood Educator**
  Early childhood education students will be able to summarize and apply ethical guidelines that advocate for young children, their families, and the early childhood profession.

These performance standards are measured through coursework, formative & summartive assessments, reflective essays, observations, and performance-based rubrics.

Education

Certificate of Achievement—Early Childhood Education, Early Childhood Emphasis

General Education Requirements	Credits
English/Communications ENG 100 or 101	3
Computation—Any course with a MATH prefix	3
Human Relations—PSY 208 (required)	3
Technology—EDU 214 (required)	3

Program Requirements			Credits
ECE	200	The Exceptional Child	3
ECE	204	Principles of Child Guidance	3
ECE	231	Preschool Practicum: Early Childhood Lab (Field Experience)	6
ECE	250	Introduction to Early Childhood Education	3
ECE	251	Curriculum in Early Childhood Education	3
ECE	262	Early Language and Literacy Development	3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Early Childhood Education Early Childhood Emphasis

FALL—1st Semester		Credits
ECE	204	3
ECE	250	3
ENG	100 or 101	3
EDU	214	3
MATH		3
TOTAL		**15**

SPRING—2nd Semester		Credits
ECE	190	3
ECE	200	3
ECE	251	3
ECE	231	6
ECE	262	3
TOTAL		**18**

Minimum Credits: 33

Education

Associate of Applied Science—Early Childhood Education Early Childhood Emphasis

General Education Requirements	Credits
English/Communications	6
ENG 100 or 101, and ENG 102	
Mathematics	3
MATH 116, 116E, 120, 120E, 126, 126E or higher (includes STAT 152)	
MATH 120 or 120E (preferred)	
Science (Not PHYS 107)	3
Social Science	3-6
HIST 101 and 102, or PSC 101	
Human Relations—PSY 208 (required)	3
Humanities or Fine Arts	3
Technology—EDU 214 (required)	3

Program Core Requirements			Credits
ECE	200	The Exceptional Child	3
ECE	204	Principles of Child Guidance	3
ECE	250	Introduction to Early Childhood Education	3
ECE	262	Early Language and Literacy Development	3

Program Emphasis Courses			Credits
Select two of the following Infant/Toddler courses:			
ECE	126, 127 or 130 with advisor**		6
ECE	231	Preschool Practicum: Early Childhood Lab (Field Experience)	6
ECE	210	Observations, Documentation and Assessment of Young Children	3
ECE	251	Curriculum in Early Childhood Education	3
HDFS	201	Lifespan Human Development	3
HDFS	202	Introduction to Families, or	
HDFS	232	Diversity in Children	3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Early Childhood Education
Early Childhood Emphasis

FALL—1st Semester		Credits
ECE I/T Course**		3
ECE	204	3
ECE	250	3
ENG	100 or 101	3
MATHEMATICS**		3
TOTAL		**15**

SPRING—2nd Semester		Credits
ECE	262	3
ECE	251	3
ECE I/T Course**		3
ENG	102	3
HIST 101 and 102, or PSC 101		3-6
TOTAL		**15-18**

FALL—3rd Semester		Credits
ECE	210	3
ECE	200	3
HDFS 202 or 232		3
HUMANITIES/FINE ARTS*		3
HDFS	201	3
TOTAL		**15**

SPRING—4th Semester		Credits
ECE	231	6
PSY	208	3
SCIENCE*		3
EDU	214	3
TOTAL		**15**

Minimum Credits: 60

***Select from page 84**

****Choose with an advisor**

Education

Associate of Applied Science — Early Childhood Education Infant/Toddler Emphasis

General Education Requirements	Credits
English/Communications (ENG 100 or 101, and ENG 102)	6
Mathematics MATH 116 116E, 120, 120E, 126, 126E or higher (includes STAT 152) MATH 120, 120E (preferred)	3
Science (Not PHYS 107)	3
Social Science HIST 101 and HIST 102, or PSC 101	3-6
Human Relations—PSY 208 (required)	3
Humanities or Fine Arts	3
Technology—EDU 214 (required)	3

List of courses fulfilling general education requirements is on page 84.

Program Core Requirements			Credits
ECE	200	The Exceptional Child	3
ECE	204	Principles of Child Guidance	3
ECE	250	Introduction to Early Childhood Education	3
ECE	262	Early Language and Literacy Development	3

Program Emphasis Requirements			Credits
ECE	126	Social/Emotional Development for Infants and Toddlers	3
ECE	127	Role of Play for Infants and Toddlers	3
ECE	130	Infancy	3
ECE	210	Observation, Documentation, & Assessment of Young Children	3
ECE	251	Curriculum in Early Childhood Education	3
HDFS	201	Lifespan Human Development	3
HDFS	202	Introduction to Families, **or**	
HDFS	232	Diversity in Children	3

General Elective 3

SUGGESTED COURSE SEQUENCE AAS—Early Childhood Education Infant/Toddler Emphasis

FALL—1st Semester		Credits
ECE	126	3
ECE	127	3
ECE	210	3
ENG	100 or 101	3
MATHEMATICS**		3
TOTAL		**15**

SPRING—2nd Semester		Credits
ECE	130	3
ECE	200	3
ECE	204	3
ECE	262	3
EDU	214	3
TOTAL		**15**

FALL—3rd Semester		Credits
HDFS	201	3
ECE	250	3
ECE	251	3
PSY	208	3
HUMANITIES/FINE ARTS*		3
TOTAL		**15**

SPRING—4th Semester		Credits
ENG	102	3
HDFS	202 or 232	3
HIST 101 and HIST 102, or PSC 101		3-6
SCIENCE*	3	
ELECTIVE**		3
TOTAL		**15-18**

Minimum Credits: 60

***Select from page 84**
****Choose with advisor**

Education

Associate of Arts—Early Childhood Education (Pattern of Study)

The Associate of Arts in Early Childhood Education is designed for students who are planning to enter the early childhood education field as either a teacher or preschool facilities director.

A student who is considering a bachelor's degree in education needs to meet with an advisor immediately to determine the requirements that will fulfill his/her emphasis areas and/or his/her degree. Also the student needs to be aware of the application requirements to the education program. Additional information regarding state licensure requirements can be obtained from the Nevada Department of Education.

Degree Requirements **Credits**

General Education

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Oral Communications 3
COM 113, THTR 102, THTR 221

Evidence-Based Communications 3
ENG 102

Fine Arts 3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

Logical and Scientific Reasoning

Mathematical Reasoning 3
MATH 120, 120E or higher

Scientific Reasoning 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103 and NUTR 121

Scientific Data Interpretation 3-4
AST 101, BIOL 100, BIOL 190, CHEM 100, CHEM 121, ENV 100, GEOL 101, NUTR 121, PHYS 100, PHYS 151, PHYS 180

Human Societies and Experience

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103; GEOG 106, HMS 200, PSY 101 (recommended), PSY 208, SOC 101

American Constitutions and Institutions: 3
HIST 101/102 (must take both) (required)

Humanities 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, .. MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211

Technological Proficiency— EDU 214 (required) **3**

Foundations

Social Science—HIST 102 (required) 3

Humanities/Fine Arts 3
Any transferrable course 200-level ENG or 100- or 200-level AM, ART, FIS, FREN, GRC 103, GRC 156, HIST 208, HIST 209, HUM, JOUR, MUS, PHIL, SPAN, THTR

Program Requirements

ECE	200	The Exceptional Child	3
ECE	204	Principles of Child Guidance	3
ECE	250	Introduction to Early Childhood Education	3
ECE	251	Curriculum in Early Childhood Education	3
ECE	262	Early Language and Literacy Development	3
HDFS	202	Introduction to Families	3
HDFS	232	Diversity in Children	3

Nevada Highway Patrol and FBI background check required.

SUGGESTED COURSE SEQUENCE
(Refer to page 91)
AA—Early Childhood Education

FALL—1st Semester		Credits
ECE	250	3
ENG	100 or ENG 101	3
ECE	204	3
MATH	120 or MATH 120E or higher	3
PSY	101	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ECE	251	3
ECE	262	3
ENG	102	3
FINE ARTS*		3
SCIENTIFIC DATA INTERPRETATION*		3
TOTAL		**15**

FALL—3rd Semester		Credits
ECE	200	3
EDU	214	3
HDFS	202	3
FOUNDATIONS: HUMANITIES/FINE ARTS*		3
HIST	101	3
TOTAL		**15**

SPRING—4th Semester		Credits
HUMANITIES*		3
ORAL COMMUNICATIONS*		3
HDFS	232	3
HIST	102	3
SCIENTIFIC REASONING*		3
TOTAL		**15**

Minimum Credits: 60

***Select from page 83**

Education

Bachelor of Arts in Early Childhood Education

The Great Basin College Bachelor of Arts in Early Childhood Education is a 120-credit online degree program focused on providing high-quality, research-based education for teaching children from birth through age five. This program is designed to prepare students to assume teaching and/or leadership positions in licensed childcare and preschool programs, Head Start programs, and agencies supporting early childhood education. The Bachelor of Arts degree in Early Childhood Education aligns with the NAEYC Professional Standards and Competencies for Early Childhood Educators.

Note: This program does not offer licensure for teaching positions in the PreK-12 public school system.

Education

Bachelor of Arts — Early Childhood Education

Student Learning Outcomes

The graduates of this program will consistently display the following skills in accordance with the National Association for the Education of Your Children Professional Standards and Competencies for Early Childhood Educators:

Standard #1: Child Development and Learning in Context - Early childhood education students will be able to describe child development and learning in context from birth through age five across developmental domains.

Standard #2: Family-Teacher Partnerships and Community Connections - Early childhood education students will be able to explain and demonstrate the importance of partnerships with the families of the young children they serve.

Standard #3: Child Observation, Documentation, and Assessment - Early childhood education students will be able to interpret and appraise assessments to inform instruction and planning in early childhood settings.

Standard #4: Developmentally, Culturally, and Linguistically Appropriate Teaching Practices - Early childhood education students will be able to select the teaching skills needed for the learning trajectories of young children.

Standard #5: Knowledge, Application, and Integration of Academic Content in the Early Childhood Curriculum - Early childhood education students will be able to examine and identify developmentally appropriate pedagogical methods for teaching in early childhood disciplines.

Standard #6: Professionalism as an Early Childhood Educator - Early childhood education students will be able to summarize and apply ethical guidelines that advocate for young children, their families, and the early childhood profession.

These performance standards are assessed through coursework, portfolios, reflections, observations, and performance-based rubrics.

Accreditation
The Northwest Commission on Colleges and Universities accredits this baccalaureate program.

Teacher Education Program Mission Statement
The mission of the teacher education program of Great Basin College is to provide a distinctive early childhood, elementary, secondary, and special education program for rural Nevada.

The teacher education program is designed to develop competence, values, skills, and knowledge to promote lifelong learning and is distinctive in the following ways:

- We recognize and value diversity in the heritage and traditions of the region;
- We collaborate with the ten rural school districts in the region to offer early and extensive clinical and field experiences throughout the programs;
- We utilize the professional expertise and contributions of faculty and staff in all academic disciplines; and,
- We utilize technology for distance education and delivering education courses in the rural areas.

Academic Advising
It is highly recommended that students who are interested in pursuing a degree in Early Childhood Education seek advisement early in their academic program to ensure efficient advancement through the program. The course of study in Early Childhood Education involves the proper sequencing of courses within the program. All students are encouraged to schedule appointments with their assigned advisors on a regular basis. Program degree requirements may change. Call the Office of Advising to schedule an appointment with an academic advisor: 775-327-2068.

Admission to the Early Childhood Education Program

Application Deadline
After the specified prerequisites have been met, students must formally apply for admission into the early education program. Students will contact the Early Childhood Education Department to receive a copy of the most current GBC Early Childhood Education Program Admission Handbook. Prior to application to the Early Childhood Education Program, students must successfully complete the following:

- Early Childhood Education Program application form for admission
- FBI background checks for ECE 493 Supervised Internship
- Completion of ENG 102 with a grade of C or higher
- Completion of 24 credits in ECE/HDFS

- Overall GPA of 2.5 or higher
- Technology and ECE/HDFS courses must have been completed within the last eight years
- Official transripts from previous colleges sent to GBC's admissions and records office

Admission Criteria
The teacher education committee (TEC) will admit students to the BA in Early Childhood Education program each semester. Admission is on a competitive basis. When there are more qualified applicants than there are available spaces in the program, preference will be given to those with the highest qualifications. Meeting minimum application criteria does not guarantee admission to the program. Those students who meet or exceed the minimum criteria but who are not admitted may reapply in future semesters.

Additional Costs
Fingerprint cards must be submitted for background checks prior to enrolling in student's first field experience class. There is a fingerprinting fee.

Maintaining Good Standing
After admittance to the program, students will adhere to the rules of the current Early Childhood Education program handbook. Students who have been admitted to the Early Childhood Education program must maintain their status as students in good standing in order to graduate.

The requirements are as follows:
- Maintain a cumulative 2.5 GPA at GBC
- Maintain an ethical and professional standard of behavior
- Receive satisfactory evaluations in field work and portfolio development
- Receive no lower than a 2.5 GPA in all upper-division courses

Students who complete the lower division ECE, HDFS, and general education courses may also apply to graduate with an Associate of Arts in Early Childhood Education.

Students must formally apply for acceptance into the Bachelor of Arts Early Childhood Program. Applications will be accepted each semester for the subsequent semester. The deadlines for submitting applications will be April 1 for the fall semester and October 1 for the spring semester. Prior to graduation, students must meet the following criteria:

Total Units ..... 120 Credits
Total Lower Division Courses ..... 78 Credits
Total Upper Division Courses ..... 42 Credits
Cumulative GPA ..... 2.5 or higher
Maintain GPA ..... 2.5 or higher
GBC GPA for Graduation 2.0
Residency Requirement ..... 32 Credits
Half Program Units/4 Year Institution ..... 60 Credits

General Education Requirements **Credits**
A. Lower-Division Courses
Evidence Based Communications
ENG 102 Composition II 3
Mathematical Reasoning
MATH 120, 120E or higher or STAT 152 3
Science
Scientific Data Interpretation 3-4
AST 101, BIOL 100, BIOL 190, CHEM 100, CHEM 121, ENV 100, GEOL 101, NUTR 121, PHYS 100, PHYS 151, PHYS 180
Scientific Reasoning 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103, and NUTR 121
Foundations: Social Science 3
Any transferrable course 100 or 200-level ANTH (except ANTH 102), CRJ, HIST, PSC, PSY, SOC, ECON 102, ECON 103, GEOG 106
American Constitutions and Institutions **3-6**
PSC 101 or HIST 101 and HIST 102 (must take both)
******HIST 101 and HIST 102 are also program requirements. These courses satisfy U.S. and Nevada Constitutions requirement. Student receives maximum of six credits toward total degree credits. U.S. and Nevada Constitutions requirement must be fulfilled.

Humanities and Fine Arts
Human Societies and Experience: Humanities 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211
Communications & Expressions: Fine Arts 3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

Technology
EDU 214 Technology in Education 3

B. Baccalaureate Requirements (In addition to those listed in Section A

Integrative Seminars
INT 339 Integrative Humanities Seminar or
INT 349 Integrative Social Science Seminar. 3

Total Credits for Section 1 30-35
II. Lower Division Program Requirements
Oral Communications. 3
COM 113, THTR 102, or THTR 221
Written Communications. 3
ENG 100 or ENG 101
Structures of Societies (PSY 208 Recommended) 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102,

ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208 SOC 101

Foundations: Humanities/Fine Arts (ENG 250 recommended) 3

Or choose from any transferrable course 200-level ENG or 100 or 200 level AM, ART, FIS, FRENCH, GRC 103, GRC 156, HUM, HIST 208, HIST 209, JOUR, MUS, PHIL SPAN, THTR

ECE/HDFS Education Lower-Division Courses

ECE	126	Social & Emotional Development in Infants & Toddlers..... 3
ECE	127	Role of Play for Infants and Toddlers. 3
ECE	130	Infancy.. 3
ECE	200	The Exceptional Child. 3
ECE	204	Principles of Child Guidance. 3
ECE	210	Observation, Documentation, & Assessment of Young Children. 3
ECE	235	Adapting Curricula for Young Children .... with Special Needs. 3
ECE	250	Introduction to Teaching the Young Child. 3
ECE	251	Preschool Curriculum. 3
ECE	262	Early Language and Literary. 3
HDFS	201	Lifespan Human Development. 3
HDFS	202	Introduction to Families. 3
HDFS	232	Diversity in Children. 3

Total Credits for Section II. 51

III. Upper-Division Program Requirements

Early Childhood/HDFS Courses

ECE	461	Early Childhood Education Management. 3
ECE	441	Play Theory, Creativity, or Aesthetics in ... ECE..... 3
EDES	300	Language Arts & Literature PK-3..... 3
HDFS	435A	Child Socialization: A Systems ..... Perspective. 3

Methods Courses

ECE	453	Methods in ECE I: Social Science. 3
ECE	454	Methods in ECE II: Math & Science. 3

ELAD: English Language Acquisition & Development Courses

EDRL	474	Methods & Curriculum for Teaching Early Language Learners..... 3
EDRL	475	Assessment & Evaluation of English ..... Language Learners..... 3

SPED: Special Education Courses Requirement

EDSP	441	Characteristics & Inclusive Strategies for Students with Mild to Moderate Disabilities... 3
EDUC	470	Multicultural Education for a Diverse ..... Society 3

Internship Requirement

ECE	483	Pre-Student Teaching in ECE (Capstone). 3
ECE	493	Supervised Internship in ECE. 6

Total Credits for section III. 39

Total Credits Sections I,II,III.....120-125

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA—Early Childhood Education
Birth through Age Five, Non-Licensure

FALL—1st Semester		Credits
ENG	100 OR 101	3
MATH	100, 120E or higher	3
PSC	101 or HIST 101 & 102	3
ECE	130	3
ECE	250	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ENG	102	3
Humanities**		3
Oral Communications**		3
ECE	126	3
ECE	251	3
TOTAL		**15**

FALL—3rd Semester		Credits
Science**		3
Fine Arts**		3
PSY	208 (Recommended)	3
ECE	127	3
ECE	204	3
TOTAL		**15**

SPRING—4th Semester		Credits
Science**		3
Humanities/Fine Arts: ENG 250 (Recommended)		3
HDFS	201	3
ECE	200	3
ECE	210	3
TOTAL		**15**

Minimum Credits: 60

FALL—5th Semester		Credits
Social Science**		3
ECE	235	3
EDU	214	3
HDFS	202	3
HDFS	232	3
TOTAL		**15**

SPRING—6th Semester		Credits
Social Science**		3
ECE	262	3
EDES	300	3
EDRL	474	3
ECE	453	3
TOTAL		**15**

FALL—7th Semester		Credits
ECE	454	3
HDFS	435	3
ECE	441	3
ECE	461	3
EDRL	475	3
TOTAL		**15**

SPRING—8th Semester		Credits
EDSP	441	3
EDUC	470	3
ECE	483	3
ECE	493	6
TOTAL		**15**

Minimum Credits: 120

***Select from page 84**
**** Choose with an advisor**

Education

Bachelor of Arts — Elementary Education

Student Learning Outcomes

The graduates of this program will consistently display the following skills in accordance with the InTASC Core Teaching Standards:

Standard #1: Learner Development—The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

Standard #2: Learning Differences—The teacher understands how children learn and develop and can provide learning opportunities that support their cognitive, social, personal, and physical development.

Standard #3: Learning Environments—The teacher works with others to create environments that support individual and collaborative learning, and encourage positive social interaction, active engagement in learning and self motivation.

Standard #4: Content Knowledge—The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make these aspects of the discipline accessible and meaningful for learners to assure mastery of the content.

Standard #5: Application of Content—The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

Standard #6: Assessment—The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.

Standard #7: Planning for Instruction—The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

Standard #8: Instructional Strategies—The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections and to build skills to apply knowledge in meaningful ways.

Standard #9: Professional Learning and Ethical Practice—The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

Standard #10: Leadership and Collaboration—The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

These performance standards are assessed through coursework, portfolios, reflections, observations, and performance-based rubrics.

Accreditation

The Northwest Commission on Colleges and Universities accredits this baccalaureate program.

Teacher Education Program Mission Statement

The mission of the teacher education program of Great Basin College is to provide a distinctive early childhood, elementary, secondary, and special education program for rural Nevada.

The teacher education program is designed to develop competence, values, skills, and knowledge to promote lifelong learning and is distinctive in the following ways:

- We recognize and value diversity in the heritage and traditions of the region;
- We collaborate with school districts across Nevada to offer early and extensive clinical and field experiences throughout the programs;
- We utilize the professional expertise and contributions of faculty and staff in all academic disciplines; and,
- We utilize technology for distance education and delivering education courses throughout Nevada.

Academic Advising

It is highly recommended that students interested in pursuing a degree in elementary education seek advisement early in their academic program to ensure efficient advancement through the program. The course of study in elementary education involves the proper sequencing of methods courses with field experiences. All students are encouraged to schedule appointments with their advisors on a regular basis. Program degree requirements and licensure requirements may change.

Contact the education department, 775.327.2132, to schedule an appointment with your advisor.

Admission to the Teacher Education Program
Application Deadline
After the specified prerequisites have been met, students must formally apply for admission into the teacher education program. Applications are accepted each semester for the following semester. The deadlines for submitting applications will be March 1 for admission in the subsequent fall semester and October 1 for admission in the subsequent spring semester. Contact the education department to receive a copy of the most current GBC teacher education program admission handbook.

Prior to application to the teacher education program, students must successfully complete the following:

- Teacher education program application form for admission.
- Praxis Core for Educators or CBEST (documentation of passing scores on all three tests, reading, writing, and math, must be received by application deadline.
- 40 college credits.
- Completion of ENG 102 and EDU 250 with a grade of C- or higher and completion of Math 120/120E or higher with a C before acceptance..
- A GPA of 3.0 or higher, based on the student's most recent 40 credits.
- Official transcripts from all other colleges sent to GBC's admissions and records office.
- Technology and education courses completed within the last eight years.
- A review of conduct with the student conduct officer.

Admission Criteria
The teacher education committee will admit a limited number of students to the teacher education program each semester. Admission is on a competitive basis. When there are more qualified applicants than there are available spaces in the program, preference will be given to those with the highest qualifications. Meeting minimum application criteria does not guarantee admission to the program. Those students who meet or exceed the minimum criteria but who are not admitted may reapply in future semesters. Applicants who do not meet minimum requirements may reapply as outlined in the teacher education program handbook.

Emphasis and Endorsement Areas
Students majoring in elementary education will select a subject area emphasis or endorsement, which will strengthen them as teachers and may improve their employability. The following subject emphasis and endorsement areas are offered at Great Basin College:

- Early Childhood Education Endorsement
- ELAD — (English Language Acquisition and Development) Endorsement
- English Emphasis
- Mathematics Emphasis
- Science Emphasis
- Social Studies Emphasis
- Special Education (Generalist K-12) Endorsement

Maintaining Good Standing
Once in the program, students will adhere to the rules of the current teacher education program handbook. Students who have been admitted to the teacher education program must maintain their status as students in good standing to be allowed to student teach and graduate. The requirements are as follows:

- Maintain a cumulative 2.5 GPA at GBC.
- Receive no lower than a B- in all upper-division education and endorsement requirements, and no lower than a C- in all additional baccalaureate programs and emphasis courses.
- Maintain an ethical and professional standard of behavior.
- Receive satisfactory evaluations in field work.

Student Teaching Internship
Applications for the student teaching internships must be completed during the last semester of coursework. Students who plan to student teach in the fall semester must submit an application by February 15. Students who plan to student teach in the spring semester must submit an application by September 15.

Students must hold a current substitute license, have maintained a 2.5 cumulative GPA at GBC, receive satisfactory evaluation in field work, and have taken or be registered for the Praxis II.

During the student teaching internship semester, students are required to take the capstone seminar (EDEL 491).

Students must complete at least 15 education credits, including at least two credits in field experience classes at GBC in order to student teach.

Portfolio
Students will be required to complete an electronic portfolio. An introduction to the process will take place in EDEL/EDSC 311 and development will continue throughout the program with workshops during each field experience class. Students will complete the portfolio during the student teaching internship. Presentations of the portfolios take place immediately following the internship.

Nevada Department of Education Licensure Requirements
According to Nevada Revised Statutes, all teaching licenses in Nevada are granted by the Nevada State Board of

Education.

I. General Education Requirements

A. Lower-Division Courses (Note: your general education electives may be influenced by your emphasis area.)

Communications:

ENG	102	Composition II	3

Mathematics:

MATH	120, 120E or higher		3

Science 7

Minimum two areas:
Earth Science: ENV 100, GEOG 103, GEOL 101
Life Science: ANTH 102, BIOL 100, BIOL 190, NUTR 121
Physical Science: AST 101, CHEM 100, CHEM 121, PHYS 100, PHYS 151

Must include one 4-credit lab course: BIOL 190, CHEM 121, GEOL 101, PHYS 151

Social Science:

HIST	101	U.S. History to 1877	3
HIST	102	U.S. History Since 1877	3
PSY	101	General Psychology (recommended)	3

(Or choose from ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103, GEOG 106, HMS 200, PSC 101, PSC 210, PSY 208, SOC 101)

U.S. and Nevada Constitutions requirement must be fulfilled.

Humanities and Fine Arts 6
3 credits Humanities: ENG 250

3 credits of Fine Arts:
ART 100, ART 101, ART 107, MUS 101, ENG 205, THTR 100, THTR 105, THTR 204

Total Credits for Section I, A..... 28

B. Baccalaureate Requirements (in addition to those listed in Section A).

Mathematics/Science

INT	359	Integrative Mathematics Seminar, or	
INT	369	Integrative Science Seminar	3

Capstone

EDEL	491	Elementary Education Capstone Seminar	3

Total Credits for Section I, B..... 6

II. Program Requirements
(See an advisor regarding these courses)

THTR	221	Oral Interpretation, or	
COM	113	Fundamentals of Speech Communication	3
MATH	122	Number Concepts for Elementary School Teachers	3
MATH	123	Statistical and Geometrical Concepts for Elementary School Teachers	3
HIST	101	U.S. History to 1877 and	
HIST	102	U.S. History Since 1877**	6
EDRL	471	Theory and Practice for Academic English Language Development	3
EDRL	475	Assessment and Evaluation of English Language Learners	3
EDRL	477	Policies, Critical Issues, and Best Practices for ELLs - Practicum	3
EDRL	474	Methods and Curriculum for Teaching English Language Learners	3

Total Credits for Section II..... 27

Choose with advisor, other options **may be available.

III. Elementary Education Curriculum

A. Education Courses

EDEL	311	Elementary Methods Practicum I,	
EDEL	313	Elementary Methods Practicum II,	
EDEL	315	Elementary Methods Practicum III	5-6
EDSP	301	Education of the Exceptional Child	3
EDU	250	Foundations of Education	3
EDUC	323	Curriculum Design for Family Engagement	3
EDUC	406	Curriculum and Assessment Education	3
EDSP	453	Behavior Mgmt & Social Emotional Learning in the Classroom	3
EDSP	485	Special Education Practicum: Secondary Level	1
EDUC	470	Multicultural Education for a Diverse Society	3
HDFS	201	Lifespan Human Development	3
EDSP	464	Intensification of Instruction through Multi-Tiered Systems of Support	3

Total Credits for Section III, A.....30-31

B. Methods Courses (must be accepted into the teacher education program to register for classes)

EDEL	433	Methods for Teaching PK-8 Mathematics	3
EDEL	443	Methods for Teaching PK-8 Science	3
EDEL	453	Methods Teaching PK-8 Social Studies	3
EDRL	437	Teaching Reading	3
EDRL	442	Literacy Instruction I	3
EDRL	443	Literacy Instruction II	3

Total Credits for Section III, B 18

C. Teaching Internship (must be accepted into student teaching to register for class)

EDEL 483 Elementary Supervised Teaching Internship 14

Total Credits for Section III, C 14

V. Emphasis and Endorsement Areas

Required

ELAD (English Language Acquisition and Development) Endorsement

This endorsement is attached to the initial license, either elementary or secondary. It is not a K-12 endorsement. The ELAD endorsement adheres to the standards of Teachers of English to Speakers of Other Languages (TESOL).

EDRL 471, 474, 475, 477

May choose additional:

English Emphasis

ENG 102, ENG 203 or ENG 223, ENG 327, and ENG 411B
THTR 221 or COM 113
INT 339 or Upper-division English

Mathematics Emphasis

MATH 122, MATH 123
MATH 126, 126E and MATH 127, or MATH 128, or higher
INT 359 or Upper-Division Mathematics Course
STAT 152

Science Emphasis

Choose an option in the columns below:

Science Emphasis Options

Option A*	Option B	Option C	Option D
BIOL 190	BIOL 190	BIOL 190	BIOL 190
BIOL 191	CHEM 121	ENV 100	GEOL 101
GEOL 101	CHEM 122	GEOL 101	PHYS 100
PHYS 100	GEOL 101	GEOL 102	PHYS 151
INT 369	PHYS 100	PHYS 100	PHYS 152
	INT 369	INT 369	INT 369

*Select at least one 3-credit upper-division science from BIOL 305, 320, 331, 341, 400, 434

Social Science Emphasis

Lower Division

HIST 101, 102, and select any two of the following:
ANTH 101, 201, 202; CRJ 104; ECON 102, 103;
GEOG 106; HDFS 201; HMS 200; PSC 101, 210;
PSY 101; SOC 101

Upper Division

Three upper-division social studies electives (may not include EPY 330). At least one of the three upper-division social science electives should be taken at GBC.

Students must take at least one class in each of three different social science disciplines.

Early Childhood Endorsement

This endorsement is attached to an initial elementary license. This endorsement will provide the coursework needed to be endorsed/certified in the State of Nevada early childhood birth through second grade. (NAC 391.089).

ECE 127, 200, 204, 250, 251, 262, 493; and
HDFS 202 and 232

Special Education (Generalist K-12) Endorsement

This endorsement will provide the coursework needed to be certified in the State of Nevada as a generalist special education teacher for students with mild and moderate disabilities. The student teaching internship for special education can be combined with the elementary internship or the secondary internship and can be completed in one semester.

HDFS 201, EPY 330; and
EDRL 437 or EDEL 433, and EDSC 433 or 453; and
EDSP 301, 441, 434, 443, 453, 452, and
EDSP 484 Special Education Practicum: Elementary Level
EDSP 485 Special Education Practicum: Secondary Level
EDSP 495 Student Teaching Internship in Special Education

Minimum total credits for BA is 120.

42 credits must be upper-division.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
Elementary Education—ELAD Endorsement

FALL—1st Semester		Credits
ENG	100 or 101	3
MATH	120 or 120E**	3
HIST	101	3
FINE ARTS*		3
TOTAL		**12**

SPRING—2nd Semester		Credits
ENG	102	3
HIST	102	3
COM	113*	3
SCIENCE*		4
TOTAL		**13**

FALL—3rd Semester		Credits
ENG	250	3
EDEL	311	1
EDU	250	3
PSY	101*	3
MATH	122	3
SCIENCE**		3
TOTAL		**16**

SPRING—4th Semester		Credits
EDEL	313	1
EDSP	301	3
EDUC	406	3
EDUC	323	3
MATH	123	3
HDFS	201	3
TOTAL		**16**

FALL—5th Semester		Credits
EDRL	437	3
INT	359 or 369	3
EDRL	474	3
EDSP	453	3
EDSP	485	1
EDUC	470	3
TOTAL		**16**

SPRING—6th Semester		Credits
EDEL	315	1
EDRL	442	3
EDRL	443	3
EDRL	475	3
EDRL	477	3
EDSP	464	3
TOTAL		**16**

FALL—7th Semester		Credits
EDEL	315	2
EDEL	433	3
EDEL	443	3
EDEL	453	3
EDRL	471	3
TOTAL		**14**

SPRING—8th Semester		Credits
EDEL	483	14
EDEL	491	3
TOTAL		**17**

Minimum Credits: 120

***Select from page 84**

****Choose with an advisor**

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
AA-BA
Elementary Education—ECE Endorsement and ELAD Endorsement

FALL—1st Semester		Credits
ECE	250	3
ENG	100 or 101	3
FINE ARTS*		3
MATH	120 or MATH 120E **	3
HIST	101	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ECE	251	3
ECE	262	3
ENG	102	3
HIST	102	3
SCIENCE **		4
TOTAL		**16**

FALL—3rd Semester		Credits
ENG	250	3
ECE	200	3
HDFS	202	3
PSY	101*	3
ECE	127	3
TOTAL		**15**

SPRING—4th Semester		Credits
COM	113*	3
ECE	204	3
HDFS	232	3
HDFS	201	3
SCIENCE**		3
TOTAL		**15**

FALL—5th Semester		Credits
EDSP	301	3
EDEL	311	1
EDRL	474	3
EDU	250	3
MATH	122	3
INT	359/369	3
TOTAL		**16**

SPRING—6th Semester		Credits
EDEL	313	1
EDRL	437	3
EDRL	475	3
EDUC	406	3
EDRL	471	3
MATH	123	3
TOTAL		**16**

FALL—7th Semester		Credits
EDEL	315	1
EDUC	470	3
EDEL	443	3
EDEL	453	3
EDSP	453	3
EDSP	485	1
TOTAL		**14**

SPRING—8th Semester		Credits
EDEL	315	2
EDRL	442	3
EDRL	443	3
EDSP	464	3
EDRL	477	3
EDEL	433	3
TOTAL		**17**

Fall—9th Semester		Credits
EDEL	483	8
EDEL	491	3
ECE	493	8
TOTAL		**19**

Minimum Credits: 143

***Select from page 84**

****Choose with an advisor**

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA
Elementary Education—English Emphasis and ELAD Endorsement

FALL—1st Semester		Credits
ENG	100 or 101	3
MATH	120 or 120E **	3
HIST	101	3
FINE ARTS*		3
PSY	101*	3
TOTAL		**15**

SPRING—2nd Semester		Credits
HDFS	201	3
ENG	102	3
HIST	102	3
SCIENCE**		4
COM	113*	3
TOTAL		**16**

FALL—3rd Semester		Credits
EDEL	311	1
ENG	203 or 223	3
EDU	250	3
ENG	250	3
MATH	122	3
SCIENCE**		3
TOTAL		**16**

SPRING—4th Semester		Credits
EDUC	406	3
ENG	327	3
EDEL	313	1
MATH	123	3
EDUC	323	3
EDSP	301	3
TOTAL		**16**

FALL—5th Semester		Credits
EDSP	485	1
EDRL	437	3
EDRL	474	3
EDSP	453	3
EDUC	470	3
INT	339	3
(or Upper-Division English course)		
TOTAL		**16**

SPRING—6th Semester		Credits
EDEL	315	1
EDRL	442	3
EDRL	443	3
EDRL	475	3
ENG	411B	3
EDSP	464	3
TOTAL		**16**

FALL—7th Semester		Credits
EDEL	315	2
EDEL	433	3
EDEL	443	3
EDEL	453	3
EDRL	471	3
INT	359 or 369	3
TOTAL		**17**

SPRING—8th Semester		Credits
EDEL	483	14
EDEL	491	3
EDRL	477	3
TOTAL		**20**

Minimum Credits: 132

***Select from page 84**

****Choose with an advisor**

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA
Elementary Education—Math Emphasis and ELAD Endorsement

FALL—1st Semester		Credits
ENG	100 or 101	3
HIST	101	3
FINE ARTS*		3
MATH	126 or MATH 126E **	3
PSY	101*	3
TOTAL		**15**

SPRING—2nd Semester		Credits
COM	113*	3
ENG	102	3
HIST	102	3
MATH	127	3
SCIENCE**		4
TOTAL		**16**

FALL—3rd Semester		Credits
ENG	250	3
EDU	250	3
HDFS	201	3
MATH	122	3
SCIENCE**		3
EDEL	311	1
TOTAL		**16**

SPRING—4th Semester		Credits
EDUC	406	3
EDUC	323	3
EDSP	301	3
MATH	123	3
STAT	152	3
EDEL	313	1
TOTAL		**16**

FALL—5th Semester		Credits
EDSP	485	1
EDRL	437	3
EDRL	474	3
EDSP	453	3
EDUC	470	3
INT	359	3
TOTAL		**16**

SPRING—6th Semester		Credits
EDEL	315	1
EDRL	442	3
EDRL	443	3
EDRL	475	3
EDRL	477	3
EDSP	464	3
TOTAL		**16**

FALL—7th Semester		Credits
EDRL	471	3
EDEL	433	3
EDEL	443	3
EDEL	453	3
EDEL	315	2
TOTAL		**14**

SPRING—8th Semester		Credits
EDEL	483	14
EDEL	491	3
TOTAL		**17**

Minimum Credits: 126

***Select from page 84**

****Choose with an advisor**

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA
Elementary Education—Science Emphasis
Options A–D
and ELAD Endorsement

FALL—1st Semester		Credits
ENG	100 or 101	3
MATH	120 or MATH 120E**	3
PSY	101*	3
HIST	101	3
FINE ARTS*		3
TOTAL		**15**

SPRING—2nd Semester		Credits
ENG	102	3
PHYS	100 **	4
HIST	102	3
COM	113*	3
HDFS	201	3
TOTAL		**16**

FALL—3rd Semester		Credits
EDEL	311	1
EDUC	250	3
MATH	122	3
ENG	250	3
BIOL	190**	4
EDUC	323	3
TOTAL		**17**

SPRING—4th Semester		Credits
EDUC	406	3
MATH	123	3
EDEL	313	1
BIOL	191**	3
EDSP	301	3
UPPER DIVISION SCIENCE		3
TOTAL		**16**

FALL—5th Semester		Credits
INT	369	3
EDUC	470	3
EDSP	485	1
EDRL	437	3
EDSP	453	3
EDRL	474	3
TOTAL		**16**

SPRING—6th Semester		Credits
EDEL	315	1
EDRL	442	3
EDRL	443	3
EDRL	475	3
EDRL	477	3
EDSP	464	3
TOTAL		**16**

FALL—7th Semester		Credits
EDEL	453	3
EDEL	433	3
EDEL	443	3
EDRL	471	3
EDEL	315	2
GEOL	101**	4
TOTAL		**18**

SPRING—8th Semester		Credits
EDEL	483	14
EDEL	491	3
TOTAL		**17**

Minimum Credits: 131

***Select from page 84**
****Choose with an advisor**

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA
Elementary Education—
Social Science Emphasis
and ELAD Endorsement

FALL—1st Semester		Credits
ENG	100 or 101	3
HIST	101	3
FINE ARTS*		3
MATH	120 or MATH 120E**	3
PSY	101*	3
TOTAL		**15**

SPRING—2nd Semester		Credits
COM	113*	3
ENG	102	3
HDFS	201	3
HIST	102	3
SCIENCE**		4
TOTAL		**16**

FALL—3rd Semester		Credits
EDEL	311	1
EDUC	323	3
EDU	250	3
MATH	122	3
SCIENCE **		3
ENG	250	3
TOTAL		**16**

SPRING—4th Semester		Credits
EDUC	406	3
EDEL	313	1
EDRL	471	3
UPPER-DIVISION SOCIAL SCIENCE**		3
MATH	123	3
EDSP	301	3
TOTAL		**16**

FALL—5th Semester		Credits
INT	349	3
EDRL	477	3
EDUC	470	3
EDSP	453	3
EDRL	437	3
EDSP	485	1
TOTAL		**16**

SPRING—6th Semester		Credits
EDEL	315	1
EDRL	442	3
EDRL	443	3
EDSP	464	3
EDRL	475	3
UPPER-DIVISION SOCIAL SCIENCE**		3
TOTAL		**16**

FALL—7th Semester		Credits
EDEL	315	2
EDEL	433	3
EDEL	443	3
EDEL	453	3
EDRL	474	3
INT	359 or 369*	3
TOTAL		**17**

SPRING—8th Semester		Credits
EDEL	483	14
EDEL	491	3
TOTAL		**17**

Minimum Credits: 129

***Select from page 84**

****Choose with an advisor**

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA
Elementary Education with Special Education Endorsement and ELAD Endorsement

FALL—1st Semester		Credits
ENG	100 or 101	3
HIST	101	3
FINE ARTS*		3
MATH	120 or MATH 120E**	3
TOTAL		**12**

SPRING—2nd Semester		Credits
COM	113*	3
ENG	102	3
HIST	102	3
SCIENCE**		4
TOTAL		**13**

FALL—3rd Semester		Credits
EDEL	311	1
EDU	250	3
ENG	250	3
MATH	122	3
SCIENCE**		3
EDSP	301	3
TOTAL		**16**

SPRING—4th Semester		Credits
EDUC	406	3
HDFS	201	3
PSY	101*	3
MATH	123	3
EDSP	452	3
EDEL	313	1
TOTAL		**16**

FALL—5th Semester		Credits
INT	359 or 369*	3
EDRL	437	3
EDUC	470	3
EDRL	471	3
EDSP	453	3
EDSP	485	1
TOTAL		**16**

SPRING—6th Semester		Credits
EDEL	315	1
EDSP	441	3
EDEL	433	3
EDRL	475	3
EDSP	434	3
EPY	330	3
TOTAL		**16**

FALL—7th Semester		Credits
EDEL	315	1
EDRL	474	3
EDEL	443	3
EDEL	453	3
EDSP	443	3
EDSP	484	1
TOTAL		**14**

SPRING—8th Semester		Credits
EDRL	477	3
EDSC	443 or EDSC 453*	3
EDRL	442	3
EDRL	443	3
EDEL	315	1
EDSP	464	3
TOTAL		**16**

SPRING—9th Semester		Credits
EDEL	483	8
EDEL	491	3
EDSP	495	8
TOTAL		**19**

Minimum Credit: 138

***Select from page 84**
****Choose with an advisor**

Education

Bachelor of Arts—Secondary Education

Student Learning Outcomes

The graduates of this program will consistently display the following skills in accordance with the InTASC Core Teaching Standards:

Standard #1: Learner Development—The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.

Standard #2: Learning Differences—The teacher understands how children learn and develop and can provide learning opportunities that support their cognitive, social, personal, and physical development.

Standard #3: Learning Environments—The teacher works with others to create environments that support individual and collaborative learning and that encourage positive social interaction, active engagement in learning, and self motivation.

Standard #4: Content Knowledge—The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make these aspects of the discipline accessible and meaningful for learners to assure mastery of the content.

Standard #5: Application of Content—The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.

Standard #6: Assessment—The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.

Standard #7: Planning for Instruction—The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.

Standard #8: Instructional Strategies—The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections and to build skills to apply knowledge in meaningful ways.

Standard #9: Professional Learning and Ethical Practice—The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.

Standard #10: Leadership and Collaboration—The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

These performance standards are assessed through coursework, portfolios, reflections, observations, and performance-based rubrics.

Accreditation

The Northwest Commission on Colleges and Universities accredits this baccalaureate program.

Teacher Education Program Mission Statement

The mission of the teacher education program of Great Basin College is to provide a distinctive early childhood education, elementary, secondary, and special education program for Nevada.

The teacher education program is designed to develop competence, values, skills, and knowledge to promote lifelong learning and is distinctive in the following ways:

- We recognize and value diversity in the heritage and traditions of the region;
- We collaborate with Nevada school districts to offer early and extensive clinical and field experiences throughout the programs;
- We use the professional expertise and contributions of faculty and staff in all academic disciplines; and,
- We use technology for distance education and delivering education courses throughout Nevada..

Academic Advising

It is highly recommended that students interested in pursuing a degree in secondary education seek advisement early in their academic program to ensure efficient advancement through the program. The course of study in secondary education involves the proper sequencing of methods courses with field experiences. All students are encouraged to schedule appointments with their advisors on a regular basis. Program degree requirements and licensure requirements may change. Contact the education department at 775.327.2132 to schedule an appointment with your advisor.

Admission to the Teacher Education Program
Application Deadline
After the specified prerequisites have been met, students must formally apply for admission into the teacher education program. Applications are accepted each semester for the following semester. The deadlines for submitting applications will be March 1 for admission in the subsequent fall semester and October 1 for admission in the subsequent spring semester. Contact the education department to receive a copy of the most current GBC teacher education program admission handbook.

Prior to application to the teacher education program, students must successfully complete the following:

- Praxis Core exam (documentation of passing scores on all three exams must be received by application deadline).
- 40 college credits.
- Completion of ENG 102, MATH 126, 126E or higher, and EDU 250 with a grade of C- or higher before acceptance.
- A GPA of 3.0 or higher, based on the student's most recent 40 credits.
- Official transcripts from all other colleges sent to GBC's Admissions and Records office.
- Technology and education courses completed within the last eight years.
- A review of conduct with the student conduct officer.

Admission Criteria
The teacher education committee will admit a limited number of students to the teacher education program each semester. Admission is on a competitive basis. When there are more qualified applicants than there are available spaces in the program, preference will be given to those with the highest qualifications. Meeting minimum application criteria does not guarantee admission to the program. Those students who meet or exceed the minimum criteria but who are not admitted may reapply in future semesters.

Endorsement Areas
Students majoring in secondary education must select a subject area endorsement. The following subject emphasis areas are offered at Great Basin College:

- Biological Science
- Business Education
- English
- Mathematics
- Social Sciences
- Additional endorsements include:
  ELAD—English Language Acquisition and Development
  Special Education (Generalist K-12)

Maintaining Good Standing
Once in the program, students will adhere to the rules of the current teacher education program handbook. Students who have been admitted to the teacher education program will maintain their status as students in good standing and be allowed to graduate, if they meet the following requirements:

- Maintain a cumulative 2.5 GPA at GBC.
- Receive no lower than a B- in all upper-division education courses, and no lower than a C- in all additional baccalaureate program and emphasis requirements.
- Maintain an ethical/professional standard of behavior.
- Receive satisfactory evaluations in field work.

Student Teaching Internship
Applications for the student teaching internships must be completed during the last semester of coursework. Students who plan to student teach in the fall semester must submit an application by February 15. Students who plan to student teach in the spring semester must submit an application by September 15. Students must hold a current substitute license, have maintained a 2.5 cumulative GPA at GBC, receive a satisfactory field work evaluation, and have taken or be registered for the Praxis II.

During the student teaching internship semester, students are required to take the capstone seminar (EDSC 491). Students must complete at least 15 education credits, to include at least two credits in field experience classes at GBC in order to student teach.

Portfolio
Students will be required to complete an electronic portfolio. An introduction to the process will take place in EDSC 311, and development will continue throughout the program with workshops during each field experience class. Students will complete the portfolio during the student teaching internship. Presentations of the portfolios take place immediately following the internship.

Nevada Department of Education Licensure Requirements
According to Nevada Revised Statutes, all teaching licenses in Nevada are granted by the Nevada State Board of Education.

All Teacher Education Program students must meet the Nevada Department of Education requirements in order to be licensed.

Biological Science and ELAD Endorsement

I. General Education and Program Core Requirements

A. Lower-Division General Education Requirements

BIOL	190	Introduction to Cell and Molecular Biology	4
CHEM	121	General Chemistry I	4
ENG	100	Composition-Enhanced, or	
ENG	101	Composition I	3
ENG	102	Composition II	3
MATH	127	Precalculus II or higher	3
STAT	152	Introduction to Statistics, or	
MATH	182	Calculus II	3
Fine Arts			3
Humanities			3
Social Science			6

Constitution requirement of: HIST 101 and HIST 102, or PSC 101 included in the six credits

Total for Section I A 32

B. Lower-Division Secondary Education Core Requirements

COM	113	Fundamentals of Speech Communication, or	
THTR	102	Introduction to Stage Voice, or	
THTR	221	Oral Interpretation	3
EDU	214	Preparing Teachers to Use Technology	3
EDU	250	Foundations of Education	3

Total for Section I B..... 9

C. Upper-Division Secondary Education Core Requirements

EDSC	311	Secondary Methods Practicum I	1
EDSC	313	Secondary Methods Practicum II	1
EDSC	315	Secondary Methods Practicum III	1
EDRL	471	Theory and Practice for Academic English Language Development	3
EDRL	474	Methods and Curriculum for Teaching English Language Learners	3
EDRL	475	Assessment and Evaluation of English Language Learners	3
EDRL	477	Policies, Critical Issues, and Best Practices for ELLs - Practicum	3
EDSC	463	Teaching Secondary Science	3
EDSC	483	Secondary Supervised Teaching Internship	14
EDSC	491	Secondary Education Capstone Seminar	3
EDSP	301	Education of the Exceptional Child	3
EDUC	323	Curriculum Design for Family Engagement	3
EDUC	406	Curriculum and Assessment Education	3
INT	359	Integrative Math Seminar, or	
INT	369	Integrative Science Seminar	3
EPY	330	Principles of Educational Psychology	3

Total for Section I C..... 50

Total for Section I..... 91

II. Content-Area Requirements Biological Science Program

A. Lower-Division Requirements

BIOL	191	Introduction to Organismal Biology	4
CHEM	122	General Chemistry II	4
PHYS	151	General Physics I	4

Total Unduplicated Lower-Division Requirements 12

B. Upper-Division Requirements

BIOL	300	Principles of Genetics	4
BIOL	331	Plant Taxonomy, or	
BIOL	410	Plant Physiology	3
BIOL	341	Principles of Ecology	3
BIOL	415	Evolution	4
BIOL	447	Advanced Comparative Animal Physiology	3

Total for Section II B..... 17

Total for Section II A 12

Total for Section I..... 91

Total for All Sections..... 120

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA—Secondary Education
Biological Science and
ELAD Endorsement

FALL—1st Semester		Credits
BIOL	190	4
CHEM	121	4
COM	113	3
ENG	100 or 101	3
PSC	101	3
TOTAL		**17**

SPRING—2nd Semester		Credits
BIOL	191	4
CHEM	122	4
ENG	102	3
FINE ARTS*		3
TOTAL		**14**

FALL—3rd Semester		Credits
EDRL	471	3
EDSC	311	1
EDU	214	3
EDU	250	3
MATH	127	3
SOCIAL SCIENCE*		3
TOTAL		**16**

SPRING—4th Semester		Credits
EDSC	313	1
EDUC	323	3
EDUC	406	3
HUMANITIES*		3
STAT	152 or MATH 182	3
TOTAL		**13**

FALL—5th Semester		Credits
BIOL	300	4
EDRL	474	3
EPY	330	3
INT	359 or 369	3
TOTAL		**13**

SPRING—6th Semester		Credits
BIOL	331 or 410	3
BIOL	415	4
EDRL	475	3
EDRL	477	3
EDSP	301	3
TOTAL		**16**

FALL—7th Semester		Credits
BIOL	341	3
BIOL	447	3
EDSC	315	1
EDSC	463	3
PHYS	151	4
TOTAL		**14**

SPRING—8th Semester		Credits
EDSC	483	14
EDSC	491	3
TOTAL		**17**

Minimum Credits: 120

***Select from page 84**

Business Endorsement and ELAD Endorsement

Complete one year of verifiable paid or unpaid work experience in a business, industry, or agency outside of K-12 education in area of endorsement.

I. General Education and Program Core Requirements

A. Lower-Division General Education Requirements

ENG	100	Composition-Enhanced, or	
ENG	101	Composition I	3
ENG	102	Composition II	3
Fine Arts			3
Humanities			3
Mathematics			3
		MATH 126, 126E, 127, 128, or STAT 152	
Science			7
Social Science**			6

**The six social science credits include the constitution requirement (PSC 101 or HIST 101 and 102, and ECON 102 or 103)

Total for Section I A 28

B. Lower-Division Secondary Education Core Requirements

COM	113	Fundamentals of Speech Communication, or	
THTR	102	Introduction to Stage Voice, or	
THTR	221	Oral Interpretation	3
EDU	250	Foundations of Education	3

Total for Section I B..... 6

C. Upper-Division Secondary Education Core Requirements

EDCT	439	Methods of Teaching Career and Technical Education	3
EDRL	471	Theory and Practice for Academic English Language Development	3
EDRL	474	Methods and Curriculum for Teaching English Language Learners	3
EDRL	475	Assessment and Evaluation of English Language Learners	3
EDRL	477	Policies, Critical Issues, and Best Practices for ELLs - Practicum	3
EDSC	311	Secondary Methods Practicum I	1
EDSC	313	Secondary Methods Practicum II	1
EDSC	315	Secondary Methods Practicum III	1
EDSC	483	Secondary Supervised Teaching Internship	14
EDSC	491	Secondary Education Capstone Seminar	3
EDSP	301	Education of the Exceptional Child	3
EDUC	323	Curriculum Design for Family Engagement	3
EDUC	406	Curriculum and Assessment Education	3
EPY	330	Principles of Educational Psychology	3
INT	359	Integrative Math Seminar, or	
INT	369	Integrative Science Seminar	3

Total for Section I C..... 50

Total for Section I 84

II. Content-Area Requirements Business Education Endorsement

A. Content Area Requirements

ACC	201	Financial Accounting	3
BUS	273	Business Law I	3
FIN	310	Applied Accounting and Finance	3
IS	201	Computer Applications	3
IS	301	Management Information Systems	3
MKT	210	Marketing Principles	3
MGT	310	Foundations of Management Theory and Practice	3
MGT	367	Human Resource Management	3
MGT	480	International Management	3

B. Career and Technical Education Requirements

EDCT	471	Career and Technical Student Organizations	3
EDCT	490	Cooperative Career and Technical Programs	3
EDCT	447	Curriculum Development in Career and Technical Education	3

Total for Section I 84

Total for Section II..... 36

Total for All Sections..... 120

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA—Secondary Education
Business and ELAD Endorsement

FALL—1st Semester		Credits
COM	113	3
ENG	100 or 101	3
HUMANITIES*		3
MATH	126 or MATH 126E	3
PSC	101	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ACC	201	3
ECON	102	3
ENG	102	3
IS	201	3
SCIENCE*		3
TOTAL		**15**

FALL—3rd Semester		Credits
ESDC	311	1
EDU	250	3
FINE ARTS*		3
IS	301	3
SCIENCE*		4
TOTAL		**14**

SPRING—4th Semester		Credits
EDCT	490	3
EDRL	475	3
EDSC	313	1
EDUC	406	3
MGT	310	3
TOTAL		**13**

FALL—5th Semester		Credits
EDCT	471	3
EDRL	471	3
EDUC	323	3
EPY	330	3
EDSP	301	3
TOTAL		**15**

SPRING—6th Semester		Credits
EDCT	439	3
EDRL	477	3
EDSC	315	1
MGT	367	3
MGT	480	3
INT	359 or 369	3
TOTAL		**16**

FALL—7th Semester		Credits
BUS	273	3
EDCT	447	3
EDRL	474	3
FIN	310	3
MKT	210	3
TOTAL		**15**

SPRING—8th Semester		Credits
EDSC	483	14
EDSC	491	3
TOTAL		**17**

Minimum Credits: 120

***Select from page 84**

English and ELAD Endorsement

I. General Education and Program Core Requirements

A. Lower-Division General Education Requirements

ENG 100 Composition-Enhanced, or
ENG 101 Composition I 3
ENG 102 Composition II 3
Fine Arts 3
Humanities—ENG 203 or 223 3
Mathematics 3
Either MATH 120, 120E, 126, 126E or higher
Science 7
Social Science 6
(Constitution requirement of PSC 101 or HIST 101 and HIST 102 included in the six credits)

Total for Section I A 28

B. Lower-Division Secondary Education Core Requirements

COM 113 Fundamentals of Speech Communication, or
THTR 102 Introduction to Stage Voice, or
THTR 221 Oral Interpretation 3
EDU 214 Preparing Teachers to Use Technology 3
EDU 250 Foundations of Education 3

Total for Section I B 9

C. Upper-Division Secondary Education Core Requirements

EDRL 471 Theory and Practice for Academic English Language Development 3
EDRL 474 Methods and Curriculum for Teaching English Language Learners 3
EDRL 475 Assessment and Evaluation of English Language Learners 3
EDRL 477 Policies, Critical Issues, and Best Practices for ELLs - Practicum 3
EDSC 311 Secondary Methods Practicum I 1
EDSC 313 Secondary Methods Practicum II 1
EDSC 315 Secondary Methods Practicum III 1
EDSC 433 Teaching Secondary English 3
EDSC 483 Secondary Supervised Teaching Internship 14
EDSC 491 Secondary Education Capstone Seminar 3
EDSP 301 Education of the Exceptional Child 3
EDUC 323 Curriculum Design for Family Engagement 3
EDUC 406 Curriculum and Assessment Education 3
EPY 330 Principles of Educational Psychology 3
INT 339 Integrative Humanities Seminar, or
INT 349 Integrative Social Science Seminar 3

Total for Section I C 50
Total for Section I 87

II. Content-Area Requirements English Education Endorsement

A. Lower-Division Requirements

JOUR 102 News Reporting and Writing 3

B. Upper-Division Requirements

ENG 310 The Rhetoric of Everyday Texts 3
ENG 325 Advanced Literary Study 3
ENG 327 Composition III 3
ENG 329 Language Study 3
ENG 411B Principles of Modern Grammar 3
ENG 433A Shakespeare: Tragedies and Histories 3
ENG 449A British Literature I, or
ENG 449B British Literature II 3
ENG 451A American Literature I, or
ENG 451B American Literature II 3
ENG 475B Literary Nonfiction 3
ENG 497A Topics in Multicultural Literature 3

Total for Section I 87

Total for Section II 33

Total Unduplicated for All Sections 120

120 credits required for BA.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA—Secondary Education
English and ELAD Endorsement

FALL—1st Semester		Credits
COM	113	3
EDU	214	3
ENG	100 or 101	3
FINE ARTS*		3
MATHEMATICS*		3
TOTAL		**15**

SPRING—2nd Semester		Credits
EDU	250	3
EDSC	311	1
ENG	102	3
PSC	101	3
SCIENCE*		4
TOTAL		**14**

FALL—3rd Semester		Credits
EDSC	313	1
EDUC	406	3
ENG	203 or 223	3
HIST	101 or 102	3
SCIENCE*		3
TOTAL		**13**

SPRING—4th Semester		Credits
EDRL	471	3
ENG	325	3
ENG	327	3
ENG	451A or 451B	3
ENG	475B	3
TOTAL		**15**

FALL—5th Semester		Credits
EDRL	474	3
EDUC	323	3
ENG	329	3
ENG	497A	3
EPY	330	3
TOTAL		**15**

SPRING—6th Semester		Credits
EDRL	475	3
ENG	310	3
ENG	449A or 449B	3
INT	339 or 349	3
JOUR	102	3
TOTAL		**15**

FALL—7th Semester		Credits
EDRL	477	3
EDSC	315	1
EDSC	433	3
EDSP	301	3
ENG	411B	3
ENG	433A	3
TOTAL		**16**

SPRING—8th Semester		Credits
EDSC	483	14
EDSC	491	3
TOTAL		**17**

Minimum Credit: 120

***Select from page 84**

Mathematics and ELAD Endorsement

I. General Education and Program Core Requirements

A. Lower-Division General Education Requirements

ENG 100 Composition-Enhanced, or
ENG 101 Composition I 3
ENG 102 Composition II 3
Fine Arts 3
Humanities 3
Mathematics* 3
Science 7
Social Science 6
(Included in the six credits is the constitution requirement of PSC 101 or HIST 101 and HIST 102)

*Met by mathematics endorsement courses.

Total for Section I A 25

B. Lower-Division Secondary Education Core Requirements

COM 113 Fundamentals of Speech Communication, or
THTR 102 Introduction to Stage Voice, or
THTR 221 Oral Interpretation 3
EDU 250 Foundations of Education 3

Total for Section I B..... 6

C. Upper-Division Secondary Education Core Requirements

EDRL 471 Theory and Practice for Academic English Language Development 3
EDRL 474 Methods and Curriculum for Teaching English Language Learners 3
EDRL 475 Assessment and Evaluation of English Language Learners 3
EDRL 477 Policies, Critical Issues, and Best Practices for ELLs - Practicum..... 3
EDSC 311 Secondary Methods Practicum I 1
EDSC 313 Secondary Methods Practicum II 1
EDSC 315 Secondary Methods Practicum III 1
EDSC 453 Teaching Secondary Mathematics 3
EDSC 483 Secondary Supervised Teaching Internship..... 14
EDSC 491 Secondary Education Capstone Seminar.... 3
EDSP 301 Education of the Exceptional Child 3
EDUC 323 Curriculum Design for Family Engagement 3
EDUC 406 Curriculum and Assessment Education..... 3
EPY 330 Principles of Educational Psychology 3
INT 369 Integrative Science Seminar..... 3

Total for Section I C..... 50

Total for Section I 81

II. Content-Area Requirements Secondary Mathematics Program

A. Lower-Division Requirements*

CS 135 Computer Science I 3
MATH 181 Calculus I 4
MATH 182 Calculus II 4
MATH 251 Discrete Mathematics I 3
MATH 283 Calculus III 4
STAT 152 Introduction to Statistics 3
Mathematics Elective 3
Choose from MATH 126, 126E, 127, or 128 with advisement.

*Three credits of these satisfy the mathematics general education requirement.

Total Unduplicated Lower-Division Requirements 24

B. Upper-Division Requirements

MATH 330 Linear Algebra 3
MATH 331 Groups, Rings, and Fields 3
MATH 333 Number Theory for Secondary School Teachers..... 3
MATH 475 Euclidean and Non-Euclidean Geometry 3
Mathematics Elective 3
Choose from MATH 285, 310, 314

Total for Section II B..... 15

Total for Section II A 24

Total for Section I..... 81

Total for All Sections..... 120

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA—Secondary Education
Mathematics and ELAD Endorsement

FALL—1st Semester		Credits
COM	113	3
ENG	100 or 101	3
FINE ARTS*		3
LOWER-DIVISION MATHEMATICS ELECTIVE**		3
SOCIAL SCIENCE*		3
TOTAL		**15**

SPRING—2nd Semester		Credits
EDU	250	3
EDSC	311	1
CS	135	3
ENG	102	3
SCIENCE*		4
TOTAL		**14**

FALL—3rd Semester		Credits
EDRL	471	3
HUMANITIES*		3
MATH	181	4
SCIENCE*		3
STAT	152	3
TOTAL		**16**

SPRING—4th Semester		Credits
EDSC	313	1
EDUC	323	3
EDUC	406	3
MATH	182	4
SOCIAL SCIENCE*		3
TOTAL		**14**

FALL—5th Semester		Credits
EDRL	474	3
EPY	330	3
MATH	251	3
MATH	283	3
MATH	330	4
TOTAL		**16**

SPRING—6th Semester		Credits
EDSC	315	1
EDSC	453	3
EDRL	475	3
MATH	331	3
MATH	475	3
TOTAL		**13**

FALL—7th Semester		Credits
EDRL	477	3
EDSP	301	3
INT	369	3
MATH	433	3
UPPER-DIVISION MATHEMATICS ELECTIVE**		3
TOTAL		**15**

SPRING—8th Semester		Credits
EDSC	483	14
EDSC	491	3
TOTAL		**17**

Minimum Credits: 120

***Select from page 84**
****Choose with an advisor**

Social Sciences and ELAD Endorsement

I. General Education and Program Core Requirements

A. Lower-Division General Education Requirements

ENG	100	Composition-Enhanced, or	
ENG	101	Composition I	3
ENG	102	Composition II	3
GEOG	106	Introduction to Cultural Geography	3
HIST	101	U.S. History to 1877	3
HIST	102	U.S. History Since 1877	3
Fine Arts			3
Humanities			3
Mathematics			3
		MATH 120, 120E, 126, 126E or higher	
Science			7
Total for Section I A			**31**

B. Lower-Division Secondary Education Core Requirements

COM	113	Fundamentals of Speech Communication, or	
THTR	102	Introduction to Stage Voice, or	
THTR	221	Oral Interpretation	3
EDU	214	Preparing Teachers to Use Technology	3
EDU	250	Foundations of Education	3
Total for Section I B			**9**

C. Upper-Division Secondary Education Core Requirements

EDRL	471	Theory and Practice for Academic English Language Development	3
EDRL	474	Methods and Curriculum for Teaching English Language Learners	3
EDRL	475	Assessment and Evaluation of English Language Learners	3
EDRL	477	Policies, Critical Issues, and Best Practices for ELLs - Practicum	3
EDSC	311	Secondary Methods Practicum I	1
EDSC	313	Secondary Methods Practicum II	1
EDSC	315	Secondary Methods Practicum III	1
EDSC	473	Teaching Secondary Social Sciences	3
EDSC	483	Secondary Supervised Teaching Internship	14
EDSC	491	Secondary Education Capstone Seminar	3
EDSP	301	Education of the Exceptional Child	3
EDUC	323	Curriculum Design for Family Engagement	3
EDUC	406	Curriculum and Assessment Education	3
EPY	330	Principles of Educational Psychology	3
INT	301	Integrative Research Methodology	3
INT	339	Integrative Humanities Seminar, or	
INT	349	Integrative Social Science Seminar	3

Total for Section I C **53**

Total for Section I **93**

II. Content-Area Requirements

A. Lower-Division Requirements*

- Students must have 36 semester hours of credit in the social sciences, which must include at least 3 semester hours in each of the areas listed below, 24 of which must be in subject areas 5, 6, and 7.
- Within these 36 credits, at least 9 credits must be upper division; 6 of these 9 credits must be in History.
- Principles of Educational Psychology (EDU 330) may not be used toward this total; HIST 101 and 102 may be used.

1. **Economics**—Recommended: ECON 102 or 103. other acceptable Courses: ECON 104.

2. **Geography**—Required: GEOG 106.

3. **Psychology or Sociology**—Recommended: PSY 101 or SOC 101. Other acceptable courses: PSY 102, 130, 208, 234, 435, 460.

4. **Ethnic Studies**—Recommended: ANTH 400A or 400B.

5. **Political Science**—Recommended PSC 403K. Other acceptable courses: PSC 101, 210, 403C.

6. **U.S. History** —Required HIST 101 and 102. Other acceptable courses: HIST 217, 417C, 441, 498.

7. **History of the World**—Recommended: HIST 105, 106, 247.

*Nine credits of these satisfy the social science and humanities general education requirement.

Total Unduplicated Lower-Division Requirements 18

B. Upper-Division Requirements

History Elective: Upper-division U.S. or world history	6
Additional upper-division social science or history	3

Total for Section II A **18**
Total for Section II B **9**
Total for Section I **93**
Total for All Sections **120**

120 credits required for BA

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA—Secondary Education
Social Science and ELAD Endorsement

FALL—1st Semester		Credits
COM	113	3
ENG	100 or 101	3
FINE ARTS*		3
HIST	101	3
MATH	120 or 120E	3
TOTAL		**15**

SPRING—2nd Semester		Credits
EDU	214	3
ENG	102	3
HIST	102	3
HUMANITIES*		3
SCIENCE*		3
TOTAL		**15**

FALL—3rd Semester		Credits
EDSC	311	1
EDU	250	3
GEOG	106	3
SCIENCE*		4
SOCIAL SCIENCE*		3
TOTAL		**14**

SPRING—4th Semester		Credits
EDRL	475	3
EDSC	313	1
EDUC	406	3
INT	301	3
SOCIAL SCIENCE**		6
TOTAL		**16**

FALL—5th Semester		Credits
EDRL	471	3
EDUC	323	3
EPY	330	3
SOCIAL SCIENCE**		6
TOTAL		**15**

SPRING—6th Semester		Credits
EDRL	477	3
EDSP	301	3
INT	339 or 359	3
SOCIAL SCIENCE**		6
TOTAL		**15**

FALL—7th Semester		Credits
EDRL	474	3
EDSC	315	1
EDSC	473	3
UPPER-DIVISION SOCIAL SCIENCE OR HISTORY		6
TOTAL		**13**

SPRING—8th Semester		Credits
EDSC	483	14
EDSC	491	3
TOTAL		**17**

Minimum Credits: 120

***Select from page 84**
****Choose with an advisor**

ELAD—English Language Acquisition and Development

This endorsement is attached to the initial license, either elementary or secondary. It is not a K-12 endorsement. The ELAD endorsement adheres to the standards of Teachers of English to Speakers of Other Languages (TESOL).

EDRL 471, 474, 475, 477

Special Education (Generalist, K-12)

This endorsement will provide the coursework needed to be certified in the State of Nevada as a generalist special education teacher for students with mild and moderate disabilities. The student teaching internship for special education can be combined with the elementary internship or the secondary internship and can be completed in one semester.

HDFS 201, EPY 330; and
EDEL 433 or EDRL 437 and EDSC 433 or 453; and
EDSP 301, 441, 434, 443, 453, 452; and
EDSP 484 Special Education Practicum: Elementary Level
EDSP 485 Special Education Practicum: Secondary Level
EDSP 495 Student Teaching Internship in Special Education

Alternative Route to Licensure Program (ARL) Post-Baccalaureate Certificate

The ARL/post-baccalaureate certification program at GBC enables students who have completed an undergraduate degree to become eligible for licensure to teach in Nevada in the areas of early childhood, elementary, secondary, and special education.

In order to apply to the program, a student must have already completed a baccalaureate degree from a regionally accredited institution. It is imperative that students seek advising from the teacher education department faculty.

Once in the program, students will adhere to the rules of the current teacher education program handbook. Students must remain continuously enrolled and complete the program requirements within three years.

Application

To be eligible for the ARL/post-baccalaureate program at GBC, students must:

1. Hold a bachelor's degree with a minimum GPA of 3.0, cumulative or over the last 40 credits.
2. Apply to Great Basin College.
3. Complete an ARL/post-baccalaureate program application.
4. Successfully pass the admissions interview (assesses dispositions, basic communication skills, and background knowledge) with program faculty and staff.
5. Pass the Praxis Core Academic Skills for Educators exam, or equivalent, as prescribed by the Nevada Department of Education for initial licenses. Master's degree holders are exempt.
6. Pass a fingerprint background check, or hold a valid substitute license issued by the Nevada Department of Education.
7. Secondary only: Pass the Praxis Content Area exam for the desired subject endorsement area, as prescribed by the Nevada Department of Education for initial licenses.

To be eligible to apply for a conditional license, and be able to teach full time in a Nevada school district or charter school, ARL students must:

1. Be accepted into the GBC ARL program.
2. Accept and remit to the Nevada Department of Education (NDE) an offer of employment from a Nevada school district in GBC's service area.
3. Maintain continuous enrollment in your ARL program of study.
4. Be evaluated each year as effective or highly effective by your school-site administrator for a minimum of two years and a maximum of three years.

How participants will be mentored and evaluated during their school-based experience.

For program participants employed by a Nevada school district or charter school, the employer will agree to pair the participant with a mentor. The mentor will conduct classroom observations and meet with the participant on a regular basis to discuss issues as related to his/her teaching assignment and to support his/her success as a new teacher.

For program participants not employed as a full time teacher under the conditional license, a minimum of 110 hours of field experience will be conducted and supervised by a lead teacher and program faculty, in addition to student teaching. A portfolio, aligned with the INTASC Standards, will be completed and evaluated during the student teaching and capstone semester.

Note: Students who are offered employment and receive the conditional license from NDE will be classified under the appropriate ARL degree code. Those who are not hired full-time, but complete the traditional pathway including student teaching, will be classified under the Post-baccalaureate (PB) degree code.

Alternative Route to Licensure

Early Childhood Education (birth to 2nd grade)

List of courses offered by GBC used to satisfy the pedagogy requirement in early childhood education. Program participants will be required to pass each course with a grade of B- or better. Courses are aligned with the pedagogy requirements of NAC 391.089.

ECE	127	Role of Play Infant/Toddler	3
ECE	200	The Exceptional Child	3
ECE	204	Principles of Child Guidance	3
ECE	210	Observation, Documentation, & Assessment of Young Children	3
ECE	250	Introduction to Early Childhood Education	3
ECE	251	Curriculum in Early Childhood Education	3
ECE	262	Early Language and Literacy Development	3
HDFS	201	Life Span Development	3
HDFS	202	Introduction to Families	3
HDFS	232	Diversity in Children	3
EDEL	433	Methods for Teaching PK-8 Mathematics	3
EDEL	443	Methods for Teaching PK-8 Science	3
EDEL	453	Methods for Teaching PK-8 Social Studies	3
EDRL	471	Theory and Practice for Academic English Language Development	3
EDRL	474	Methods and Curriculum for Teaching English Language Learners	3
EDRL	475	Assessment and Evaluation of English Language Learners	3
EDRL	477	Policies, Critical Issues and Best Practices for ELLs-Practicum	3
		TOTAL	**51**

Once a student is admitted into the ARL program and has an offer of full-time teaching employment, a certificate will be awarded and can be sent to the Nevada Department of Education with an application for a conditional license.

Post-Baccalaureate Certificate

In addition to the ARL courses listed above, a post-baccalaureate candidate will complete the following:

EDEL	315	Elementary Methods Practicum III	2-3
ECE	493	Supervised Internship in ECE	12
		TOTAL	**65-66**

Alternative Route to Licensure

Elementary Education

List of courses offered by GBC used to satisfy the pedagogy requirement in elementary education. Program participants will be required to pass each course with a grade of B- or better. Courses are aligned with the pedagogy requirements of NAC 391.095.

HDFS	201	Life Span Development	3
EDUC	323	Curriculum Design for Family Engagement	3
EDUC	470	Multicultural Education for a Diverse Society	3
EDSP	301	Education of the Exceptional Child	3
EDSP	453	Behavior Management and Social-Emotional Learning in the Classroom	3
EDSP	464	Intensification of Instruction through Multi-tiered Systems of Support	3
EDRL	442	Literacy Instruction I	3
EDRL	443	Literacy Instruction II	3
EDRL	437	Teaching Reading	3
EDEL	433	Methods for Teaching PK-8 Mathematics	3
EDEL	443	Methods for Teaching PK-8 Science	3
EDEL	453	Methods for Teaching PK-8 Social Studies	3
EDRL	471	Theory and Practice for Academic English Language Development	3
EDRL	474	Methods and Curriculum for Teaching English Language Learners	3
EDRL	475	Assessment and Evaluation of English Language Learners	3
EDRL	477	Policies, Critical Issues and Best Practices for ELLs, Practicum	3
		TOTAL	**48**

Once a student is admitted into the ARL program and has an offer of full-time teaching employment, a certificate will be awarded and can be sent to the Nevada Department of Education with an application for a conditional license.

Post-Baccalaureate Certificate

In addition to the ARL courses listed above, a post-baccalaureate candidate will complete the following:

EDEL	313	Elementary Methods Practicum II	1
EDEL	315	Elementary Methods Practicum III	3
EDSP	485	Special Education Practicum	1
EDEL	483	Elementary Supervised Teaching Internship	12
		TOTAL	**65**

Alternative Route to Licensure

Secondary Education

List of courses offered by GBC used to satisfy the pedagogy requirement in secondary education. Program participants will be required to pass each course with a grade of B- or better. Courses are aligned with the pedagogy requirements of NAC 391.0575, (a) – (f).

EDU	250	Foundations of Education	3
EDUC	406	Curriculum and Assessment Education	3
EDUC	323	Curriculum Design for Family Engagement	3
EDSP	301	Education of the Exceptional Child	3
EPY	330	Principles of Educational Psychology	3
EDRL	474	Methods and Curriculum for Teaching English Language Learners	3
EDRL	471	Theory and Practice for Academic English Language Development	3
EDRL	475	Assessment and Evaluation of English Language Learners	3
EDRL	477	Policies, Critical Issues and Best Practices for ELLs-Practicum	3

Methods Course Requirement (one required) 3

EDSC	433	Teaching Secondary English	
EDSC	453	Teaching Secondary Mathematics	
EDSC	463	Teaching Secondary Science	
EDSC	473	Teaching Secondary Social Studies	

Methods for teaching art, music, or physical education will be developed as needed or taken from a partnering regionally accredited institution

TOTAL 30

Once a student is admitted into the ARL program and has an offer of full-time teaching employment, a certificate will be awarded and can be sent to the Nevada Department of Education with an application for a conditional license.

Post-Baccalaureate Certificate

In addition to the ARL courses listed above, a post-baccalaureate candidate will complete the following:

EDSC	313	Secondary Methods Practicum II	1
EDSC	315	Secondary Methods Practicum III	2-3
EDSC	483	Secondary Supervised Teaching Internship	14
EDSC	491	Secondary Education Capstone Seminar	3

TOTAL 50-51

Alternative Route to Licensure

Special Education

List of courses offered by GBC used to satisfy the pedagogy requirement in special education. Program participants will be required to pass each course with a grade of B- or better. Courses are aligned with the pedagogy requirements of NAC 391.343.

HDFS	201	Lifespan Human Development	3
EDSP	301	Education of the Exceptional Child	3
EPY	330	Principles of Educational Psychology	3
EDRL	437	Teaching Reading	3
EDEL	433	Methods for Teaching PK-8 Mathematics	3
EDSP	441	Characteristics and Inclusive Strategies for Students with Mild and Moderate Disabilities	3
EDSP	452	Assessment for Special Education Teachers	3
EDSP	453	Behavior Management and Social-Emotional Learning in the Classroom	3
EDSP	434	Community and Family Integration for the Transition of Individuals with Special Needs	3
EDSP	443	Special Education Curriculum: General Methods	3
EDSP	464	Intensification of Instruction through Multi-tiered Systems of Support	3

TOTAL 33

Once a student is admitted into the ARL program and has an offer of full-time teaching employment, a certificate will be awarded and can be sent to the Nevada Department of Education with an application for a conditional license.

Post-Baccalaureate Certificate

In addition to the ARL courses listed above, a Post-Baccalaureate candidate will complete the following:

EDEL	315	Elementary Methods Practicum III	1
EDSP	484	Special Education Practicum: Elementary Level	1
EDSP	485	Special Education Practicum: Secondary Level	1
EDSP	495	Student Teaching Internship in Special Education	12

TOTAL 48

English

Associate of Arts— English (Pattern of Study)

This suggested pattern of study for the associate of arts degree is recommended for students wishing to pursue a baccalaureate degree in English or an English-related discipline. This pattern is specifically designed to transfer directly into GBC's Bachelor of Arts in English program upon completion of this A.A. degree.

Students should be aware that many colleges and universities have different lower-division requirements. Students intending to transfer into a baccalaureate degree program at another institution should check that institution's lower-division requirements to ensure that appropriate courses are taken at Great Basin College.

Student Learning Outcomes

Students graduating with an Associate of Arts (English Emphasis) will have the knowledge and skills necessary to:

- Analyze literary texts using a variety of techniques and critical frameworks, as well as synthesize complex literary arguments and interpretations.
- Write and communicate effectively in diverse contexts and in a variety of academic, creative, and professional genres.
- Explicate and utilize numerous theories and methodologies of reading and interpreting literary texts.
- Think critically and analytically to address complex problems, understand diverse viewpoints, and explicate various cultural and social perspectives.

Degree Requirements **Credits**

General Education

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Oral Communications—COM 113 (required) 3

Evidence-Based Communications 3
ENG 102

Fine Arts..... 3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105

Logical and Scientific Reasoning

Mathematical Reasoning..... 3
MATH 120, 120E, MATH 126, 126E or higher, or STAT 152

Scientific Reasoning..... 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103, and NUTR 121

Scientific Data Interpretation 3-4
AST 101, BIOL 100, BIOL 190, CHEM 100, CHEM 121, ENV 100, GEOL 101, NUTR 121, PHYS 100, PHYS 151, PHYS 180

Human Societies and Experience

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

American Constitutions and Institutions: 3
HIST 101/102 (must take both) or PSC 101

Humanities..... 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210 MUS 121,MUS 125, PHIL 102, PHIL 129, SPAN 111 SPAN 112,SPAN 211

Technological Proficiency **3**
CIT 129, CS 135, EDU 214, GIS 109, GRC 119, IS 101

Foundations

Social Science 3
Any transferrable course 100- or 200-level ANTH (except ANTH 102); CRJ; HIST; PSC; PSY; SOC; ECON 102; ECON 103; GEOG 106

Humanities/Fine Arts 3
Any transferrable course 200-level ENG or 100- or 200-level AM, ART, FIS, FREN, GRC 103, GRC 156, HIST 208, HIST 209, HUM, JOUR, MUS, PHIL, SPAN, THTR

Program Requirements

JOUR	102	News Reporting and Writing 3

At least 9 credits selected from: 9

ENG	203	Introduction to Literary Study
ENG	205	Introduction to Creative Writing:
ENG	221	Writing Fiction
ENG	223	Themes of Literature
ENG	240	Digital Literacy and Composition
ENG	250	Fiction and Poetry
ENG	259	Speculative Fiction and Fantasy Literature
ENG	261	Introduction to Poetry
ENG	267	Introduction to Women and Literature

General Electives (Choose with an advisor)..... 9
Recommended: 9 additional credits from list above.

See the following page for suggested course sequence and American Constitutions and Institutions requirement.

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

SUGGESTED COURSE SEQUENCE
(Refer to page 91)
AA—English
(Pattern of Study)

FALL—1st Semester	Credits
AMERICAN CONSTITUTIONS AND INSTITUTIONS*	3
ENG 100 or 101	3
MATHEMATICAL REASONING*	3
SCIENTIFIC DATA INTERPRETATION*	3
TECHNOLOGICAL PROFICIENCY*	3
TOTAL	**15**

SPRING—2nd Semester	Credits
200-LEVEL ENGLISH**	3
COM 113	3
ENG 102	3
FINE ARTS*	3
FOUNDATIONS: SOCIAL SCIENCE**	3
TOTAL	**15**

FALL—3rd Semester	Credits
200-LEVEL ENGLISH	3
HUMANITIES*	3
FOUNDATIONS: HUMANITIES/FINE ARTS*	3
SCIENTIFIC REASONING*	3
STRUCTURE OF SOCIETIES*	3
TOTAL	**15**

SPRING—4th Semester	Credits
200-LEVEL ENGLISH**	3
JOUR 102	3
GENERAL ELECTIVE**	9
TOTAL	**15**

Minimum Credits: 60

***Refer to page 83**
****Select with an advisor**

English

Bachelor of Arts—English

Student Learning Outcomes

Students graduating from the BA will have the knowledge and skills necessary to:

- Analyze literary texts using a variety of techniques and critical frameworks as well as synthesize complex literary arguments and interpretations.
- Write and communicate effectively in diverse contexts and in a variety of academic, creative, and professional genres.
- Explicate and utilize numerous theories and methodologies of reading and interpreting literary texts.
- Think critically and analytically to address complex problems, understand diverse viewpoints, and understand various cultural and social perspectives.

Mission Statement

The mission of the Bachelor of Arts (BA) in English is to fulfill and extend the mission and philosophy of Great Basin College. The BA program provides students with skills and knowledge in literary analysis, composition, creative writing, and cultural study. The program is designed to provide students with written and oral communication, critical thinking and problem solving skills, as well as skills necessary to understand and communicate in and with various cultures.

Accreditation

This degree is accredited by the Northwest Commission on Colleges and Universities.

Professional Skills and Career Paths

Upon completion of the BA, students will be able to pursue careers in a variety of fields in both the public, private, and non-profit sectors including public relations, business, marketing, law, sales, management, education, and other fields in which communication, critical thinking, and cultural awareness are valued. Students with a BA in English may also pursue graduate education in literature, English, creative writing, composition and rhetoric, law, library science, and medicine among others.

Admission to the Program

Students must complete the application form for the BA in English to be formally admitted to the program. Applications are accepted on a rolling basis; applications received prior to February 15 will be assigned the current catalog year, while applications received after February 15 will be assigned to the following catalog year. The form is available online on the GBC website and in hard copy in the arts and letters department on the Elko campus.

Transfer students must provide official transcripts from all other accredited institutions attended to complete the application process, and applications must be complete prior to processing. To ensure adequate time for processing transcripts, we request that transfer students apply to the institution and the program eight weeks prior to the start date of the semester they plan to begin coursework.

Successful applicants to the program will have:

- Completed an A.A. or A.S. degree (consisting of at least 60 credits) from an accredited institution of higher learning. Students may apply to the BA program in the semester prior to receiving their degree.
- Completed ENG 102 or its equivalent.
- Completed at least 9 credit hours of courses (or their transfer equivalents) from the following list:

			Credits
ENG	203	Introduction to Literary Studies	3
ENG	205	Introduction to Creative Writing:	
ENG	221	Writing Fiction	3
ENG	223	Themes of Literature	3
ENG	240	Digital Literacy and Composition	3
ENG	250	Fiction and Poetry	3
ENG	259	Speculative Fiction and Fantasy Literature	3
ENG	261	Introduction to Poetry	3
ENG	267	Introduction to Women in Literature	3

Advisement

Every BA in English student has a faculty member teaching in the program assigned as an advisor, and we require that students meet with their advisor each semester to ensure progress toward the degree. Students, once admitted to the program, will be contacted with information regarding advising. In addition, students pursuing an A.A. or A.S. degree with interest in enrolling in the program are encouraged to make their interests known to the program coordinator, who will help advise them toward successful application. To obtain the name of your advisor, speak to the program coordinator, or set up an appointment, please contact the arts and letters department administrative assistant at 775.327.2234.

Maintaining Good Standing

In order to maintain good standing in the program, students must:

- Maintain a 2.5 GPA
- Maintain a cumulative C average in all upper-division English courses

Students not meeting the above criteria may be dismissed from the program.

Academic Honesty
Students must comply with student conduct and academic honesty policies in the GBC catalog and NSHE Code as well as the stated academic honesty policies of instructors; incidents of student misconduct and/or academic dishonesty will be reported to the vice president for student and academic affairs and the program supervisor. Disciplinary actions may include a written warning, reprimand, college probation, suspension, or expulsion from the program.

Disciplinary actions will be determined by the nature and severity of the misconduct and may be imposed in any order. In the event the student's status changes to probationary, a plan of misconduct will be created for reinstatement to the program. Failure to follow this plan will result in expulsion from the program.

BA in English Requirements

General Education Requirements			Credits
INT	359	Integrative Math Seminar or	
INT	369	Integrative Science Seminar	3

Program Requirements

COM	113	Fundamentals of Speech Communication	3
ENG	325	Advanced Literary Study	3
ENG	327	Composition III	3
ENG	449A	British Literature I	3
ENG	449B	British Literature II	3
ENG	451A	American Literature I	3
ENG	451B	American Literature II	3
ENG	497A	Topics in Multicultural Literature	3
ENG	498B	English Capstone	3
JOUR	102	News Reporting and Writing	3

Program Electives
(24-27 credits selected from the following list)
At least 15 credits must be at the 300- or 400-level to meet degree requirements.

ENG	203	Introduction to Literary Study	3
ENG	205	Introduction to Creative Writing: Fiction and Poetry	3
ENG	221	Writing Fiction	3
ENG	223	Themes of Literature	3
ENG	240	Digital Literacy and Composition	3
ENG	250	Introduction to Children's Literature	3
ENG	259	Speculative Fiction and Fantasy Literature	3
ENG	261	Introduction to Poetry	3
ENG	267	Introduction to Women in Literature	3
ENG	310	The Rhetoric of Everyday Texts	3
ENG	329	Language Study	3
ENG	333	Professional Communication	3
ENG	402A	Advanced Creative Writing	3
ENG	411B	Principles of Modern Grammar	3
ENG	416C	Special Problems in English	3
ENG	433A	Shakespeare: Tragedies and Histories	3
ENG	475B	Literary Nonfiction	3
WMST	101	Introduction to Women's Studies	3

At least 15 credits must be at the 300-400 level to meet degree requirements.

Minimum Total Credits: 60

Total credits required for Bachelor of Arts in English.....120

Note: All students graduating from Nevada institutions of higher education must satisfy the U.S. and Nevada Constitutions requirement. Contact your academic advisor for details.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA—English

FALL—1st Semester		Credits
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3
ENG	100 or 101	3
MATHEMATICAL REASONING*		3
SCIENTIFIC DATA INTERPRETATION*		3
TECHNOLOGICAL PROFICIENCY*		3
TOTAL		**15**

SPRING—2nd Semester		Credits
200-LEVEL ENGLISH**		3
COM	113	3
ENG	102	3
FINE ARTS*		3
FOUNDATIONS: SOCIAL SCIENCE**		3
TOTAL		**15**

FALL—3rd Semester		Credits
200-LEVEL ENGLISH**		3
HUMANITIES*		3
FOUNDATIONS: HUMANITIES/FINE ARTS*		3
SCIENTIFIC REASONING*		3
STRUCTURE OF SOCIETIES*		3
TOTAL		**15**

SPRING—4th Semester		Credits
200-LEVEL ENGLISH**		3
JOUR	102	3
GENERAL ELECTIVE**		9
TOTAL		**15**

FALL—5th Semester		Credits
ENG	325	3
ENG	327	3
ENG	449B	3
ENGLISH ELECTIVE (300/400)**		6
TOTAL		**15**

SPRING—6th Semester		Credits
ENG	449A	3
ENG	451B	3
JOUR	102	3
ENGLISH ELECTIVE (300/400)**		6
TOTAL		**15**

FALL—7th Semester		Credits
ENG	451A	3
ENG	497A	3
ENGLISH ELECTIVE**		6
ENGLISH ELECTIVE (300/400)**		3
TOTAL		**15**

SPRING—8th Semester		Credits
ENG	498B	3
ENGLISH ELECTIVE**		9
INT	369	3
TOTAL		**15**

Minimum Credits: 120

***Refer to page 84**
****Select with an advisor**

Health Sciences

Associate of Applied Science—Emergency Medical Services, Paramedic Emphasis

Mission
To provide an accessible, student-centered, post-secondary paramedic education that prepares graduates for paramedic practice and ensures that patients within our communities receive a higher level of EMS care by paramedics trained with the highest standards.

Goal
Paramedic: "To prepare competent entry-level paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with or without exit points at the advanced emergency medical technician and/or emergency medical technician, and/or emergency medical responder levels."
Advanced Emergency Medical Technician: "To prepare competent entry-level advanced emergency medical technician in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains."

Student Learning Outcomes

Upon completion of the AAS Paramedic program, the graduate will have accomplished the following six program student learning outcomes:

- Demonstrate integration of cognitive knowledge, skills proficiency, and critical thinking skills as an entry level nationally registered paramedic.
- Apply therapeutic and professional communication skills when working with patients', patients significant others, colleagues, other health care providers, and members of the community.
- Incorporate the professional attributes of integrity, empathy, self-motivation, self-confidence, communication, teamwork and diplomacy, respect, patient advocacy, and safe delivery of care into practice.
- Recognize the importance of research and scientific inquiry to promote continuous, quality improvement in prehospital health care delivery.
- Recognize and acknowledge that the emerging roles and responsibilities of the paramedic include public education, health promotion, and participation in injury and illness prevention programs.
- Assume the role of leadership as an advanced life support provider and role model for other EMS providers.

Student achievement of the program learning outcomes is demonstrated through competencies that are comprised of the cognitive, affective, and psychomotor domains of learning. Students must be successful in each domain to complete the course. Competency statements at both the program and course level are used to evaluate students' achievement of course and program student learning outcomes.

Accreditation
This degree is approved by the State of Nevada. GBC is accredited by the Northwest Commission on Colleges and Universities.

The Great Basin College paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs
25400 US Highway 19 N.
Suite 158
Clearwater, FL 33763
727-210-2350
www.caahep.org

To contact CoAEMSP:
8301 Lakeview Parkway
Suite 111-312
Rowlett, TX 75088
214-703-8445
FAX 214-703-8992
www.coaernsp.org

Great Basin College offers a two-year program leading to an Associate of Applied Science in Emergency Medical Services—Paramedic. GBC is accredited by the Northwest Commission on Colleges and Universities (NWCCU).

The paramedic student receives anatomy and physiology, pharmacology and medication administration instruction, as well as training in advanced medical skills. Extensive related course work and clinical and field experience is required. Paramedic education prepares the graduate to take the National Registry of Emergency Medical Technician (NREMT) examination and become certified as a nationally registered paramedic (NRP).

Enrollment in the program is limited, and students are only admitted in the fall semester. Selection is made using a point system. Points are awarded for general education courses. Additional points will be awarded for veteran applicants and students in the CTE pathway program. General education courses are not required for admittance into the program, but students with completed courses will have a higher point range for admittance. Students must have a passing grade of C or higher, in all courses,

to receive additional points. Specific paramedic courses that are part of the program may not be taken prior to admission.

Students who do not have an ACT or SAT score and who have not started English and mathematics requirements, must complete the English and mathematics placement tests. There is no charge for these tests, and they must be taken prior to enrolling in prerequisite courses. The placement tests are available at the Academic Success Center in Elko and at any GBC center. For more information and testing times, call 775.327.2247.

Year of admission to the Associate of Applied Science in Emergency Medical Services—Paramedic program determines catalog year and course requirements.

Prerequisites to be completed prior to or during the semester in which application is made to the Associate of Applied Science in Emergency Medical Services—Paramedic program include:

- AEMT certification
- Complete a current AHA Healthcare Providers CPR

Questions about the AAS in Emergency Medical Services—Paramedic program or the application process can be directed to the department of Health Science and Human Services at 775.327.2317.

Admission to the Associate of Applied Science in Emergency Medical Services—Paramedic
Special application and admission requirements exist for EMS. Prospective students should:

- Apply for admission by completing the application for admission packet available online. Applications are available in February and must be submitted by May 1 at 5 p.m. for the fall semester.

Return completed forms to:
Health Science and Human Services Department
Great Basin College
1500 College Parkway
Elko, NV 89801

College courses taken at another institution will be evaluated by the admissions and records office for transfer and acceptance. All courses must have been completed at a regionally accredited institution of higher education. All previous coursework must be submitted from the institution where it was completed as an official transcript. Transcript copies are not accepted.

Upon successful completion of the program, graduates will have earned an Associate of Applied Science in Emergency Medical Services—Paramedic and are eligible to take the National Registry of Emergency Medical Technician (NREMT) examination and become certified as a paramedic.

Graduation from this program is only one of the requirements and does not mean automatic licensure as a paramedic.

The NREMT may deny an applicant eligibility to sit for a certification examination, deny certification, suspend or revoke an individual's certification, or take other appropriate action with respect to the applicant's certification or recertification based on that applicant's criminal conviction. This policy applies to, and requires an applicant's disclosure of, all felony convictions and all other criminal convictions (whether felony or misdemeanor) relating to crimes involving physical assault, use of a dangerous weapon, sexual abuse or assault, abuse of children, the elderly or infirm, and crimes against property, including robbery, burglary, and felony theft. The policy does not apply to convictions for misdemeanor (other than the above-listed types of crimes), traffic violations (except DUI or reckless homicide/manslaughter), theft or unlawful possession of a controlled substance.

AAS in Emergency Medical Services—Paramedic Program Requirements
Students must provide evidence of a satisfactory physical examination within the preceding six months, validating the following psychomotor requirements:

1. Assess clients through auscultation, percussion, palpation, and other diagnostic maneuvers.
2. Manipulate equipment necessary to assist the individual, family, and/or group to desired outcomes.
3. Lift and move individuals and/or groups of individuals to provide safe care and emergency treatment.
4. Perform cardiopulmonary resuscitation.
5. Perform independently of others.
6. Possess cognitive abilities of measure, calculate dosages, reason, analyze, and synthesize.

Additional Fees
Paramedic students will follow the fee schedule and refund policy described in this catalog. In addition to tuition and lab fees, there are other costs specific to the Associate of Applied Science in Emergency Medical Services—Paramedic program. These are subject to change. An approximation of the additional expenses include:

Textbooks	$1,200.00
Student Background Check and Drug Screening (required for clinical rotation) - minimum	$100.00
Immunizations	$300.00
Testing fee (NREMT) Computer Test	$110.00
Testing fee: Psychomotor Skills Exam	$75.00
Physical examination	Individual amount
Health Insurance	Individual amount
Travel to clinical facilities	Individual amount

Requirements for Application
- GPA of 2.0 or higher on any previous college

coursework.

- Minimum grade of C in any courses applied to the AAS in Emergency Medical Services—Paramedic.
- Completed applications for both GBC and the paramedic program must be received by admissions and records no later than 5 p.m. on May 1.
- Copy of current Nevada AEMT status
- Copy of AHA Healthcare Provider's CPR certification
- Current immunizations information

AAS in Emergency Medical Services—Paramedic Program Course Requirements
In order to maintain good standing in the AAS in Emergency Medical Services—Paramedic program, a student must:

- Maintain a minimum of C (e.g., 76% or better) in all paramedic courses,
- Comply with requirements set forth in the Associate in Emergency Medical Services—Paramedic handbook,
- Attain a minimum grade of C or higher in any non-EMS course applied to the Associate in Emergency Medical Services—Paramedic.

General Education Requirements
The AAS in Emergency Medical Services—Paramedic program has slightly different general education requirements than the other GBC AAS degrees. Please note the differences:

PHIL 102 is strongly recommended to fulfill the humanities requirement or any fine arts or humanities course as listed in the general education requirements.

General Education Requirements	Credits
English/Communications	6
ENG 100, 101 or 107 and ENG 102 or 108	
Mathematics	3
MATH 116, 116E, 120, 120E, 126, 126E or higher**, includes STAT 152	
Science	3
Social Science—PSC 101 (recommended)	3
Human Relations — HMS 200 or PSY 208 (required)	3
Humanities or Fine Arts*	3
PHIL 102 (recommended)	
Technology (embedded in EMS Core)	

Program Emphasis Requirements			Credits
EMS	205	Principles of Pathophysiology	3
EMS	206	Principles of Pharmacology Medication & Venous Access for the Paramedic	4
EMS	207	Airway Management and Ventilation	2
EMS	209	Patient Assessment for Paramedics	2
EMS	210	Principles of Cardiology for Paramedics	3
EMS	211	Paramedic Care for Medical Emergencies & ACLS	4
EMS	212	Paramedic Trauma Emergencies & PHTLS	3
EMS	214	Pediatrics & Special Considerations for the Paramedic & PALS	3
EMS	215	Assessment Based Management/ Operations for the Paramedic	3
EMS	216	Hospital Clinical Experience for the Paramedic	4
EMS	219	Paramedic Field Internship	8

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Emergency Medical Services—Paramedic

FALL—1st Semester		Credits
EMS	205	3
EMS	206	4
ENG	100, 101 or 107	3
MATH	116, 116E, 120, 120E, 126, 126E or higher	3
TOTAL		**13**

SPRING—2nd Semester		Credits
EMS	207	2
EMS	209	2
EMS	210	3
EMS	211	4
SCIENCE**		3
TOTAL		**14**

SUMMER		Credits
EMS	216	4
TOTAL		**4**

FALL—3rd Semester		Credits
EMS	212	3
EMS	214	3
EMS	215	3
ENG	102 or 108	3
TOTAL		**12**

SPRING—4th Semester		Credits
EMS	219	8
HMS	200 or PSY 208	3
PSC	101	3
HUMANITIES AND FINE ARTS*		3
TOTAL		**17**

Minimum Credits: 60
***Select from page 84**
****Choose with an advisor**

National Registered Paramedic Pathway

The Associate of Applied Science EMS—Paramedic pathway for nationally registered paramedics provides an alternative route for students who are already paramedics to obtain their AAS in EMS—Paramedic degree. Once admitted to the program and after the completion of the paramedic refresher course (EMS 220), those who are currently valid nationally registered paramedics may be awarded 29 credits through credit by examination. This reflects the cognitive examination and psychomotor section of the NREMT Paramedic Examination. A non refundable fee of $25.00 will be charged for this request and is to be paid to the controller's office.

The current paramedic program is 39 credits of program requirements with 21 general education credits. The student who completes the exam by credit will receive 29 credits by examination matched to the following courses in the paramedic program:

			Credits
EMS	205	Principles Pathophysiology	3
EMS	206	Principles of Pharmacology Medication & Venus Access for the Paramedic	4
EMS	207	Airway Management and Ventilation	2
EMS	209	Patient Assessment for Paramedics	2
EMS	210	Principles of Cardiology for Paramedics	3
EMS	211	Paramedic Care for Medical Emergencies & ACLS	4
EMS	212	Paramedic Trauma Emergencies & PHTLS	3
EMS	214	Pediatric & Special Considerations for the Paramedic & PALS	3
EMS	215	Assessment Based Management Operations	3
		Total	**27**

Upon completion of the credit by examination, a waiver will also be granted for the EMS 216 and EMS 219 paramedic course requirements. To meet the 60-credit AAS degree requirement, the student must take an additional 9 credits in lieu of the waived credits. Meet with the program advisor to select these credits.

Required Courses Outside of the Credit by Examination:

General Education Requirements	Credits
English/Communications	6
ENG 100 or 101, or 107 and ENG 102 or 108	
Mathematics	3
MATH 116, 116E, 20, 120E, 126, 126E or higher, includes STAT 152	
Science	3
Social Science (U.S. and NV Constitution)	3
PSC 101 (preferred)	
Human Relations—PSY 208 (required)	3
Humanities or Fine Arts	3
PHIL 102 (recommended)	

Must have a minimum total of 60 credits completed.

Application Process

To be considered eligible for admission into Great Basin College's AAS EMS—Paramedic pathway, applicants must show evidence of current national registry status as a paramedic. State-certified paramedics are not eligible for this degree offering. Prior to submitting an application for this AAS EMS—Paramedic program, it is strongly recommended that all students schedule an advisement meeting with a Paramedic advisor. To arrange an appointment, email anjuli.wheatley@gbcnv.edu.

Health Sciences

Associate of Applied Science—Nursing

Student Learning Outcomes

Upon completion of the program, students are expected to:

- Provide safe, quality, evidence-based, patient-centered nursing care in a variety of healthcare environments to diverse patient populations across the lifespan.
- Use clinical reasoning when engaged in the work of a professional nurse.
- Participate in quality improvement processes to improve patient care.
- Engage in teamwork with members of the interprofessional team, the patient, and the patient's support persons when managing patient care.
- Apply management, legal, ethical, and professional guidelines in practice as a professional nurse.
- Use information management principles, techniques, and systems, and patient care technology to communicate, manage knowledge, mitigate error, and support decision-making.

Great Basin College offers a two-year program leading to an Associate of Applied Science in Nursing. The program is approved by the Nevada State Board of Nursing and accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN). GBC is accredited by the Northwest Commission on Colleges and Universities (NWCCU).

The Associate of Applied Science nursing program at Great Basin College at the Elko, Winnemucca, Ely, and Pahrump. Nevada is accredited by the:

Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400
Atlanta, GA 30326
(404) 975-5000

The most recent accreditation decision made by the ACEN Board of Commissioners for the Associate of Applied Science nursing program is Continuing Accreditation.

View the public information disclosed by the ACEN regarding this program at https://acenursing.us/accreditedprograms/programSearch.htm.

The mission of Great Basin College's AAS—Nursing program is to provide an accessible, student-centered, post-secondary nursing education that prepares graduates for entry level nursing practice in a variety of structured healthcare settings. The curriculum integrates courses in nursing with general education requirements. Laboratory and clinical experience are offered at the college, local hospitals, long-term care centers, and community health facilities.

Enrollment in the program is limited, and students are admitted only in the fall semester. Selection is made using a point system. Additional points will be awarded for veteran applicants and students in the CTE pathway program.

Non-nursing and pre-nursing students may not take any of the courses that begin with the NURS designation prior to admission to the AAS degree in nursing program, with the exception of NURS 130 (Nursing Assistant), NURS 285 (Special Topics in Nursing), and NURS 140 (Medical Terminology). Students who have declared nursing as their major are designated as pre-nursing students. Students who have applied for and been accepted into the Associate of Applied Science in Nursing program are designated nursing students.

Students who do not have an ACT or SAT score and who have not started the English and mathematics requirements, must complete the English/ mathematics placement tests. There is no charge for this test, and it must be taken prior to enrolling in prerequisite courses. The placement tests are available at the Academic Success Center and at GBC centers. For more information and testing times, call 775.327.2247.

Year of admission to the Associate in Nursing program determines catalog year and course requirements.

Prerequisites to be completed prior to or during the semester in which application is made to the Associate in Nursing program include:

Prerequisite Requirements			Credits
*BIOL	100	General Biology for Non Majors, or	3
*BIOL	190	Introduction to Cell and Molecular Biology	4
BIOL	223	Human Anatomy and Physiology I	4
BIOL	224	Human Anatomy and Physiology II	4
BIOL	251	General Microbiology	4
MATH	120 or 120E	Fundamentals of College Mathematics, or	
MATH	126 or 126E	Precalculus I, or	
STAT	152	Introduction to Statistics	3
PSY	101	General Psychology	3
General Education Science Requirement*			3-4

*BIOL 100 or BIOL 190 is a science department requirement to be taken prior to or concurrently with BIOL 223.

Beginning Fall 2019, the GBC AAS Nursing program will not recognize completed anatomy or physiology courses older than five years or repeated more than three times. Student must have completed the certified nursing assistant course within the last five years or hold a current CNA license.

Questions about the AAS in Nursing program or the application process can be directed to the department of

Health Science and Human Services at 775.327.2317.

Admission to Associate of Applied Science in Nursing

Special application and admission requirements exist for nursing. Prospective students should:

- Apply for admission by completing the application for admission packet available online. Applications are available in January and must be submitted by April 1 at 5 p.m. for the fall semester.
- Complete online application form found at https://www.gbcnv.edu/programs/health_sciences/aas_nursing/index.html/ and upload additional required and documents.

College courses taken at another institution will be evaluated by the admissions and records office for transfer and acceptance. All courses must have been completed at a regionally accredited institution of higher education. All previous coursework must be submitted from the institution where it was completed as an official transcript. Transcript copies are not accepted.

Upon successful completion of the program, graduates will have earned an Associate of Applied Science in Nursing. Nursing program graduates are eligible to take the NCLEX. It is the student's responsibility to contact the state of their choice to ascertain eligibility requirements.

Graduation from an accredited program is only one of the requirements and does not mean automatic licensure as a nurse.

The Nevada State Board of Nursing requires all applicants for nursing licenses and nursing assistant licenses to answer screening questions. These questions address criminal convictions, discipline in another state, chemical dependency, and medical and mental health conditions. In addition, all applicants must submit their fingerprints for an FBI and State of Nevada criminal background check. For more information, visit http://nevadanursingboard.org/ or call 1-888-590-6726.

AAS in Nursing Program Requirements

Student must provide evidence of a satisfactory physical examination within the preceding six months, validating the following psychomotor requirements:

1. Assess clients through auscultation, percussion, palpation, and other diagnostic maneuvers.
2. Manipulate equipment necessary to assist the individual, family, and/or group to desired outcomes.
3. Lift and move individuals and/or groups of individuals to provide safe care and emergency treatment.
4. Perform cardiopulmonary resuscitation.
5. Perform independently of others.
6. Possess cognitive abilities of measure, calculate dosages, reason, analyze, and synthesize.

Additional Fees

Nursing students follow the fee schedule and refund policy described on pages 67-69. In addition to tuition there are other costs specific to the Associate in Nursing program. These fees are subject to change. A differential fee is an additional fee for students enrolled in all AAS—Nursing courses. Students in this program will also have a distance education fee that applies to IAV, online, and hybrid classes. An approximation of the additional expenses include:

Textbooks and online access fees	$2,500.00
Differential fee per credit	120.00
Uniforms, shoes, equipment, and supplies	300.00
Student Background Check and Drug Screening (required for clinical rotation) — minimum	95.50
Immunizations	300.00
Testing fee (NCLEX Testing Center)	200.00
Nevada State Board of Nursing licensing fee	105.00
FBI background check and fingerprints	51.25
Physical examination	Individual amount
Health insurance	Individual amount
Nursing school pin and stole	40.00-160.00
Watch with a second hand	Individual amount
Travel to clinical facilities	Individual amount
Graduation uniform	30.00-50.00

Requirements for Application

- GPA of 2.0 or higher on any previous college coursework.
- Minimum grade of C or higher in any courses applied to the AAS Nursing program.
- Completed applications for both GBC and the Nursing Program must be received by admissions and records no later than 5 p.m., April 1.
- Completion of the nurse entrance test. This test is administered prior to April 1. The cost of the entrance test is $115.00

More detailed information about the admission process will be provided in the application packet.

Student selection and admission is completed one time per year. Preference is given to GBC service area students. Applicants not selected for the program will not be carried forward to the next year's program and must re-apply and meet the requirements prevailing at the time.

AAS in Nursing Course Requirements

In order to maintain good standing in the AAS in Nursing program, a student must:

- Maintain a minimum grade of C (e.g., 76% or better) in all nursing courses,
- Comply with requirements set forth in the Associate of Applied Science Nursing program student handbook,
- Attain a minimum grade of C or higher in any non-nursing course applied to the Associate of Applied Science Nursing degree.

General Education Requirements
The nursing program has slightly different general education requirements than the other GBC AAS degrees as stated on page 84. Please note the following differences:

PHIL 102 is strongly recommended to fulfill the humanities requirement, or any fine arts or humanities course as listed in the general education requirements on page 84. Human relations and technology requirements are embedded in the nursing curriculum.

General Education Requirements			Credits
ENG	100	Composition-Enhanced, or	
ENG	101	Composition I	3
ENG	102	Composition II	3
MATH	120, MATH 120E	Fundamentals of College Mathematics, or	
MATH	126, MATH 126E	Precalculus I, or	
STAT	152	Introduction to Statistics or higher	3
PSC	101	Introduction to American Politics, or	
HIST	101	U.S. History to 1877, and	
HIST	102	U.S. History Since 1877	3-6
PSY	101	General Psychology	3
Science			3-4
Humanities or Fine Arts—PHIL 102 (recommended)			3
Human relations is embedded in nursing curriculum.			
Total Credits			**21-25**

Program Requirements			Credits
BIOL	223	Human Anatomy and Physiology I	4
BIOL	224	Human Anatomy and Physiology II	4
BIOL	251	General Microbiology	4
NURS	135	Fundamental Concepts in Nursing	8
NURS	154	Introduction to Pharmacology	1
NURS	155	Clinical Decision Making in Drug Therapy	1
NURS	158	Nursing Care of Adults in Health and Illness	5
NURS	159	Nursing Care of Individuals with Mental Health Problems	3
NURS	252	Nursing Care of the Childbearing Family	3
NURS	253	Nursing Care of Children and Adolescents	3
NURS	257	Nursing of Adults with Acute and Chronic Illness	5
NURS	258	Patients with Complex Health Problems	4
NURS	273	Professional Development and Transition to Practice	2
NURS	280	Evidence Based Practice for Quality Improvement Seminar	2
Total Credits			**49**
Total Credits for the AAS Nursing Program			**70-71**

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Associate of Applied Science Nursing

FALL—1st Semester		Credits
ENG	100 or 101	3
NURS	135	8
NURS	154	1
TOTAL		**12**

SPRING—2nd Semester		Credits
ENG	102	3
NURS	155	1
NURS	158	5
NURS	159	3
TOTAL		**12**

FALL—3rd Semester		Credits
NURS	252	3
NURS	253	3
NURS	257	5
PSC	101	3
TOTAL		**14**

SPRING—4th Semester		Credits
NURS	258	4
NURS	273	2
NURS	280	2
HUMANITIES or FINE ARTS** (PHIL 102 recommended)		3
TOTAL		**11**

Minimum Credits: 49
****Choose with an advisor**

After the AAS in Nursing, the next step could be the Bachelor of Science in Nursing. See page 186.

Health Sciences

Bachelor of Science in Nursing

Student Learning Outcomes

Upon completion of the RN to BSN program, students are expected to:

- Promote safe, quality, evidence-based care to populations and communities in structured and unstructured healthcare environments.
- Analyze quality improvement measures used in both structured and unstructured healthcare environments.
- Act as an evolving scholar, translating current evidence into nursing practice.
- Evaluate collaboration techniques used in various healthcare environments.
- Apply leadership principles and theories to both the practice and the profession of nursing.
- Apply information management principles, techniques, and systems to manage knowledge, mitigate error, and support decision-making.

Accreditation
The RN to BSN program is accredited by the Accreditation Commission for Education in Nursing, Inc. (ACEN). GBC is accredited by the Northwest Commission on Colleges and Universities (NWCCU).

The Registered Nurse to Bachelor of Science degree in nursing at Great Basin College at the Elko campus located in Elko, Nevada is accredited by the:

Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400
Atlanta, GA 30326
(404) 975-5000

The most recent accreditation decision made by the ACEN Board of Commissioners for the RN-BSN Program is Continuing Accreditation.

View the public information disclosed by the ACEN regarding this program at https://www.acenursing.us/accreditedprograms/programSearch.htm.

Mission Statement
The mission of GBC's registered nurse to Bachelor of Science in Nursing program is to prepare registered nurses for research and theory based professional practice roles as leaders and change agents in the transformation of nursing and health care for rural and under served populations.

Program Description
A totally online program, the registered nurse to Bachelor of Science in Nursing program is designed for non-traditional RN students with an associate degree who want to continue their education in nursing and still be engaged in practicing their profession. The program allows the flexibility to work toward a degree full-time or part-time and to adapt completion of course assignment times and locations convenient to the student's personal and professional lives. All practicum experience is community-based and can happen in students local area.

Contact Information
Registered Nurse to Bachelor of Science in Nursing, 775.327.2317.

The RN to BSN program is independent of Great Basin College's Associate of Applied Science in Nursing program, but builds upon the associate degree in nursing education's lower-division general education and nursing core course requirements. The RN to BSN program also integrates additional lower-division and upper-division general education courses consistent with Great Basin College's Bachelor of Science degrees. These courses are also available online. Nursing course theoretical content and practicum application is relevant across all healthcare settings and nursing roles, including those unique to the needs of rural populations and communities.

Program Requirements
Licensed (active status) registered nurses who have graduated from an ACEN accredited associate degree in nursing program awarded by a regionally accredited institution are eligible to apply for admission. **Admission to the RN to BSN Program is a separate process from admission to Great Basin College. In order to be considered for admission to the RN to BSN program, all students must meet the requirements for formal admission to Great Basin College.** College-level courses of equivalent semester hour credit and content may be transferred by direct credit from other accredited institutions. Transcript evaluation might be necessary and may require supporting information such as course syllabi and books. Transcript(s) should be sent to the Director of Enrollment Services for evaluation.

Application Process
An in-person or telephone advisory meeting with a nursing faculty advisor is recommended at the time of application and required prior to enrollment in any RN to BSN course.

All students applying for the RN to BSN program must meet the following **minimum** criteria:

1. Have graduated from a regionally accredited college or university with an associate degree in nursing from a program that is ACEN accredited.

2. Possess an active status, good standing registered nursing license.

Once minimum criteria have been met, interested RNs must submit the following information to GBC's health science and human services department, no later than 5 p.m., July 1, in order to meet the fall application deadline:

1. Official transcripts reflecting a cumulative grade point average equal to or greater than 3.0 as calculated by Great Basin College formulas with final grade of C or higher in any required associate degree program course and/or any course being considered for transfer credit. (Note: students who have a 2.5-3.0 GPA may be admitted provisionally. Provisional admission means that a student must maintain a GPA of 2.7 or better during their first semester in the program in order to continue in the program.)
2. Completed application packet for admission to the RN to BSN program.
3. Completed application for admission to GBC (unless student has previously attended GBC).
4. Letters of reference requirement is waived for graduating GBC ADN students.

Enrollment in the program is limited and students are admitted only in the fall semester. Selection is made using a points system based on overall GPA, resume, essay, and reference letters.

Academic Progression
Upon admission to the RN to BSN program, students can begin coursework.

Enrolled students are subject to all program policies as described in the RN-BSN student handbook.

NOTE: Year of admission to the RN to BSN program determines catalog year and course requirements.

NOTE: The amount of time between entrance and completion of the program shall not exceed six years.

The RN to BSN program consists of a total of 51 credits of upper-division nursing courses and lower- and upper-division general education courses.

General Education Requirements

INT	339	Integrative Humanities Seminar, or	
INT	349	Integrative Social Science Seminar	3
Fine Arts or Humanities General Education**			3
Total Credits			**6**

Program Requirements

CHEM	100	Molecules and Life in the Modern World	3
MATH	120, MATH 120E	Fundamentals of College Mathematics, or	
MATH	126, MATH 126E	Precalculus I, or	
STAT	152	Introduction to Statistics or higher	3
NURS	326	Transition to Professional Nursing	5
NURS	417	Information Systems & Quality Management	4
NURS	420	Evidence-Based Practice & Research in Nursing	3
NURS	429	Population Focused Community Health Theory	4
NURS	436	Population Focused Community Health Practicum	4
NURS	437	Diversity & Healthcare Policy in Rural Environments.	3
NURS	443	Nursing Leadership & Management Theory	4
NURS	449	Nursing Leadership & Management Practicum	4
NURS	456	Senior Synthesis Seminar (Capstone)	5
Total Credits			**42**

Program Elective (select one):

NURS	312	Health Assessment & Health Promotion (Spring)	
NURS	337	Pathophysiology (Fall), or	
NURS	490	Special Topics	3
Total Credits			**3**

Total Credits for RN to BSN program 51

Minimum credits required for degree 120

**(Note: All RN to BSN students must satisfy the U.S. and Nevada Constitution requirement, ENG 102, 3 credit humanities and 3 credit fine arts. If they were not completed in their AAS degree program, they must be completed before graduation from the RN to BSN Program.)

3 units are satisfied by taking PSC 101 or HIST 101/102 plus 3 additional of social science PSY 101.

Maintaining Good Standing
Students who have been admitted to the RN to BSN program must maintain their status as students in good standing based on specific criteria in the RN to Bachelor of Science in Nursing student handbook.

In order to maintain good standing in the BSN degree, a student must

- Maintain a minimum grade of C (e.g., 76% or higher) in all nursing courses.
- Maintain a minimum grade of C or higher in all non-nursing classes applied to the BSN.

Failure to do so could result in probation then dismissal from the program. It is the student's responsibility to immediately notify the RN to BSN program Director in writing of any changes in licensure, insurance,

certification, and/or health status.

Fees

RN to BSN students follow the fee schedule and refund policy described on pages 67-69. In addition to tuition and lab fees, there are other costs specific to the RN to BSN program. These are subject to change. An approximation of the additional expenses include:

Textbooks $840.00
Nursing School Pin..... $40.00-$160.00

SUGGESTED COURSE SEQUENCE TRADITIONAL TRACK RN to Bachelor of Science in Nursing

FALL—1st Semester		Credits
NURS	326	5
NURS	443	4
NURS	449	4
TOTAL		**13**

SPRING—2nd Semester		Credits
CHEM	100	3
NURS	429	4
NURS	436	4
TOTAL		**11**

FALL—3rd Semester		Credits
HUMANITIES OR FINE ARTS*		3
INT	339 or 349	3
NURS	417	4
NURS	420	3
TOTAL		**13**

SPRING—4 Semester		Credits
STAT	152	3
NURS	437	3
NURS	456	5
TOTAL		**11**

ELECTIVE (choose one)*		Credits
NURS	312 (spring)	3
NURS	337 (fall)	3
TOTAL		**3**

Minimum Credits: 51
***Choose with an advisor**

RN-BSN Program: All students who graduate from GBC AAS Nursing Program and pass the NCLEX are automatically enrolled into the RN-BSN program upon submission of application.

SUGGESTED PLAN OF STUDY FAST TRACK RN to Bachelor of Science in Nursing

FALL—1st Semester		Credits
NURS	326	5
NURS	420	3
NURS	443	4
NURS	449	4
TOTAL		**16**

SPRING—2nd Semester		Credits
CHEM	100	3
NURS	429	4
NURS	436	4
NURS	437	3
TOTAL		**14**

SUMMER—3rd Semester		Credits
HUMANITIES OR FINE ARTS*		3
INT	339 or 349	3
NURS	417	4
NURS	456	5
STAT	152	3
TOTAL		**17**

ELECTIVE (choose one)*		Credits
NURS	312 (spring)	3
NURS	337 (fall)	3
		3

Minimum Credits: 51
***Choose with advisor**

RN-BSN Program: All students who graduate from GBC AAS Nursing Program and pass the NCLEX are automatically enrolled into the RN-BSN program upon submission of application.

Associate of Science in Radiologic Sciences

Student Learning Outcomes

The Radiologic Sciences program graduate will be able to:

- demonstrate clinical competency.
- position patients for diagnostic quality images.
- integrate ALARA practices for self, patients, and others.
- evaluate the final radiology image for essential criteria.
- communicate effectively.
- manipulate techniques to accommodate patient's condition.
- demonstrate critical thinking skills.
- describe professional avenues available to them.
- discuss ASRT, JRCERT, licensure, and different modalities.
- exhibit professionalism in the clinical setting.
- demonstrate professional interaction with patients.

The above student learner outcomes are measured throughout the program.

The mission of the Great Basin College Associate of Science in Radiologic Sciences program is to continually provide a high quality, accessible, and affordable undergraduate radiography program that will graduate competent entry level radiographers for the local and national healthcare community. Furthermore, graduates will acquire problem solving, communication, and critical thinking skills through a program that focuses on patient care, professionalism, and ethical conduct, enhancing the healthcare experience of the patients and communities they serve.

Great Basin College, offers a two-year, five-semester program, to include the summer semester. Associate of Science in Radiologic Sciences program is accredited by the JRCERT (Joint Review Committee on Education in Radiology Technology) and recognized by the American Registry of Radiology Technology (ARRT).

JRCERT
20 N. Wacker Drive, Suite 2850
Chicago, IL 60606-2850

Phone: 312.704.5300
Fax: 312.704.5304
Email: mail@jrcert.org
Website: www.jrcert.org

The curriculum integrates courses in radiology sciences with general education requirements. Clinical experiences are offered at affiliated hospitals throughout Nevada.

Enrollment in the program is limited. Selection is made using a point system. Points are given for completed courses, grades, and current work experience in the health-care field. Year of admission to the Associate of Science in Radiologic Sciences program determines the catalog year and course requirements.

Students who have not completed the English and mathematics requirements must complete the English/mathematics placement test. There is no charge for the placement test, and it must be taken prior to enrolling in prerequisite courses. Placement tests are available at the Academic Success Center. For more information, call 775-327-2247. Students must place into English 101 at the start of the program if not already completed.

Students must obtain a C (76%) or higher grade in each class used toward the AS, including general education classes. Students are financially responsible for housing and travel expenses for clinical rotations located throughout Nevada. All students must rotate at a minimum of two separate sites. At least one of these will likely be outside of the student's city of residence. Clinical placement will be equitable for all students. GBC uses clinical sites that are more than 60 miles from GBC Elko and GBC Pahrump campuses.

A certified nursing assistant (CNA) class is a prerequisite for the program. It is not required to take the CNA course for credit or sit for the licensing board exam. The student must submit documentation of completion of the course during the application process.

Admission Process
Admission to the AS in Radiologic Sciences program is a separate process from admission to Great Basin College and enrollment to the program is limited. Special application and admission requirements exist for radiologic sciences. Please see the application guide on the GBC website at: https://www.gbcnv.edu/programs/health_sciences/as_rad/index.html.

The application and selection criteria worksheet are available on the website. Students who have applied for and been accepted into the radiology program are designated radiology technology students. Only radiology technology students can enroll in courses with the RAD designation (with the exception of RAD 101) unless previously approved by radiology technology instructor.

Application Process
Apply for admission by completing the application for admission and providing supporting documentation, as listed in the application guide, available on the GBC Radiology website. Applications are online and must be submitted, fully completed by April 1 for the fall semester. If the application is late, it may not be accepted. Applications will be accessed at https://www.gbcnv.edu/programs/health_sciences/as_rad/index.html.

College courses will be evaluated by the admissions and records office for transfer and acceptance. The application and transcripts will be reviewed by the radiologic sciences program director and the admissions and progressions committee.

Radiologic Sciences graduates are eligible to apply to take the registry with American Registry of Radiologic Technologists (ARRT). It is the student's responsibility to schedule and cover costs associated with the ARRT exam. Students must declare any previous felony or misdemeanor convictions and academic sanctions to the ARRT. Students who have previous convictions and wish to apply to the program are encouraged to contact the ARRT at 651.687.0048 to establish testing eligibility status.

Some states require additional licensures and testing beyond ARRT credentialing. Specific state licensing requirements can be found at: https://www.arrt.org/about-the-profession/state-licensing.

Additional Fees
Radiology students follow GBCs fee schedule and refund policy. In addition to tuition there are other costs specific to the Radiology program. These fees are subject to change. A differential fee is an additional fee for students enrolled in all AS Radiology courses. Students in this program will also have a distance education fee that applies to IAV, online, and hybrid classes. An approximation of the additional expenses include:

Textbooks $1,500.00
Uniforms, shoes, equipment $300.00
Complio Tracking (required for clinical rotations) .....
..... $110.00-120.00
Differential Fees per credit $70.00
Physical Examination ..... Individual amount
Immunizations ..... Individual amount
Travel and living expenses at
clinical sites:..... Individual amount
ARRT Board Application..... $200.00

Scholarships and financial aid opportunities are available to all eligible GBC students. Please contact the student financial services office for more details.

Prerequisite Requirements			Credits
BIOL	223	Human Anatomy and Physiology I	4
MATH	126	Precalculus I	3
RAD	101	Exploration of Radiology (online)	0.5
NURS	130	Nursing Assistant Class	6
BIOL	224	Human Anatomy and Physiology II	4

Must be able to place into ENG 101 if accepted into the program.

Note: Some of the above courses meet both prerequisite and general education requirements.

For additional information or advisement, please contact the Health Science and Human Services department at 775-327-2317

Program Requirements
All Radiology courses are internet enhanced or online.

General Education

Communications and Expressions	Credits
Written Communications	3
ENG 100, ENG 101	
Oral Communication	3
COM 113, THTR 102, THTR 221	
Evidence Based Communications	3
ENG 102	
Fine Arts	3
ART 100, ART 101, ART 107, ENG 205, MUS 101 THTR 100, THTR 105, THTR 204	
Logical and Scientific Reasoning	
Mathematical Reasoning	3
MATH 126, 126E or higher, or STAT 152	
Scientific Reasoning	4
BIOL 223	
Scientific Data Interpretation	4
BIOL 190	
Human Societies and Experience	
Structure of Societies - HMS 200 (required)	3
American Constitutions and Institutions	3
HIST 101/102 (must take both) or PSC 101	
Humanities - PHIL 102 (recommended)	4
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211	
Technological Proficiency	
Technology requirement is met with radiology technology program requirements.	
Foundations	
Mathematics	min 2-4
Any MATH 127 or higher, or STAT 152 (Minimum 5 total credits mathematics)	
Sciences	4
BIOL 224	

Program Requirements			Credits
All Radiology courses are Internet Enhanced or Online			
RAD	112	Patient Care/Medical Terminology	2
RAD	101	Exploration of Radiology	0.5
RAD	116	Radiography I	3
RAD	118	Radiology Physics and Circuity	3
RAD	124	Radiographic Photography and Techniques	3
RAD	126	Radiology Procedures II	3
RAD	128	Imaging Equipment	3
RAD	225	Clinical Radiology I	5
RAD	226	Clinical Radiology II	10
RAD	227	Clinical Radiology III	10
RAD	238	Radiation Safety and Protection	2
RAD	243	Medical Imaging Pathology (online)	3
RAD	240	Culmination of Radiography Topics	1

Total Program Credits: 48.5
Total AS Degree Credits: 86.5

SUGGESTED COURSE SEQUENCE
(Refer to page 92)
AS—Radiology Technology

FALL—1st Semester		Credits
ENG	100 or 101	3
RAD	112	2
RAD	116	3
RAD	118	3
RAD	238	2
TOTAL		**13**

SPRING—2nd Semester		Credits
ENG	102	3
HMS	200	3
RAD	124	3
RAD	126	3
RAD	128	3
PSC	101	3
TOTAL		**18**

SUMMER—3rd Semester		Credits
RAD	225	4
TOTAL		**4**

FALL—4th Semester		Credits
RAD	226	10
RAD	243	3
Fine ARTS		3
TOTAL		**16**

SPRING—5th Semester		Credits
PHIL	102 OR HUMANITIES	3
RAD	227	10
RAD	240	1
TOTAL		**14**

Minimum Credits: 66

Health Sciences

Diagnostic Medical Sonography (DMS)

Student Learning Outcomes

The diagnostic medical sonography graduate will be able to:

- provide basic patient care and comfort to all patients.
- employ professional judgement and communication.
- demonstrate competence in the use of acoustic physics principles, Doppler ultrasound principles, and ultrasound instrumentation through proper equipment operation and transducer selection.
- evaluate the interaction between ultrasound and tissue and the probability of biological effects in clinical examinations.
- produce and assess ultrasonographic images of normal and abnormal anatomy and physiology.
- identify, document, and develop differential diagnosis of abnormal sonographic and Doppler patterns.

Student learning outcomes will be evaluated on an annual basis and reviewed with the DMS program advisory board.

Mission Statement
The mission of Great Basin College's diagnostic medical sonography program is to provide quality education that prepares the diagnostic medical sonography student for practice in a variety of health care settings, improving health care in the community in which they practice.

Program Goals
To prepare competent entry-level general sonographers in the cognitive (knowledge) , psychomotor (skills), and affective (behavior) learning domains for the abdominal-extended and obstetrics and gynecology sonography concentrations.

Accreditation
The Great Basin College Diagnostic Medical Sonography Program is accredited by the Commission on Accreditation of Allied Health Education Programs(www.caahep.org) upon the recommendation of Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS).

Commission on Accreditation of Allied Health Education Programs:
9355 113th St N, #7709
Seminole, FL 33775 727-210-2350
www.caahep.org

Contact Information
Health Science and Human Services Department
775.327.2317
Once accepted into the DMS program, students must adhere to the rules outlined in the DMS program handbook and maintain a C (76%) or higher in all courses. Students will complete one semester of didatic and laboratory coursework, followed by four semesters of clinical and didactic coursework. A minimum of two different clinical sites are required, often necessitating the student to relocate to other communities for the duration of the clinical course. Clinical courses are 4 weeks for the first rotation, 16 weeks for the second, 9 weeks for the third, and 16 weeks for the fourth. Students will remain continuously enrolled in this 15 month program and complete coursework over the winter break and summer months.

Along with general GBC tracks in Elko and Pahrump, in collaboration with Renown Health in Reno, NV, the GBC DMS program offers a Renown track option to a limited number of students. If admitted to the Renown track, students will complete didactic courseword via interactive video (IAV) with their peers. In addition, they will participate in lab opportunities, developed by GBC faculty, at a Renown facility and complete all clinical rotations through a number of Renown locations.

Students will be required to complete a physical examination, drug screening, and a background check prior to beginning clinical rotations. Certain immunizations, including the COVID-19 vaccine, may be required for acceptance into individual clinical sites.

Program Admission Requirements
It is essential students interested in this program schedule advisement with DMS program faculty to evaluate acceptability of their previously awarded degree. Transcript evaluation of a program or course may be necessary and may require supporting information such as course descriptions, texts, and syllabi. Transcripts should be sent to the Admissions and Records Office at GBC for evaluation.

Limited Admission Program
The GBC DMS program is a limited admission program. All qualified applicants will be considered on a point merit basis, including: type and college of associates acquisition, GPA, course performance and completion, reference letters, certifications/licensure, residency, and veteran status as outlined in the DMS application packet. With the exception of CMI 376, only students accepted into the DMS program will be allowed to take CMI courses.

Application
To be eligible for either DMS program at GBC, a student must:

1. Apply to Great Basin College.

2 Complete a DMS program application.
3. Have a cumulative GPA of 2.0 or higher.
4. Have a minimum of C (76%) or higher on any coursework applied to the DMS degree
5. Submit a professional resume or curriculum vitae.
6 Complete all required application paperwork..
7. Be 18 years or older by the starting date.

Applications must be submitted to the GBC Sonography website at https://www.gbcnv.edu/programs/health_sciences/aas_nursing/index.html. on or before April 1 to be considered for acceptance to the program beginning in August of the same year. Students completing their prerequisites during the semester of application are eligible to apply.

In addition, students have the option to include the following in their application to receive additional points toward admittance:

1. Up to 2 letters of recommendation.
2 Current healthcare certifications or licensures, if applicable.
3. Documentation of veteran status, if applicable.

Students who have previous convictions should contact the ARDMS to ensure they meet the ethical standards for registry prior to applying to the program.

> **NOTE:** Some states require additional licensure beyond the ARDMS to practice in their state. Specific state requirements may be found at: https://www.sdms.org/advocacy/state-licensure.

Maintaining Good Standing in the DMS Program

1. Students must complete all assignments and obtain a C or higher grade (76% or higher) in all required courses throughout the DMS program.
2. Comply with the policies in the diagnostic medical sonography handbook.
3. It is the student's responsibility to notify the program Director of any changes in licensure, certification, or health status.

Such information may affect the student's good standing status.

Travel and Fees
The first semester of the DMS program requires students to attend didactic courses and lab at the Elko or Pahrump campuses, or at the Renown Lab if they are accepted as a Renown Track student. In addition, second semester, lab courses must be attended at the assigned lab site weekly or bimonthly. The 2nd, 3rd, 4th and 5th semesters consist of clinical rotations that are completed at numerous sites throughout Nevada. If a student is selected as a Renown track student, they will attend clinical at their assigned Renown sites. Otherwise, site placement is determined by faculty. Students are responsible for travel and housing expenses while attending all clinical rotations.

The DMS program follows the fee schedule and refund policy of the GBC system. Please see the college policy in this catalog for details.

Scholarships and financial aid opportunities are available to all eligible GBC students. Please see the student financial services office for details.

Additional Expenses- (approximation)
Textbooks $1200.00
Uniforms, Shoes $300.00
Complio/Background Check/Drug Screening ..... $100-$150
Lab Fees $65.00
ARDMS Exams (each) ..... $200 -$250
Physical Exam ..... individual amount
Immunizations ..... individual amount
Health Insurance ..... individual amount
Travel/living expenses ..... individual amount

The DMS program follows the fee schedule and refund policy of the GBC system. Please see the college policy in this catalog for details.

Health Sciences

Diagnostic Medical Sonography (DMS) Post-Associate Certificate

Program Description
The DMS post-associate certification program at GBC enables students previously awarded a patient care allied health associate or baccalaureate degree from a regionally accredited college to advance their studies in sonography. Graduates of this program will be eligible to apply for licensure by the American Registry for Diagnostic Medical Sonography (ARDMS) in general sonography.

Transitioning to the Bachelor of Science in Diagnostic Medical Imaging Degree
Students in the Post Associate DMS Certificate program are able to seamlessly transfer into the Bachelor of Science program as they successfully complete the appropriate general education requirements.

Program Admission Requirements
To qualify for this program, a student must have successfully completed all prerequisite courses and a patient care centered allied health degree or a bachelor degree at a regionally accredited college. This degree must include a minimum of 60 semester credits or 84 quarter credits and span a minimum of 24 months**.**

Prerequisite Requirements
Present transcripts of a regionally accredited two-year allied health degree, or bachelor degree, including the following prerequisites:

Program Requirements
Some of the following courses may be completed prior to entering the DMS program. If not, each of these courses must be completed within the sequence of the DMS program.

- MATH 120, 120E or higher
- General college level physics and/or Radiographic physics (RAD 118 or PHYS 100)
- Communications skills (ENG 102 or COM 113)
- Human Anatomy and Physiology (BIOL 223 & 224) or EMS 204
- Patient Care (NURS 130 or EMS 118)
- Medical terminology (RAD 112, EMS 204 or NUR 140)

Attend an interview

Students successfully completing this DMS program receive a Post-Associate Certificate in Diagnostic Medical Sonography and are eligible to apply for ARDMS examinations under Prerequisite 1.

Program Requirements
Students are encouraged to complete courses marked with an * prior to program acceptance. Students must obtain Program Director approval to receive permission to register in these courses.

HMS	200	Ethics in Human Services	3
*NURS	337	Pathophysiology, or	
EMS	204	Principles of Anatomy and Pathophysiology	3-4
CMI	350	Ultrasound Physics and Instrumentation	4
CMI	351	Abdominal Ultrasound	3
CMI	352	Obstetric Ultrasound	3
CMI	353	Gynecologic Ultrasound	3
CMI	354	Vascular Ultrasound	1
CMI	366	Abdominal Ultrasound II	2
*CMI	376	Sectional Anatomy in Medical Imaging	3
CMI	378	Small Parts Ultrasound	1
CMI	400	Introduction to Clinical Imaging Experience	2
CMI	486	Diagnostic Medical Imaging Clinical Experience I	9
CMI	487	Diagnostic Medical Imaging Clinical Experience II	7
CMI	488	Diagnostic Medical Imaging Clinical Experience III	10
CMI	491	Sonography rewiew Topics	1

Total Program Specific Requirements: 55-56 credits

SUGGESTED COURSE SEQUENCE

Diagnostic Medical Sonography (DMS)
Post-Associate Certificate

FALL—1st Semester		Credits
CMI	350	4
CMI	351	3
CMI	353	3
CMI	354	1
CMI*	376	3
NURS*	337 or EMS 204	3-4
TOTAL		**17-18**

WINTER—2nd Semester		Credits
CMI	400	2
TOTAL		**2**

SPRING—3rd Semester		Credits
CMI	352	3
CMI	366	2
CMI	378	1
CMI	486	9
HMS*	200	3
TOTAL		**18**

SUMMER—4th Semester		Credits
CMI	487	7
TOTAL		**7**

FALL—5th Semester		Credits
CMI	488	10
CMI	491	1
TOTAL		**11**

Minimum Credits: 55-56

Health Sciences

Bachelor of Science in Comprehensive Medical Imaging with Emphasis in Diagnostic Medical Sonography (DMS)

Program Description
Students seeking the Bachelor of Science in Comprehensive Medical Imaging with an emphasis in Diagnostic Medical Sonography (DMS) program at GBC must complete a prerequisite associate degree or higher from a regionally accredited institution and all DMS program prerequisite courses to apply.

Students successfully completing the BS in CMI with emphasis in DMS are eligible to apply for ARDMS examinations under Prerequisite 3B.

Prerequisite Requirements
1. Hold an associate degree or higher awarded by a regionally accredited college. The prerequisite degree curriculum must include, at a minimum:
   - MATH 126, 126E or higher
   - General college level physics and/or radiographic physics (RAD 118 or PHYS 100)
   - Communications skills (ENG 102 or COM 113)
   - Human Anatomy and Physiology (BIOL 223 & 224)
   - Patient care (NURS 130 or EMS 118)
   - Medical terminology (RAD 112, EMS 204 or NUR 140)
2. Attend an interview.

Licensure
Upon successful completion of the BS in CMI with emphasis in DMS, students will be eligible to apply for the examination for licensure by the American Registry for Diagnostic Medical Sonography (ARDMS) in general sonography.

Program required courses:
*In addition to prerequisites, students are encouraged to complete the courses marked with an asterisk prior to applying to the program.

Program Requirements			**Credits**
General Education:			
ENG	101	Composition I	3
ENG	102	Composition II	3
COM	113	Fundamentals of Speech Communication	3
MATH	126 or 126E	Precalculus I or higher	3-6
BIOL	190	Introduction to Cell and Molecular Biology	4
PHYS	100	Introductory Physics, or	
RAD	118	Radiology Physics and Circuitry	3
HMS	200	Ethics in Human Services	3
PSC	101	Introduction to American Politics	3
Humanities		(lower division)	3
Fine Arts		(lower division)	3
INT	339	Integrative Humanities Seminar, or	
INT	349	Integrative Social Science Seminar	3
BIOL	223	Human Anatomy and Physiology	4
BIOL	224	Human Anatomy and Physiology II	4
NURS	140	Medical Terminology, or	3
RAD	112	Patient Care and Medical Terminology	2
NURS	130	Nursing Assistant	6
		or other Certified Nursing Course	
ELECTIVES			14-15

Total General Education Credits: 65-68 credits
Due to the technical nature of this program, the general educaiton technology requirement is embedded into this program.

*NURS	337	Pathophysiology	3
CMI	350	Ultrasound Physics and Instrumentation	4
CMI	351	Abdominal Ultrasound	3
CMI	352	Gynecologic Ultrasound	3
CMI	353	Obstetric Ultrasound	3
CMI	354	Vascular Ultrasound	1
CMI	366	Abdominal Ultrasound II	2
*CMI	376	Sectional Anatomy in Medical Imaging	3
CMI	378	Small Parts Ultrasound	1
CMI	400	Introduction to Clinical Imaging Experience	2
CMI	486	Diagnostic Medical Imaging Clinical Experience I	9
CMI	487	Diagnostic Medical Imaging Clinical Experience II	7
CMI	488	Diagnostic Medical Imaging Clinical Experience III	10
CMI	491	Sonography Review Topics	1
CMI	492	Comprehensive Medical Imaging Capstone	3

Total Program Specific Requirements: 55 credits
Total BS Program Credits: 120

SUGGESTED COURSE SEQUENCE
(Refer to page 93)
Bachelor of Science
Comprehensive Medical Imaging with Emphasis in
Diagnostic Medical Sonography (DMS)
(Plan for completing all program requirements at GBC)

FALL—1st Semester		Credits
ENG	101	3
MATH	126, 126E or Higher	3
BIOL	190	4
NURS	140	3
FINE ARTS*		3
TOTAL		**16**

SPRING—2nd Semester		Credits
PSC	101	3
ENG	102	3
BIOL	223	4
HMS	200	3
ELECTIVE**		3
TOTAL		**16**

FALL—3rd Semester		Credits
NURS	130	6
BIOL	224	4
ELECTIVE**		3
ELECTIVE**		3
TOTAL		**16**

SPRING—4th Semester		Credits
PHYS	100	3
COM	113	3
ELECTIVE**		3
ELECTIVE**		2
HUMANITIES*		3
TOTAL		**14**

Award Associates of Science Degree

FALL—5th Semester		Credits
CMI	350	4
CMI	351	3
CMI	353	3
CMI	354	1
CMI	376	3
NURS	337	3
TOTAL		**17**

WINTER—6th Semester		Credits
CMI	400	2
TOTAL		**2**

SPRING—7th Semester		Credits
CMI	352	3
CMI	486	9
CMI	366	2
CMI	378	1
ELECTIVE**		2
TOTAL		**17**

SUMMER—8th Semester		Credits
CMI	487	7
INT	339 or 349	3
TOTAL		**10**

FALL—9th Semester		Credits
CMI	488	10
CMI	491	1
CMI	492	3
TOTAL		**14**

Minimum Credits: 122

***Select from page 84**

****Choose with an advisor**

SUGGESTED COURSE SEQUENCE
(Refer to page 93)
Bachelor of Science
Comprehensive Medical Imaging with Emphasis in
Diagnostic Medical Sonography (DMS)
(Plan for students transferring in with regionally accredited associate degree or higher and all prerequisite courses)

Prerequisite Degree		**Credits**
Minimum of 60 Credits		60
FALL—1st Semester		**Credits**
CMI	350	4
CMI	351	3
CMI	353	3
CMI	354	1
CMI	376	3
NURS	337	3
TOTAL		**17**
WINTER—2nd Semester		**Credits**
CMI	400	2
TOTAL		**2**
SPRING—3rd Semester		**Credits**
CMI	352	3
CMI	366	2
CMI	378	1
CMI	486	9
INT	339 or 349	3
TOTAL		**18**
SUMMER—4th Semester		**Credits**
CMI	487	7
ELECTIVE**		2
TOTAL		**9**
SPRING—5th Semester		**Credits**
CMI	488	10
CMI	491	1
CMI	492	3
TOTAL		**14**

Minimum Credits: 120

***Select from page 84**
****Choose with an advisor**

Human Services

Introduction

The AAS in Human Services degree and certificate of achievement programs share a common core so that students may easily complete course requirements for certificate and degree pathways. Human services programs offer a generalist overview of human services work, an opportunity for personal enrichment, and practical opportunities for human relationship skills development. The substance abuse counselor training certificate program contains academic coursework in specific counseling and communication skills necessary for students preparing for work in the education, prevention, and treatment of addictions.

The human services programs are designed to prepare students for employment in social service agencies, mental health centers, correctional institutions, substance abuse treatment facilities, community health education organizations, and other work settings where effective, client interactions are essential.

The AAS in Human Services degree program courses offer opportunities for the practical application of learning through job shadowing and intensive community field experiences within human services organizations.

Coursework may be used as electives or for continuing education by students or professionals in areas such as education, social work, substance abuse treatment, counseling, nursing, radiology, emergency medical care, and business.

Entry-level courses have no prerequisites. Students may begin at any time by registering for classes. Students must successfully complete an application process and the practicum course prerequisite requirements in order to register for the human services practicum courses. Academic advising prior to starting any course of study is highly encouraged. Most coursework may be completed online, through interactive video, and/or by independent study on a case-by-case basis.

Human Services

Certificate of Achievement—Human Services

Professional Skills and Career Paths

Determine client needs, create treatment plan with professionals, assist clients in finding assistance with daily activities, research services for clients, assist clients with applications for assistance, and meet with clients to ensure services are provided appropriately.

Caseworker, family service assistant, addictions counselor assistant, addictions counselor (bachelor's level), or human service worker. Human services professionals work in offices, clinics, hospitals, group homes, and shelters. Human service workers may have some travel around their communities to see clients.

Student Learning Outcomes

The certificate program in human services is designed to prepare students for employment in social service agencies, mental health centers, correctional institutions, community health education organizations, and other work settings where effective, ethical client interaction is essential.

Coursework may be used as electives or for continuing education by students or professionals, in such areas as education, social work, counseling, nursing, radiology, emergency medical care, or business.

The human services programs share a common core so that students may easily complete AAS degree requirements. The certificate program offers a generalist overview of human services work and an opportunity for personal enrichment and hands-on opportunities for human relationship skills development. The human services certificate program offers practical opportunities for job-shadowing in preceptorships within community human services organizations.

Entry-level courses have no prerequisites. However, academic advising prior to beginning any course of study is highly encouraged. Some coursework may be completed online, through interactive video, and/or by independent study on a case-by-case basis.

Upon successful completion of the Certificate of Achievement in Human Services program students will:

- Plan client-centered social services assessments and interventions.
- Provide client services which reflect cultural competence, respect for social diversity, and the application of the principles of the human services code of ethics.
- Demonstrate interpersonal collaboration and problem-solving skills.
- Apply the principals of human services based on knowledge of human development and functioning throughout the lifespan.
- Engage in personal reflection as related to human services skills, professional effectiveness, and stress management.

General Education Requirements	Credits
English/Communications ENG 100 or 101	3
Mathematics—MATH 126, 126E* (recommended)	3
Human Relations— HMS 200 (required)	3
Technology—IS 101 (required)	3

Program Requirements			Credits
CPD	116	Substance Abuse: Fundamental Facts and Insights	3
HMS	101	Introduction to Human Services	3
HMS	102	Introduction to Counseling	3
HMS	205	Human Services Practicum I	5
PSY	101	General Psychology	3
SOC	101	Principles of Sociology	3

*MATH 120 is recommended as it is required for the social work, radiology, and other degree programs.
*MATH 126 is recommended if student plans on pursuing a bachelors degree in Human Services

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Human Services

FALL—1st Semester		Credits
CPD	116	3
ENG	100 or 101	3
HMS	101	3
HMS	102	3
MATH	126, 126E (recommended)	3
TOTAL		**15**

SPRING—2nd Semester		Credits
HMS	200	3
HMS	205	5
IS	101	3
PSY	101	3
SOC	101	3
TOTAL		**17**

Minimum Credits: 32

Human Services

Associate of Applied Science—Human Services

Student Learning Outcomes

Upon successful completion of the AAS in Human Services degree program students will:

- Perform client-centered, social services assessments and interventions.
- Provide client services which reflect cultural competence, respect for social diversity, and the application of the principles of the human services code of ethics.
- Demonstrate leadership and collaborative problem-solving skills.
- Apply the principals of human services based on knowledge of human development and functioning throughout the lifespan.
- Identify current trends, topics, and issues in human services professions.
- Engage in personal reflection as related to human services skills, professional effectiveness, and stress management.

To arrange an advising appointment, contact the Academic Advising and Career Center at 775-327-2068 or call the Pahrump Valley Center at 775.727.2000.

General Education Requirements	Credits
English/Communications	6
ENG 100 or 101, and ENG 102	
Mathematics— MATH 120, 120E (recommended)*	3
Science— BIOL 100 (recommended)	3
Social Science	3-6
PSC 101 or HIST 101 and 102	
Human Relations—HMS 200 (required)	3
Humanities or Fine Arts	3
Technology— IS 101 (required)	3

*MATH 120, 120E is recommended, as it is required for the social work, radiology, and other degree programs. Credit for prior coursework at other institutions may be considered per GBC policy and guidelines.

*MATH 126, 126E is recommended if you plan on pursuing a Bachelor's degree in Human Services.

Program Requirements			Credits
HMS	101	Introduction to Human Services	3
HMS	102	Introduction to Counseling	3
HMS	104	Small Group Interaction Techniques	3
HMS	105	Substance Abuse Counseling Methods	3
HMS	205	Human Services Practicum I	5
HMS	206	Human Services Practicum II	5
HMS	250	Human Services Seminar	3
CPD	116	Substance Abuse: Fundamental Facts and Insights	3
HDFS	201	Lifespan Human Development	3
PSY	101	General Psychology	3
PSY	208	Psychology of Human Relations	3

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Human Services

FALL—1st Semester		Credits
CPD	116	3
ENG	100 or 101	3
MATH	126, 126E (recommended)*	3
HMS	101	3
HMS	102	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ENG	102	3
HMS	200	3
HMS	205	5
PHIL	102	3
PSY	101	3
TOTAL		**17**

FALL—3rd Semester		Credits
BIOL	100	3
HMS	104	3
HMS	206	5
IS	101	3
HMS	105	3
TOTAL		**17**

SPRING—4th Semester		Credits
HDFS	201	3
HMS	250	3
PSC	101	3
PSY	208	3
TOTAL		**12**

***Choose with Advisor**

Minimum Credits: 61

After the AAS in Human Services, the next step could be the Bachelor of Applied Science in Human Services. See page 202.

Human Services

Bachelor of Applied Science—Human Services Emphasis

Student Learning Outcomes

Graduates with a BAS in Human Services: behavioral health, substance abuse, and addiction medicine:

- Demonstrate knowledge of an array of theories applied to human services and substance abuse counseling.
- Demonstrate a range of professional counseling skills sufficient to conduct human service and substance abuse counseling interventions.
- Apply effective professional and clinical communication skills orally and/or in writing and interact effectively with other helping professionals.
- Analyze research and apply professional literature to the practice of human service and substance abuse counseling professions.
- Deliver professional services within the guidelines of the ethical and professional practice of the human services and substance abuse counseling field, including culturally competent care.
- Demonstrate competencies in comprehensive treatment admissions screening, intake processes and procedures, clinical assessment, diagnosis of substance abuse disorders and pathologically addictive behavior, treatment planning and discharge and aftercare planning
- Demonstrate understanding of social change processes through community development, advocacy and public policy.
- Demonstrate professional readiness to secure a position in the helping profession or gain entrance to graduate programs (i.e. marriage and family therapy, clinical social work, psychology, criminal justice).

Program Entrance Requirements

Acceptance into the program requires a completed associates degree from a regionally accredited institution, including 12 credits of lower division human services courses (or their transfer equivalent) from the following list:

CPD	116	Substance Abuse - Fundamental Facts and Insights
HMS	101	Introduction to Human Services
HMS	102	Introduction to Counseling
HMS	105	Substance Abuse Counseling Methods
HMS	200	Ethics in Human Services

Program Completion Requirements

To complete the program, students will need to maintain a 2.5 GPA in all core and program course requirements.

See page 93 for important additional information about the Bachelor of Applied Science program.

General Education Requirements (Beyond those required for AAS)			Credits
COM	113	Fundamentals of Speech Communication, or	
THTR	102	Introduction to Stage Voice, or	
THTR	221	Oral Interpretation	3
PHIL	311	Professional Ethics (formerly ECON 311)	3
ENG	333	Professional Communications	3
STAT	152	Principles of Statistics I, (recommended) . or	
MATH	181	Calculus I (Mathematics prerequisites apply)	3-4
INT	339	Integrative Humanities Seminar	3
INT	349	Integrative Social Science Seminar	3
INT	359	Integrative Mathematics Seminar	3
Total Credits			**21-22**

Applied Science Core Requirements			Credits
INT	369	Integrative Science Seminar or	
PHYS	152	General Physics or	
PHYS	181	Physics for Scientists and Engineers II	3-4
FIN	310	Applied Accounting and Finance	3
MGT	310	Foundations of Management Theory and Practice	3
MGT	323	Organizational Behavior and Interpersonal Behavior, or	
MGT	367	Human Resource Management	3
Total Credits			**12-13**

Program Emphasis Requirements			Credits
HMS	322	Family Integrated Treatment of Addiction Disorders	3
HMS	350	Public Advocacy and Community Development in Human Services	3
HMS	405	Advanced Human Services Practicum I	5
HMS	406	Advanced Human Services Practicum II	5
HMS	407	Applied Behavior Analysis and Interventions in Addictions and Behavioral Health.	3
HMS	427	Identification and Assessment in Mental Health and Addictions	3
HMS	450	Advanced Human Services Seminar (Capstone)	3
HMS	465	Clinical Writing, Case and Resource Management in Human Services	3
HMS	475	Prevention Strategies in Human Services and Addiction	3
Total Credits			**31**

Note: All students graduating from Nevada institutions of higher education must satisfy the U.S. and Nevada Constitutions requirement. Contact your academic advisor for details.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BAS—Human Services Behavioral Health, Substance Abuse and Addiction Medicine Emphasis

FALL—1st Semester		Credits
CPD	116	3
ENG	100 or 101	3
MATH	126, 126E (recommended)	3
HMS	101	3
HMS	102	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ENG	102	3
HMS	200	3
HMS	205	5
PHIL	102	3
PSY	101	3
TOTAL		**17**

FALL—3rd Semester		Credits
BIOL	100	3
HMS	104	3
HMS	206	5
IS	101	3
HMS	105	3
TOTAL		**17**

SPRING—4th Semester		Credits
HDFS	201	3
HMS	250	3
PSC	101	3
PSY	208	3
TOTAL		**12**

FALL—5th Semester		Credits
ENG	333	3
HMS	322	3
INT	339	3
PHIL	311	3
STAT	152 (recommended) or MATH 181	3-4
TOTAL		**15-16**

SPRING—6th Semester		Credits
FIN	310	3
HMS	407	3
HMS	475	3
INT	349	3
MGT	310	3
TOTAL		**15**

FALL—7th Semester		Credits
HMS	350	3
HMS	405	5
HMS	465	3
INT	359	3
MGT	323 OR MGT 367	3
TOTAL		**17**

SPRING—8th Semester		Credits
COM 113, THTR 102, or THTR 221		3
HMS	406	5
HMS	427	3
HMS	450	3
INT	369 , PHYS 152, or PHYS 181	3-4
TOTAL		**17-18**

Minimum Credit: 125

Note: Transfer students may need to take PSC 101 or PSC 100 to meet the US and Nevada Constitution requirement.

Human Services

Substance Abuse and Addiction Medicine Counselor Training Post Baccalaureate Certificate Program

Student Learning Outcomes
Graduates with a BAS in Human Services: behavioral health, substance abuse, and addiction medicine:

- Demonstrate a range of professional counseling skills sufficient to conduct human service and substance abuse counseling interventions.
- Deliver professional services within the guidelines of the ethical and professional practice of the human services and substance abuse counseling field, including culturally competent care.
- Demonstrate competencies in comprehensive treatment admissions screening, intake processes and procedures, clinical assessment, diagnosis of substance abuse disorders and pathologically addictive behavior, treatment planning and discharge and aftercare planning.

Program Outcomes
This program satisfies the education and training requirements in the State of Nevada to be eligible for the following professional licenses:

Certified Alcohol and Drug Counselor Intern
Licensed Alcohol and Drug Counselor
Licensed Clinical Alcohol and Drug Counselor
Clinical Supervisor for Licensed Alcohol and Drug Counselors
Certified Problem Gambling Counselor

This program satisfies the education and training requirements to pass a written and oral examination concerning the clinical practice of counseling alcohol and drug abusers by the Board of Examiners for Alcohol, Drugs, and Gambling.
Program participants will be required to maintain a minimum grade of C (e.g., 76% or better) in all human services courses and a cumulative GPA of 2.5 in all core and program course requirements (including transfer courses).

Summary of Requirements

First Semester			**Credits**
CPD	116	Substance Abuse: Fundamental Facts and Insights	3
HMS	104	Small Group Interaction Techniques	3
HMS	105	Substance Abuse Counseling Methods	3
HMS	322	Family Integrated Treatment of Addiction Disorders	3
First Semester Total			**12**
Second Semester			
HMS	427	Identification and Assessment in Mental Health and Addictions	3
HMS	439	Gambling Disorders and Behavior Addictions	4
HMS	475	Prevention Strategies in Human Services and Addictions	3
HMS	499	Clinical Supervision for Alcohol and Drug Counselors	3
Second Semester Total			**13**
Certificate Program Total			**25**

IMPORTANT NOTE: Please check with the Nevada Board of Examiners for Alcohol, Drug and Gambling Counselors (or counselor licensing/certification boards in other states, if applicable) about the acceptability of academic coursework PRIOR to enrolling in any course, as individual or state licensing and/or certification requirements may vary. Also, check with individual licensing/certification boards before registering for courses to be used for professional continuing education credit.

Human Services

Certificate of Achievement—Substance Abuse Counselor Training

Student Learning Outcomes

The substance abuse counselor training certificate program is designed to prepare students for employment in social services agencies, mental health centers, correctional institutions, rehabilitation facilities, community health education organizations, and other settings which involve substance abuse/addiction education, prevention, and/or intervention and treatment. Coursework may be used as electives or for continuing education by students or professionals in education, corrections, law enforcement and the justice system, addictions counseling and treatment, social work, nursing, radiology, or emergency medical care.

Each of the human services programs share a common core, so that students may easily complete the AAS degree in human services. Entry-level courses have no prerequisites. Students may begin at any time by registering for courses. However, academic advising prior to beginning any course of study is highly encouraged. Most coursework may be completed online, through interactive video, and/or by independent study on a case-by-case basis.

Upon successful completion of the degree program students will:

- Perform client-centered social services assessments and interventions.
- Provide client services that reflect cultural competence, respect for social diversity and the application of the principles of the human services code of ethics, and standards of practice for substance abuse counselors.
- Demonstrate problem-solving skills.
- Apply the principals of human services and addiction treatment based on knowledge of human development and functioning throughout the lifespan.
- Engage in personal reflection as related to skills, professional effectiveness, and stress management.

General Education Requirements	**Credits**
English/Communications	3
ENG 100 or 101	
Mathematics	3
MATH 116, 116E, 120, 120E, 126, 126E or higher* includes STAT 152	
(MATH 126, 126E recommended)	
Human Relations—HMS 200 (required)	3
Technology—IS 101 (required)	3

Program Requirements			**Credits**
CPD	116	Substance Abuse: Fundamental Facts and Insights	3
HMS	101	Introduction to Human Services	3
HMS	102	Introduction to Counseling	3
HMS	104	Small Group Interaction Techniques	3
HMS	105	Substance Abuse Counseling Methods	3
PSY	101	General Psychology	3

*MATH 120 is recommended, as it is required for the social work, radiology, and other degree programs.

*MATH 126 recommended if you plan on pursuing a bachelors degree in Human Services.

IMPORTANT NOTE: Please check with the Nevada Board of Examiners for Alcohol, Drug, and Gambling Counselors or counselor licensing/certificate boards in Nevada, or in other states, if applicable, about the acceptability of academic courses **prior** to beginning any course, as individual or state licensing and/or certification requirements may vary.

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
Certificate of Achievement—Substance Abuse Counselor Training

FALL—1st Semester		**Credits**
CPD	116	3
ENG	100 or 101	3
HMS	101	3
HMS	102	3
MATH	126, 126E (recommended)	3
TOTAL		**15**

SPRING—2nd Semester		**Credits**
HMS	105	3
HMS	104	3
HMS	200	3
IS	101	3
PSY	101	3
TOTAL		**15**

Minimum Credits: 30

Land Surveying/Geomatics

Associate of Science—Land Surveying/ Geomatics (Pattern of Study)

Student Learning Outcomes

Graduates with an AS in Land Surveying/Geomatics will be able to:

- Proficiently apply sound measurement methods, mathematics, science, and surveying tools to collect, analyze, edit, and present spatial information in professional applications.
- Demonstrate competency in the fundamentals and applications of land surveying and the acquisition and management of spatial data.
- Enter the Bachelor of Applied Science in Land Surveying/Geomatics program or technical geospatial employment.

Degree Requirements Credits

General Education

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Oral Communications 3
COM 113, THTR 102, THTR 221

Evidence-Based Communications 3
ENG 102

Fine Arts 3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

Logical and Scientific Reasoning

Mathematical Reasoning—STAT 152 (required) 3

Scientific Reasoning 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103 and NUTR 121

Scientific Data Interpretation 4
PHYS 151, PHYS 180

Human Societies and Experience

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

American Constitutions and Institutions: 3
HIST 101/102 (must take both) or PSC 101

Humanties 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210 MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211

Technological Proficiency—GIS 109 (required) **3**

Foundations

Mathematics—MATH 181 (required) 4

Sciences 4
Any 4 credit lab science course in BIOL, CHEM, GEOL, PHYS (Minimum 12 total credits Science)

Program Requirements			**Credits**
CADD	121	CAD for Land Surveyors	3
SUR	280	Fundamentals of Geomatics I	4
SUR	281	Fundamentals of Geomatics II	4
SUR	290	Introduction to Urban Development	4

Scientific Requirement 3
Any AST, BIOL, CHEM, ENV, GEOG 103, GEOL, PHYS plus, ANTH 102 and NUTR 121

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

See the following page for suggested course sequence.

SUGGESTED COURSE SEQUENCE
(Refer to page 92)
AS—Land Surveying/Geomatics

FALL—1st Semester	Credits
AMERICAN CONSTITUTIONS AND INSTITUTIONS*	3
ENG 100 or 101	3
FINE ARTS*	3
SCIENTIFIC REASONING*	3
STAT 152	3
TOTAL	**15**

SPRING—2nd Semester	Credits
ENG 102	3
HUMANITIES*	3
GIS 109	3
ORAL COMMUNICATIONS*	3
SCIENTIFIC REASONING*	3
TOTAL	**15**

FALL—3rd Semester	Credits
CADD 121	3
MATH 181	4
PHYS 151 or PHYS 180	4
SUR 280	4
TOTAL	**15**

SPRING—4th Semester	Credits
STRUCTURE OF SOCIETIES*	3
FOUNDATIONS: SCIENCE*	4
SUR 281	4
SUR 290	4
TOTAL	**15**

Minimum Credits: 60

***Choose with an advisor**

Please refer to page 208 for land surveying and geomatics bachelor's degree requirements.

Land Surveying/Geomatics

Bachelor of Applied Science—Land Surveying/Geomatics Emphasis

Student Learning Outcomes

Graduates with a BAS with an emphasis in land surveying/geomatics will be able to:

- Proficiently apply sound measurement methods, mathematics, science, and surveying tools to collect, analyze, and edit spatial information in professional applications.
- Develop a sound background in the humanities, social sciences, and the arts to function in multicultural and diverse environments.
- Demonstrate fundamentals in business management and understand business environments and decision-making processes.
- Convey spatial information in graphical, textual, and verbal forms as an individual or as a collaborating member of a professional team.
- Prepare to take and pass the fundamentals of land surveying examination developed by the National Council of Examiners for Engineering and Surveying (NCEES).
- Satisfy the educational requirements for licensure required by NRS.625.270 as a professional Land Surveyor in Nevada and recognize the benefit of life-long learning by participating in continuing education as students or as instructors.

See page 93 for important additional information about the BAS program.

Entrance to the land surveying/geomatics emphasis requires an earned associate's degree and the completion of a college-level trigonometry course.

Prerequisite Requirements
The following courses or transfer equivalents are prerequisites for completion of the upper-division emphasis requirements:

CADD	121	CAD for Land Surveyors
GIS	109	Introduction to Geographic Information Systems
MATH	181	Calculus I
PHYS	151	General Physics I or
PHYS	180	Physics for Scientists and Engineers I
STAT	152	Introduction to Statistics
SUR	280	Fundamentals of Geomatics I
SUR	281	Fundamentals of Geomatics II
SUR	290	Introduction to Urban Development

General Education Requirements

COM	113	Fundamentals of Speech Communication, or
THTR	102	Introduction to Stage Voice, or
THTR	221	Oral Interpretation 3
PHIL	311	Professional Ethics (formerly ECON 311) ... 3
ENG	333	Professional Communications 3
INT	339	Integrative Humanities Seminar, or
INT	349	Integrative Social Science Seminar 3
INT	359	Integrative Mathematics Seminar, or
INT	369	Integrative Science Seminar 3
Total Credits 15		

Applied Science Core Requirements

FIN	310	Applied Accounting and Finance 3
MGT	310	Foundations of Management Theory and Practice 3
MGT	323	Organizational Behavior and Interpersonal Behavior, or
MGT	367	Human Resource Management 3
PHYS	152	General Physics II or
PHYS	181	Physics for Scientists and Engineers II ..... 4 (PHYS required for Land Surveying/Geomatics Degree)
Total Credits 13		

Program Emphasis Requirements

CADD	421	Advanced CAD for Land Surveyors 3
MATH	182	Calculus II 4
SUR	255	Introduction to Mine Surveying and
SUR	456	Advanced Mine Surveying, or
SUR	450	Construction Surveying 3-4
SUR	320	GIS for Surveyors 3
SUR	330	Introduction to Least Squares Adjustment 3
SUR	340	Photogrammetry and Remote Sensing 3
SUR	360	Public Land Survey System 3
SUR	365	Legal Descriptions 3
SUR	440	Geodetic and GPS Surveying 3
SUR	460	Advanced Boundary Analysis 3
SUR	495	Land Surveying/Geomatics Capstone 3
Total Credits 34-35		

Total Credits for Sections Above 62-63

Note: All students graduating from Nevada institutions of higher education must satisfy the U.S. and Nevada Constitutions requirement. Contact your academic advisor for details.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BAS—Land Surveying/Geomatics Emphasis

FALL—1st Semester		Credits
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3
ENG	100 or 101	3
FINE ARTS*		3
SCIENTIFIC REASONING*		3
STAT	152	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ENG	102	3
HUMANITIES*		3
GIS	109	3
ORAL COMMUNICATIONS*		3
SCIENTIFIC REASONING*		3
TOTAL		**15**

FALL—3rd Semester		Credits
CADD	121	3
MATH	181	4
PHYS	151 or PHYS 180	4
SUR	280	4
TOTAL		**15**

SPRING—4th Semester		Credits
STRUCTURE OF SOCIETIES*		3
FOUNDATIONS: SCIENCE*		4
SUR	281	4
SUR	290	4
TOTAL		**15**

FALL—5th Semester		Credits
ENG	333	3
INT	339 or 349	3
SUR	320	3
SUR	340	3
SUR	360	3
TOTAL		**15**

SPRING—6th Semester		Credits
INT	359 or 369	3
PHYS	152 or 181	4
SUR	330	3
SUR	365	3
TOTAL		**13**

FALL—7th Semester		Credits
MATH	182	4
MGT	310	3
PHIL	311	3
SUR	440	3
SUR	460	3
TOTAL		**16**

SPRING—8th Semester		Credits
CADD	421	3
FIN	310	3
MGT	323 or 367	3
SUR	456	4
SUR	495	3
TOTAL		**16**

Minimum Credits: 120

Note: Students admitted to the BAS program with an associate's degree other than an Associate of Arts or Associate of Science will be required to take both INT 339 and INT 349 increasing the BAS-LSG degree total credits to 65-66 for graduation.

SCIENCE

Associate of Science—Biological Sciences (Pattern of Study)

Student Learning Outcomes

This program provides graduates with the courses typically required for pre-professional students during their first two years of a bachelor's degree program. This program contains the complete content required for students to achieve acceptable entrance scores on professional school admission tests such as the Medical College Admission Test (MCAT) and other professional school admission tests.

This two-year Associate of Science pattern of study integrates with the Bachelor of Science in Biological Sciences degree listed on page 212. Please consult with an advisor if you plan to enter this bachelor's degree program in order to facilitate timely completion of the four-year degree.

Students will be able to

- Communicate the nature of scientific knowledge and the scientific method and how they were developed.
- Associate biological structure and function.
- Relate molecular genetics and cell and organism function.
- Show how organisms are genetically related, interact on a population level, have evolved, and are evolving.

Attendance in Lab Science Courses

The following science courses have labs and are required to be completed for the AS in Biological Sciences:

BIOL 190, BIOL 191, BIOL 251, CHEM 121, CHEM 122, CHEM 241/241L, and CHEM 242/242L.

Each of these courses have required in-person labs. Depending on the course, the labs may occur weekly, on weekends, or at a time from Monday through Friday anytime from 8 a.m.–6 p.m.

Due to GBC's personnel, equipment, and facilities, courses listed above which have the CHEM prefix have required labs that are only offered on the Elko and Pahrump campuses.

This means that AS in Biological Sciences students will be required to attend lab courses in Elko or Pahrump at least 1–2 days each week and that this is not an online degree. Please consult an advisor for the AS in Biological Sciences for the availability details of each individual science course.

Degree Requirements	**Credits**
General Education	
Communications and Expressions	
Written Communications ENG 100, ENG 101	3
Oral Communications COM 113, THTR 102, THTR 221	3
Evidence-Based Communications ENG 102	3
Fine Arts ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204	3
Logical and Scientific Reasoning	
Mathematical Reasoning—MATH 181 (required)	4
Scientific Reasoning—BIOL 190 (required)	4
Scientific Data Interpretation—CHEM 121 (required)	4
Human Societies and Experience	
Structure of Societies PSY 101 recommended for pre-medical related students. ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101	3
American Constitutions and Institutions: HIST 101/102 (must take both) or PSC 101 (recommended)	3
Humanities ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210 MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211	3
Technological Proficiency—GIS 109 or CS 135 (required).	**3**
Foundations	
Mathematics—STAT 152 (required) (Minimum 5 total credits mathematics)	3
Sciences—BIOL 191 (required)	4

Program Requirements			
BIOL	251	General Microbiology	4
CHEM	122	General Chemistry II	4
CHEM	241	Organic Chemistry I	3
CHEM	241L	Organic Chemistry for Life Sciences Lab I	1
CHEM	242	Organic Chemistry II	3
CHEM	242L	Organic Chemistry for Life Sciences Lab II	1
Program Electives (choose with advisor)			3

See the following page for suggested course sequence.

Recommended electives: sufficient coursework is required to bring the total number of credits in the Associate of Science to 60 credits. Choose courses from the following list: BIOL 223, 224; CHEM 100; CIT 129; ENV 100; GEOG 103; GEOL 101, 102; MATH 127, 128, 182; PHYS 182.

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

After the AS in Biology, the next step could be the Bachelor of Science in Biological Sciences. See page 212.

Suggested Course Sequence
(Refer to page 92)
AS—Biological Sciences

FALL—1st Semester		Credits
BIOL	190	4
CHEM	121	4
ENG	100 or 101	3
MATH	181	4
TOTAL		**15**

SPRING—2nd Semester		Credits
BIOL	191	4
CHEM	122	4
ENG	102	3
FINE ARTS*		3
STAT	152	3
TOTAL		**17**

FALL—3rd Semester		Credits
CHEM	241	3
CHEM	241L	1
CIS 135 or GIS 109		3
HUMANITIES*		3
ORAL COMMUNICATIONS*		3
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3
TOTAL		**16**

SPRING—4th Semester		Credits
CHEM	242	3
CHEM	242L	1
BIOL	251	4
PROGRAM ELECTIVE**		3
STRUCTURE OF SOCIETIES*		3
TOTAL		**14**

Minimum Credits: 62

***Select from page 83**
****Choose with an advisor**

SCIENCE

Bachelor of Science—Biological Sciences

Accreditation
The program has been approved by the Northwest Commission on Colleges and Universities.

Mission Statement
The mission of the BS in Biological Sciences is to provide a high-quality student-centered bachelors program in the sciences to rural Nevada that 1) relates to the economic need within and outside our region for professionals in the biological sciences, 2) relates to the economic need within and outside our region for rural health and medical professionals through university transfer to medical and other professional programs, and 3) relates to the aspect of the GBC mission on university transfer by providing a biological sciences undergraduate degree for transfer to graduate school in biological sciences and related disciplines.

Student Learning Outcomes
- Communicate the nature of scientific knowledge and the scientific method and how they were developed.
- Associate biological structure and function.
- Relate molecular genetics and cell and organism function.
- Communicate the genetic relationships and evolution of organisms.
- Integrate the complexity of the metabolism of cells and organisms.
- Analyze the complex interplay of how organisms and populations respond to and interact with each other and their environment.
- Communicate effectively with regards to complex biological concepts, orally and in writing.
- Students will be able to meet professional goals. Specifically,
    - Fulfill graduate, medical, and other professional school entrance requirements including success on entrance exams.
    - Obtain employment needed in the region (federal and state agencies, industry, education) and beyond.
    - Obtain employment not linked to this degree, or even science, from analytical skills in this Bachelor of Science degree.

Program Description

Admission to Program
In order to be admitted to the program students must do both of the following:
- Complete an Associate of Science (AS) or Associate of Arts (AA) degree including the equivalent of ENG 102 from a regionally accredited institution.
- Complete the following courses (or their approved equivalents), most of which are prerequisites for upper division courses in the degree in a two-year rotation. BIOL 190, 191, 251; CHEM 121, 122, 241/241L, 242/242L; MATH 181, STAT 152, or equivalent. Completion of these courses before entering the biological sciences bachelor degree program facilitates completion of the BS in two years.

Students need to complete the application form for the BS in Biological Sciences to be formally admitted to the program. Applications are accepted any time; applications received on or before March 15 will be assigned the current catalog year while applications received after March 15 will be assigned to the following catalog year. The form is available online on the GBC Website. Go to www.gbcnv.edu and then go to Academics. Click on the B.S. in Biological Sciences link to access the form. Transfer students must provide official transcripts from all other accredited institutions attended to complete the application process. Applications must be complete to be processed.

Attendance in Science Courses for the BS Biological Sciences
The following science courses have labs and are required to be completed for the BS in Biological Sciences: BIOL 190, 191, 251; 300, 305, 331, 394, 410, 415 and 432; CHEM 121, 122, 241/241L, and 242/242L, Each of these courses have required in-person labs.

Depending on the course, the labs may occur weekly, on weekends, or at a time from Monday through Friday anytime from 8 a.m.–6 p.m.

Due to GBC's personnel, equipment, and facilities, courses listed above which have the CHEM prefix and some BIOL courses (BIOL 331, for example) have required labs that are only offered on the Elko and Pahrump campuses.

This means that BS in Biological Sciences students will be required to attend lab courses in Elko or Pahrump at least 1-2 days each week and that this is not an online degree. Please consult your advisor for the BS in Biological Sciences for the availability details of each individual science course.

Maintaining Good Standing

- Students must maintain a GPA of 2.0 (cumulative) to remain in good standing in the program and to graduate.
- To graduate, students are also required to have a cumulative GPA of 2.0 for all upper division courses applied to the degree. This includes courses taken at GBC and those transferred from other institutions.
- Students must make progress toward the degree with no lapses exceeding three semesters.
- Students not meeting the above criteria may be dismissed from the program.

Academic Honesty

Students must comply with student conduct and academic honesty policies as described in the GBC catalog and NSHE Code; incidents of student misconduct and/or academic dishonesty will be reported the Vice President for academic and student affairs and the appropriate biological sciences program supervisor. Disciplinary action may include a written warning, reprimand, college probation, suspension or expulsion from the biological sciences program. Disciplinary action can be imposed in any order depending on the seriousness of the misconduct. In the event a student's status changes to probationary, a plan of action will be created for reinstatement to the biological sciences. Failure to meet this action plan will result in expulsion from the program.

Prerequisite Requirements

Lower-Division Prerequisites, required to complete degree

BIOL	190	Introduction to Cell and Molecular Biology
BIOL	191	Introduction to Organismal Biology
BIOL	251	General Microbiology
CHEM	121	General Chemistry I
CHEM	122	General Chemistry II
CHEM	241	Organic Chemistry I
CHEM	241L	Organic Chemistry for Life Science Lab I
CHEM	242	Organic Chemistry II
CHEM	242L	Organic Chemistry for Life Science Lab II
MATH	181	Calculus I
STAT	152	Introduction to Statistics

Degree Requirements **Credits**

General Education Requirements

Integrative Seminar—Capstone Outside of Major 3

Choose one for 3 credits.

INT	339	Integrative Humanities Seminar or
INT	349	Integrative Social Sciences Seminar

Capstone Inside Major (Program Requirement)

BIOL 415 Evolution 4

Program Requirements

BCH	400	Introductory Biochemistry 4
BIOL	300	Principles of Genetics..... 4
BIOL	305	Introduction to Conservation Biology 3
BIOL	315	Cell Biology..... 3
BIOL	331	Plant Taxonomy..... 3
BIOL	341	Principles of Ecology 3
BIOL	394	Laboratory in Ecology and Population Biology 2
BIOL	401	Biology Journal Seminar..... 1
BIOL	410	Plant Physiology 3
BIOL	320	Invertebrate Zoology, or
BIOL	432	Herpetology, or
BIOL	434	Mammalogy.....4
BIOL	447	Advanced Comparative Animal Physiology 3
GEOL	101	Exploring Planet Earth.....4
NRES	432	Advanced Environmental Toxicology..... 3

Physics 8

Choose one of the physics series listed below for 8 credits total. Note: physics for scientists and engineers, including PHYS 182 Physics for Scientists and Engineers III, a lower division elective, is recommended for students planning on pursuing biological fields of study related to physical sciences.

PHYS	151	General Physics, and
PHYS	152	General Physics II, or
PHYS	180	Physics for Scientists and Engineers I, and
PHYS	181	Physics for Scientists and Engineers II

Program Electives 0-5

Variable credits: associate degree and/or transfer credits may be applied.

9 credits from the following list required for graduation:

BIOL	223	Human Anatomy and Physiology I
BIOL	224	Human Anatomy and Physiology II
CHEM	100	Molecules and Life in the Modern World
CIT	129	Introduction to Programming
ENV	100	Humans and the Environment
GEOG	103	Physical Geography
GEOL	102	Earth and Life Through Time
MATH	127	Precalculus II, or
MATH	128	Precalculus and Trigonometry
MATH	182	Calculus II
PHYS	182	Physics for Scientists and Engineers III

Courses not from this list may be approved on a case-by-case basis by the BS in Biological Sciences degree committee.

Total credits required for Bachelor of Science in Biological Sciences.....120

All students must satisfy the ENG 102 and U.S. and Nevada Constitutions requirements if not completed as part of their associate's degree.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BS—Biological Sciences

FALL—1st Semester		Credits
BIOL	190	4
CHEM	121	4
ENG	100 or 101	3
MATH	181	4
TOTAL		**15**

SPRING—2nd Semester		Credits
BIOL	191	4
CHEM	122	4
ENG	102	3
FINE ARTS*		3
STAT	152	3
TOTAL		**17**

FALL—3rd Semester		Credits
CHEM	241	3
CHEM	241L	1
CIS 135 or GIS 109		3
HUMANITIES*		3
ORAL COMMUNICATIONS*		3
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3
TOTAL		**16**

SPRING—4th Semester		Credits
CHEM	242	3
CHEM	242L	1
BIOL	251	4
PROGRAM ELECTIVE**		3
STRUCTURE OF SOCIETIES*		3
TOTAL		**14**

FALL—5th Semester		Credits
BIOL	300	4
BIOL	320 or 432 or 434	4
GEOL	101	3
PHYS	151 or 180	4
TOTAL		**15**

SPRING—6th Semester		Credits
BIOL	315	3
BIOL	401	3
BIOL	410	3
NRES	432	3
PHYS	152 or 181	4
TOTAL		**16**

FALL—7th Semester		Credits
BIOL	305	3
BIOL	341	3
BIOL	394	2
BIOL	447	3
LOWER-DIVISION ELECTIVE**		2
TOTAL		**13**

SPRING—8th Semester		Credits
BCH	400	4
BIOL	331	3
BIOL	415	4
INT	339 or 349	3
TOTAL		**14**

Minimum Credits: 120

***Select from page 84**

****Choose with an advisor**

Science

Associate of Science
Engineering and Physical Science
(Pattern of Study)

Student Learning Outcomes

This program provides students with a solid base of mathematics, physics, chemistry, and computer science required of students in the first two years of baccalaureate degrees in engineering and physical science (chemistry, physics, etc.) programs. Completion of this associate degree assures completion of lower-division general education requirements of NSHE colleges and universities, though not all lower division engineering and physical sciences courses required by specific programs that a student may be transferring to are provided. This class guide provides a solid pattern of study for lower-division engineering and physical science students transferring to any college or university. It is important to work with an advisor and to know in advance where the student intends to transfer. This recommended program outline assumes the student is ready to begin a rigorous program with calculus being taken in the first semester. Students needing additional preparation before taking calculus, physics, chemistry, or computer science should consider taking the recommended preparatory electives (listed below) which fulfill associate degree requirements.

Upon completion of the program students will earn an AS degree and will have the ability to:

- Transfer to a four-year level engineering or physical sciences (chemistry, physics) degree program.
- Work at the level of a junior engineer in either the electrical, mechanical, or chemical fields.

Degree Requirements **Credits**

General Education

Communications and Expressions

Written Communications.....3
ENG 100 or 101

Oral Communications.....3
COM 113, THTR 102, THTR 221

Evidence-Based Communications.....3
ENG 102

Fine Arts.....3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THRT 204

Logical and Scientific Reasoning

Mathematical Reasoning—MATH 181 (required).....4

Scientific Reasoning—CHEM 122 (required).....4

Scientific Data Interpretation—CHEM 121 (required).....4

Human Societies and Experience

Structure of Societies:.....3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102 (recommended), ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

American Constitutions and Institutions—PSC 101 (required).....3

Humanities.....3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211

Technological Proficiency—CS 135 (required).....3

FOUNDATIONS

Mathematics—MATH 182 (required).....4
(Minimum 5 total credits Mathematics)

Science—PHYS 180 (required).....4
(Minimum 12 total credits Science)

Program Requirements

MATH 283 Calculus III.....4

PHYS 181 Physics for Scientists and Engineers II.....4

Program Electives.....8

Only courses listed below may be used for remaining credits in this pattern of study.

Preparatory Electives (for students requiring additional preparation in math, physics, chemistry, or computer science) CHEM 100, CIT 129, MATH 127 or MATH 128, PHYS 100

General Electives: AST 101, CHEM 241/L, CHEM 242/L, ENV 100, GEOL 101, GIS 109, MATH 251, MATH 285 (this math course, differential equations, is very highly recommended), MATH 330, PHYS 182

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

SUGGESTED COURSE SEQUENCE
(Refer to page 92)
AS—Engineering and Physical Science

FALL—1st Semester		Credits
CHEM	121	4
ENG	100 or 101	3
FINE ARTS*		3
MATH	181	4
TOTAL		**14**

SPRING—2nd Semester		Credits
CHEM	122	4
CS	135	3
ENG	102	3
MATH	182	4
TOTAL		**14**

FALL—3rd Semester		Credits
MATH	283	4
ORAL COMMUNICATIONS*		3
PHYS	180	4
PROGRAM ELECTIVE**		4
TOTAL		**15**

SPRING—4th Semester		Credits
PHYS	181	4
PSC	101	3
HUMANITIES*		3
PROGRAM ELECTIVE**		4
STRUCTURE OF SOCIETIES*		3
TOTAL		**17**

Minimum Credits: 60

***Select from page 83**

****Choose with an advisor**

Significant portions of this degree are available online. See an advisor for details.

Science

Associate of Science—Geosciences (Pattern of Study)

Student Learning Outcomes

The geosciences pattern of study is for students planning on transferring to a college or university that offers a bachelor's degree in geology or a related field of science. With careful selection of electives for the AS degree, students may also find opportunities for employment as technicians within the mining industry, environmental consulting firms, or some state and federal agencies. To best prepare for transfer of this degree to a bachelor's program, students should first visit with the geosciences faculty advisor at GBC, then work to create a schedule in coordination with the catalog requirements of the college into which the student wishes to transfer. The proper selection of classes will affect the efficiency of how well the degree will transfer, or how well it will assist in obtaining employment.

Upon completion of the program students will earn an AS degree and ability to:

- Describe the fundamental principles of the Geosciences.
- Transfer to a four-year program in the physical or earth sciences or work as a technician in jobs requiring geosciences technicians.

Degree Requirements **Credits**

General Education

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Oral Communications 3
COM 113, THTR 102, THTR 221

Evidence-Based Communications 3
ENG 102

Fine Arts 3
ART 100, ART 101 (recommended), ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

Logical and Scientific Reasoning

Mathematical Reasoning 3
MATH 126, 126E or higher, or STAT 152
MATH 181 or MATH 182 (preferred)

Scientific Reasoning—GEOL 101 (required) 4

Scientific Data Interpretation—CHEM 121 (required) 4

Human Societies and Experience

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

American Constitutions and Institutions: 3
HIST 101/102 (must take both) or PSC 101

Humanities 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210 MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211

Technological Proficiency—GIS 109 (required) **3**

Foundations

Mathematics 2-4
Any MATH 127 or higher, or STAT 152
(Minimum 5 total credits mathematics)

Science—GEOL 102 (required) 4
(Minimum 12 total credits science)

Program Requirements

CHEM	122	General Chemistry II	4
PHYS	151	General Physics I, or	
PHYS	180	Physics for Scientists and Engineers I (preferred)	4
PHYS	152	General Physics II, or	
PHYS	181	Physics for Scientists and Engineers II (preferred)	4

Program Electives (Choose with advisor) 9
Recommended electives: BIOL 190, ENV 100, GEOL 201, and GEOG 103.

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

SUGGESTED COURSE SEQUENCE
(Refer to page 92)
AS—Geosciences

FALL—1st Semester		Credits
CHEM	121	4
ENG	100 or 101	3
GEOL	101	4
MATH	126 or 181	3-4
TOTAL		**14-15**

SPRING—2nd Semester		Credits
CHEM	122	4
ENG	102	3
GEOL	102	4
MATH	127 or 182	3-4
ORAL COMMUNICATIONS		3
TOTAL		**17-18**

FALL—3rd Semester		Credits
PHYS	151 or 180	4
PROGRAM ELECTIVE **		3-4
HUMANITIES*		3
STRUCTURE OF SOCIETIES*		3
GIS	109	3
TOTAL		**16-17**

SPRING—4th Semester		Credits
FINE ARTS*		3
PHYS	152 or 181	4
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3
PROGRAM ELECTIVES**		6-7
TOTAL		**16-17**

Minimum Credits: 63

***Select from page 83**
****Choose with an advisor**

Science

Associate of Science—Natural Resources (Pattern of Study)

Student Learning Outcomes

The pattern of study provides students with courses that prepare them for a baccalaureate degree in natural resources, biology, wildlife biology, range management, forestry, environmental studies and management, and other types of natural resource degrees.

Upon completion of the pattern of study, students will earn an AS degree and have the ability to:

- Transfer to a four-year level natural resources degree program.
- Effectively communicate basic science principles related to natural resources.
- Identify relationships between human activities, biological systems, and the physical environment.
- Work as a technician in jobs requiring skills in natural resources.

Degree Requirements **Credits**

General Education

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Oral Communications 3
COM 113, THTR 102, THTR 221

Evidence-Based Communications 3
ENG 102

Fine Arts 3
ART 100, ART 101 (recommended), ART 107, ENG 205, MUS 101, THTR 100, THTR105, THTR 204

Logical and Scientific Reasoning

Mathematical Reasoning 3
MATH 126, 126E or higher

Scientific Reasoning—GEOL 101 (required) 4

Scientific Data Interpretation—CHEM 121 (required) 4

Human Societies and Experience

Structure of Societies 3
ANTH 101 or ANTH 201 (required)

American Constitutions and Institutions: 3
HIST 101/102 (must take both) or PSC 101

Humanities 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211

Technological Proficiency

GIS 109 (required) **3**

Foundations

Mathematics 3
STAT 152 (required)
(Minimum 5 total credits mathematics)

Science—BIOL 190 (required) 4

Program Requirements

BIOL	191	Introduction to Organismal Biology	4
CHEM	122	General Chemistry II	4
ENV	100	Humans and the Environment	3
GEOL	102	Earth and Life Through Time	4

General Elective 3

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

SUGGESTED COURSE SEQUENCE
(Refer to page 92)
AS—Natural Resources

FALL—1st Semester		Credits
CHEM	121 (Fall semester only)	4
ENG	100 or 101	3
GEOL	101	4
MATH	126, 126E or higher	3
TOTAL		**14**

SPRING—2nd Semester		Credits
COM	113, THTR 102, or 221	3
CHEM	122	4
GIS	109	3
STAT	152	3
TOTAL		**13**

FALL—3rd Semester		Credits
BIOL	190	4
FINE ARTS*		3
GEOL	102	4
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3
GENERAL ELECTIVE		3
TOTAL		**17**

SPRING—4th Semester		Credits
ANTH	101 or 202	3
BIOL	191 (Spring semester only)	4
ENG	102	3
ENV	100	3
HUMANITIES*		3
TOTAL		**16**

Minimum Credits: 60

***Select from page 83**

Social Science

Associate of Applied Science—Criminal Justice

Student Learning Outcomes

The purpose of GBC's criminal justice program is to assist students in the understanding of the intersection of biography and history within social structures related to the criminal justice system, as well as how to be a reflective, proficient, and active agent within these systems.

Graduates of the AAS in Criminal Justice program will have the knowledge and skills to:

- Demonstrate an awareness of the history and nature of the major components of the criminal justice system.
- Identify and analyze the origins of criminal behavior, society's response to crime, and the consequences of crime to our society using multiple perspectives.
- Demonstrate effective oral and written communication skills applicable in the field of criminal justice.
- Describe the process of conducting a criminal investigation, the process of arrest and pretrial detention, criminal trial procedures, and criminal punishment.
- Analyze and explain the relationship between law enforcement agencies and the communities they serve.
- Describe the organizational structure, practice, culture, and environment of the modern police organization.
- Analyze and explain the evolution of the correctional system in the United States.
- Evaluate current issues related to crime prevention and the rehabilitation of juvenile and adult offenders, including the concepts of parole and probation.

General Education Requirements	**Credits**
English/Communications	6
ENG 100 or 101, and ENG 102	
Mathematics	3
MATH 116, 116E, 120, 120E, 126, 126E or higher, or STAT 152	
Science	3
Social Science	3-6
PSC 101 or HIST 101 and 102	
Human Relations	3
PSY 208 or MGT 283 (recommended)	
Humanities or Fine Arts	3
Technology	3
GIS 109, GRC 119, or IS 101 (recommended)	

Program Core Requirements			**Credits**
Fall Semesters			
CRJ	104	Introduction to Administration of Justice	3
CRJ	155	Juvenile Justice	3
CRJ	164	Introduction to Criminal Investigation	3
CRJ	211	Police in America	3
CRJ	230	Criminal Law	3
CRJ	265	Intro to Evidence	3
Spring Semester			
CRJ	106	Introduction to Corrections	3
CRJ	120	Community Relations	3
CRJ	214	Police Patrol	3
CRJ	215	Probation and Patrol	3
CRJ	220	Criminal Procedures	3
CRJ	270	Criminology	3

Program Electives (choose with advisor) 9

Note: Students seeking to earn a Criminal Justice Degree without requesting alternative credits through a valid POST certificate are required to pass CRJ 104, 106, 164, 265, 270, and any other four CRJ courses of their choosing and three program elective courses.

Note: students seeking to earn a Criminal Justice Degree while requesting alternative credits through a valid POST certificate are required to pass CRJ 120, 211, 215, 270, and any other two CRJ courses and three program elective courses.

All six courses listed are offered every semester, all twelve courses listed are offered each year.

Select additional courses with CRJ prefix or from the following list: ANTH 101, 102; BIOL 223; INT 301; PHIL 311 (formerly ECON 311); PSY 101; 241, 460; SOC 101 (or higher); SPAN 112 (or higher)

Note: Students interested in transferring to Bachelor of Arts in Social Science program or Criminal Justice BA program at UNR should carefully choose the most efficient pathway with an advisor and include: ANTH 101, 201 or 202; any Archaeology; any History, and PSY 101 or 208.

After the AAS in Criminal Justice, the next step could be the Bachelor of Applied Science in Management and Supervision (see page 105) or the Bachelor of Arts in Social Science (see page 225).

SUGGESTED COURSE SEQUENCE
(Refer to page 90)
AAS—Criminal Justice

FALL—1st Semester		Credits
CRJ	104	3
CRJ	164	3
ENG	101	3
MATH*		3
PSC	101	3
TOTAL		**15**

SPRING—2nd Semester		Credits
CRJ	106	3
CRJ	of choice	3
CRJ	of choice	3
Science*		3
ELECTIVE**		3
TOTAL		**15**

FALL—3rd Semester		Credits
CRJ	265	3
CRJ	of choice	3
PSY	208 of MGT 283	3
ENG	102	3
ELECTIVE**		3
TOTAL		**15**

SPRING—4th Semester		Credits
CRJ	of choice	3
CRJ	270	3
Humanities*		3
Technology*		3
ELECTIVE**		3
TOTAL		**15**

Minimum Credits: 60

***Select from page 84**

****IMPORTANT-Choose with an advisor**

Social Science

Associate of Arts—Social Science (Pattern of Study)

This suggested pattern of study for the Associate of Arts degree is recommended for students wishing to pursue a Bachelor of Arts in Social Science. Students completing this pattern of study will be positioned to enter Great Basin College's Bachelor of Arts in Social Science program with junior standing.

Students should be aware that many colleges and universities have different lower-division requirements. Students intending to transfer into a bachelor degree program at another institution should check that institution's lower-division requirements to ensure that appropriate courses are taken.

Student Learning Outcomes

Students who complete this program of study will have amassed knowledge and skills needed to:

- Develop scholarly practices appropriate to social science.
- Demonstrate the ability to communicate ideas related to the disciplines of anthropology, history, political science, and psychology.
- Recall and identify basic concepts of anthropology, history, political science, and psychology.

Degree Requirements **CREDITS**

General Education

Communications and Expressions

Written Communications 3
ENG 100, ENG 101

Oral Communications 3
COM 113, THTR 102, THTR 221

Evidence-Based Communications 3
ENG 102

Fine Arts 3
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204

Logical and Scientific Reasoning

Mathematical Reasoning 3
MATH 120, MATH 126, 126E or higher, or STAT 152

Scientific Reasoning 3-4
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103 and NUTR 121

Scientific Data Interpretation 3-4
AST 101, BIOL 100, BIOL 190, CHEM 100, CHEM 121, ENV 100, GEOL 101, NUTR 121, PHYS 100, PHYS 151, PHYS 180

Human Societies and Experience

Structure of Societies 3
ANTH 101, ANTH 201, ANTH 202, CRJ 104, ECON 102, ECON 103; GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101

American Constitutions and Institutions: 3
HIST 101/102 (must take both) or PSC 101

Humanities 3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 105, HIST 106, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211

Technological Proficiency 3
CIT 129, CS 135, EDU 214, GIS 109, GRC 119, IS 101

Foundations

Social Science 3
Any transferrable course 100- or 200-level ANTH (except ANTH 102); CRJ; HIST; PSC; PSY; SOC; ECON 102; ECON 103; GEOG 106

Humanities/Fine Arts 3
Any transferrable course 200-level ENG or 100- or 200-level AM, ART, FIS, FREN, GRC 103, GRC 156, HIST 208, HIST 209, HUM, JOUR, MUS, PHIL, SPAN, THTR

Program Requirements

ANTH	101	Introduction to Cultural Anthropology, or	
ANTH	201	Peoples and Cultures of the World, or	
ANTH	202	Archaeology	3
History		Any lower-division HIST	3
PSC	101	Introduction to American Politics, or	
PSC	210	American Public Policy	3
PSY	101	General Psychology, or	
PSY	208	Psychology of Human Relations	3

Program Electives 9
Three courses from the following prefixes: ANTH, GEOG, HIST, PSC, PSY, SW, SOC, CRJ

Note: All students graduating from Nevada institutions of higher education must satisfy the American Constitutions and Institutions requirement. PSC 101 (3 credits) or HIST 101 and HIST 102 (6 credits).

See the following page for suggested course sequence.

SUGGESTED COURSE SEQUENCE
(Refer to page 91)
AA—Social Science

FALL—1st Semester	Credits
AMERICAN CONSTITUTIONS AND INSTITUTIONS*	3
ANTH 101, ANTH 201, or ANTH 202	3
ENG 101	3
MATHEMATICAL REASONING*	3
ORAL COMMUNICATIONS*	3
TOTAL	**15**

SPRING—2nd Semester	Credits
ANY LOWER-DIVISION HISTORY*	3
ENG 102	3
HUMANITIES*	3
PSC 101 OR PSC 210	3
TECHNOLOGY PROFICIENCY*	3
TOTAL	**15**

FALL—3rd Semester	Credits
FINE ARTS*	3
PROGRAM ELECTIVE**	3
PSY 101 or PSY 208	3
STRUCTURE OF SOCIETIES*	3
SCIENTIFIC REASONING*	3
TOTAL	**15**

SPRING—4th Semester	Credits
FOUNDATIONS: HUMANITIES/FINE ARTS*	3
PROGRAM ELECTIVE	6
SCIENTIFIC DATA INTERPRETATION	3
FOUNDATIONS: SOCIAL SCIENCE*	3
TOTAL	**15**

Minimum Credits: 60

***Select from page 83**

****Choose with an advisor**

Social Science

Bachelor of Arts—Social Science

Student Learning Outcomes

- Acquire and interpret scholarly information and data to reach informed, reasoned, and balanced conclusions.
- Synthesize information effectively in oral and written form.
- Demonstrate comprehension of how the core social science disciplines--anthropology, history, political science, and psychology--approach the analysis of human social behavior.
- Apply concepts and methods to an original professional study in social sciences.

Accreditation
This degree was approved by the NSHE Board of Regents in 2016. Submission to, and accreditation by, the Northwest Commission on Colleges and Universities will follow thereafter.

Mission Statement
The mission of the Bachelor of Arts in Social Science (BASS) is to fulfill and extend the mission and philosophy of Great Basin College. The BASS provides a broad interdisciplinary knowledge base and professional experience. This course of study is designed to instill abilities in critical thinking, writing, presentation, and research skills as well as build an interdisciplinary knowledge base.

Professional Skills and Career Paths
Graduates of social science programs at GBC have gone on to careers in archaeology, education, counseling, human resources, higher education student services, business management, law, and environmental consultation, to name a few. Others have moved forward in their existing careers with federal agencies, non-profits groups, and industry. Social science graduates have also successfully entered graduate programs in anthropology, history, political science, psychology, education, social work, library science, sociology, and law. A social science degree prepares a student for many career paths and postgraduate education.

Admission to the Program
Students who have an Associate of Arts, Associate of Science or an Associate of Applied Science (with any major or emphasis) are encouraged to apply for the 2+2 BASS online program. Students must complete and submit the application form for the BASS to be formally admitted to the program. Applications are accepted and reviewed on a continuous basis; applications received prior to July 1 will be assigned to the current catalog year. Applications received on or after July 1 will be assigned to the following catalog year. The application form is available on the GBC website and at the social science department at the Elko campus (DCIT 105). Transfer students must provide official transcripts from all other accredited institutions attended prior to acceptance in order to complete the application process.

Formal admission will be pending until transcripts indicate the completion of the associate degree. Admission is complete when the student receives the acceptance letter from the BASS program supervisor.

Applications must be received by the 5PM deadline, April 1st for the upcoming fall semester or November 1st for the upcoming spring semester.

Successful applicants to the program will have:

- Completed an AA, AS, or AAS degree (consisting of at least 60 credits) from an accredited institution of higher learning. Students may apply to the BA program in the semester prior to receiving their associate degree.
- A minimum GPA of 2.5 for the associates degree
- A grade of C- or higher in ENG 102

Advisement
Each student admitted to the BASS program will have a faculty member assigned as advisor by the program supervisor. Students are required to meet with their advisor each semester to ensure progress toward the degree. Advisor assignment is provided in the letter of acceptance to the program. To obtain the name of your advisor, please contact the program administrative assistant at 775.327.2234. Students currently pursuing an AA or AS degree with an interest in the BASS are encouraged to follow the Associate of Arts—Social Science pattern of study published within this catalog. Please contact the program supervisor for additional information.

- Students must maintain a GPA of 2.0 to remain in good standing in the program
- To graduate, students are required to have a cumulative GPA of 2.0 for all upper-division courses applied to the degree. This includes courses taken at GBC and those transferred from other institutions
- Students must make progress toward the degree with no lapses of enrollment exceeding three semesters
- Students must comply with policies of student conduct and academic honesty stated by their instructors, the GBC social science department, Great Basin College, and NSHE
- Students not meeting the above criteria may be dismissed from the program

BA in Social Science Requirements
(beyond Associate of Arts or Associate of Science degree)

Prerequisite Requirements
Lower-division prerequisites, required to complete degree.

ANTH 101 Introduction to Cultural Anthropology, or
ANTH 201 Peoples and Cultures of the World, or
ANTH 202 Archaeology
HIST Any lower-division History
PSC 101 Introduction to American Politics, or
PSC 210 American Public Policy
PSY 101 General Psychology, or
PSY 208 Psychology of Human Relations

General Education Requirements
(beyond those required for AAS)
Students entering with an AAS must also complete GBC's General Education requirements for
Oral Communications 3
Fine Arts 3
Mathematical Reasoning 3
Scientific Reasoning 3-4
Scientific Interpretation of Data 3-4
Humanities 3
(see General Education grid on p. 81)

Integrative Seminar ..... **Credits**
INT 349 Integrative Social Science Seminar 3

Integrative Seminar Outside of Major
INT 359 or 369 3

Total Credits 6

Program Requirements
IMPORTANT NOTICE: Social science upper-division courses are offered on a rotating schedule. One upper-division course in history and one course in psychology will be offered every fall semester. One upper-division course in anthropology and one course in political science will be offered every spring semester. See the schedule in the BASS handbook or ask your advisor. This is critical for the timely completion for your degree.

Anthropology (Choose two) 6
- ANTH 400A Indians of North America
- ANTH 400B Indians of the Great Basin
- ANTH 406 Art in Small-Scale Societies
- ANTH 439 Selected Topics in Cultural Anthropology
- ANTH 440B Archaeology of the Great Basin
- ANTH 458 Origins of Inequality: A Cross-Culture Perspective
- ANTH 459 Selected Topics in Archaeology

History (choose two) 6
- HIST 417C The West as National Experience
- HIST 441 American Environmental History
- HIST 458 Roman Civilization
- HIST 478B Islamic and Middle Eastern History Since 1750
- HIST 498 Advanced Historical Studies

Political Science (choose two) 6
- PSC 401F Public Opinion and Political Behavior
- PSC 401Z Special Topics in American Government
- PSC 403C Environmental Policy
- PSC 403K Problems in American Public Policy

Psychology (choose two) 6
- PSY 412 Motivation and Emotion
- PSY 435 Personality
- PSY 460 Social Psychology

Additional Social Science 6
Upper-division ANTH, CRJ, ECON, HIST, PSC, PSY, and/or SW. May include a second INT 349 with different topic.
Written Communications 3
Any Upper-division ENG

INT 301 Integrative Research Methodology 3
INT 496 Capstone in Integrative Studies 3
Total Credits 39

Program Electives
Choose five electives from the following prefixes:
ACC, AGSC, ANTH, ART, AST, BIOL, BUS, CADD, CHEM, CIT, COM, CRJ, CS, ECON, ENG (200 or higher), ENV, FIS, FREN, GER, GRC, GEOG, GEOL, GIS (205), HDFS, HUM, HIST, INT, IS, MATH, MGT, MKT, MUS, NRES, PHIL, PHYS, PSC, PSY, SPAN, SOC, STAT, SUR, SW, THTR, WMST

Total Credit 15

Minimum Total Credits: 60
(beyond associate degree)

All students must satisfy the ENG 102 and U.S. and Nevada Constitutions requirements if not completed as part of their associate's degree.

See the following page for suggested course sequence.

SUGGESTED 4 YEAR PLAN OF STUDY
(Refer to page 93)
BA—Social Science

FALL—1st Semester	Credits
AMERICAN CONSTITUTIONS AND INSTITUTIONS*	3
ANTH 101, ANTH 201, or ANTH 202	3
ENG 101	3
MATHEMATICAL REASONING*	3
ORAL COMMUNICATIONS*	3
TOTAL	**15**

SPRING—2nd Semester	Credits
ANY LOWER-DIVISION HISTORY	3
ENG 102	3
HUMANITIES*	3
PSC 101 OR PSC 210	3
TECHNOLOGY PROFICIENCY*	3
TOTAL	**15**

FALL—3rd Semester	Credits
FINE ARTS*	3
PROGRAM ELECTIVE**	3
PSY 101 or PSY 208	3
STRUCTURE OF SOCIETIES*	3
SCIENTIFIC REASONING*	3
TOTAL	**15**

SPRING—4th Semester	Credits
FOUNDATIONS: HUMANITIES/FINE ARTS*	3
PROGRAM ELECTIVE**	6
SCIENTIFIC DATA INTERPRETATION	3
FOUNDATIONS: SOCIAL SCIENCE*	3
TOTAL	**15**

FALL—5th Semester	Credits
ADDITIONAL SOCIAL SCIENCE*	3
ELECTIVE*	3
INT 301	3
UPPER-DIVISION HIST*	3
UPPER-DIVISION PSY*	3
TOTAL	**15**

SPRING—6th Semester	Credits
ADDITIONAL SOCIAL SCIENCE*	3
INT 359 or 369	3
UPPER-DIVISION ENG*	3
UPPER-DIVISION ANTH*	3
UPPER-DIVISION PSC*	3
TOTAL	**15**

FALL—7th Semester	Credits
INT 349	3
UPPER-DIVISION HIST*	3
UPPER-DIVISION PSY*	3
ELECTIVES*	6
TOTAL	**15**

SPRING—8th Semester	Credits
INT 496	3
UPPER-DIVISION ANTH*	3
UPPER-DIVISION PSC*	3
ELECTIVES*	6
TOTAL	**15**

Minimum Credits: 120

***Select from page 84**

****Choose with an advisor**

Years 1-2: Completion of the Associate of Arts in Social Science pattern of study or other associate degree and required lower-division social science courses. See the Associate of Arts in Social Science pattern of study on page 223 for the catalog description.

Social Work

Bachelor of Social Work (BSW) Great Basin College Associate of Arts included with Great Basin College and the University of Nevada, Reno 3+1 Collaborative Program

Great Basin College's unique BSW program provides students with an Associate of Arts degree by the end of the fourth semester. This allows some of the Silver Core requirements at the University of Nevada, Reno (UNR) to be waived upon transfer. Students completing six semesters of the prerequisite courses at GBC will apply to the UNR Bachelor of Social Work degree program. Students who meet all the requirements will be accepted into the program at UNR. Students will complete 84 credits at GBC. Students complete the first three years of academic study and achieve an Associate of Arts degree in year two. After being accepted to UNR and the professional sequence of BSW majors, students complete their final 36 credits at UNR (no less than 36 upper-division credits must be completed through UNR.) These are completed during the final year of study, semester seven and eight. UNR social work courses will be delivered in an online and hybrid format to students in their GBC service area with some travel to Reno required.

Accreditation
This program has been approved by the Council on Social Work Education.

Mission Statement
Social work education is based upon a specific body of knowledge, values, and professional skills. The baccalaureate program offers coursework and field studies that prepare individuals committed to the elimination of poverty, oppression, and social injustice. The goal of professional social work practice is to enhance the functional capabilities of individuals, families, groups, organizations, and communities by building on each system's unique strengths.

Program Description
The Bachelor of Social Work degree includes course and field work that prepare students for entry-level professional social work practice. Students gain knowledge of the theories, skills, and professional values that enable them to become social workers in a variety of programs, such as child welfare, community development, corrections, delinquency, employee assistance, health settings, mental health, disabilities, planning and administration, public assistance, and services to the aged. The degree also prepares students for admission to graduate school.

Program Requirements
The student is required to complete 54 social work credits. Of these 54 credits, 51 are in required courses and the remaining three credits are electives and should be selected in consultation with an advisor. Additionally, students who major in social work must meet one of the two following requirements: complete school-required options in cultural diversity-specific courses(s) to be determined in consultation with the student's academic advisor; or complete a fourth-semester college course in a foreign language.

Admission Requirements
When a student registers for SW 101 they are considered admitted to social work as a pre-major status. The student is required to attend a social work orientation and meet with an academic advisor during the first semester. Once a student reaches the end of the fourth semester, they are preparing to become a 3+1 social work student and must have their courses reviewed by an advisor prior to enrolling in the fifth semester. Students will at this point apply to UNR Silver State transfer program.
The Co-admission program is a bridge from the Nevada System of Higher Education (NSHE) community colleges to the University of Nevada, Reno. Program participants have the opportunity to work one-on-one with advising specialists as they transition to the University of Nevada, Reno. The purpose of the program is to support community college students as they prepare to transfer, ensuring a smooth transition to the baccalaureate degree. Students who are in the program may take courses from both the community college and the University at the same time that they are pursuing their transferable associate degree. The community college remains the home campus for co-admit students.

Silver State Transfer Program Guidelines
- Students must be in good academic standing.
- Students agree to all the exchange of transcript data between the community college and the University.
- Students are assigned a university advisor. Students are required to meet with their academic advisor each semester at both the university and the community college social work program.
- Students are expected to enroll in courses leading to both the AA/AS degree and bachelor's degree.

How to apply
- Complete the undergraduate application at unr.edu/apply and SAVE, no need for payment at this time. Notify the social work advisor to verify application has been received.
- Send official transcripts to: University of Nevada, Reno, Admissions and Records/MS 0120, Reno, NV 89557
- The $60 non-refundable university application fee will be deferred until student enrolls at the university.
- Provide immunization records if you are intending to enroll at the university (documentation of two doses

of measles, mumps, rubella (MMR); and one dose of tetanus within the last 10 years). They can be sent to the address above or faxed to: 775/784-4283
- Complete the permission to enroll form with your social work advisor
- Complete the declaration of intent to graduate from current community college

UNR BSW Admission Requirements

To be considered for admission into the professional sequence of the BSW program, students must:

1. Maintain an overall grade-point average of 2.5 or higher. (Exceptions may occasionally be considered for students who do not meet the GPA requirement, but in the professional judgment of the faculty demonstrate exceptional potential for social work through strong community service and/or leadership experiences)
2. Complete SW 101, SW 250, SW 310, and SW 321 with a grade of C or higher in each course and have completed or be enrolled in SW 311 and SW 351
3. Submit formal applications to:
   a) The University of Nevada, Reno (applicable for students transferring to UNR) and
   b) The School of Social Work (BSW application)
4. Submit responses to essay questions as found on the third page of the BSW program application
5. Submit two professional references (must use BSW recommendation form)
6. Submit transfer credit report. (All documents listed found in MyNevada)

It is important to note that the requirements for graduation with a social work degree include completion of at least 120 credits and completion of all required social work courses with a C grade or higher in each course. To qualify for the Master's degree program (MSW) at UNR, completion of all required social work courses with a B grade or higher in each course is required.

Application for UNR BSW program

The application for the UNR social work program is located on the UNR social work website and needs to be completed with all required documentation by January 15th. The following website will direct students to the information needed to apply to the UNR social work program https://www.unr.edu/degrees/social-work/bsw. Students will not need to reapply to UNR as this was completed as a part of the Silver State transfer program during the 4th semester at GBC.

Degree Requirements	**Credits**
General Education Requirements	
English/Communications	6
ENG 100 or 101, and ENG 102	
Mathematics	3
MATH 120, 120E, 126, 126E or higher, or STAT 152	
COM 113	3
Fine Arts	3
NUTR 121	3
Science	3
ANTH 102, BIOL 100, 191, CHEM 121, 122, GEOG 103, GEOL 101, 102, NUTR 121, PHYS 100, 151, 152, 180,181	
Structures of Societies	3
ANTH 101 (required)	
American Constitutions and Institutions:	3-6
HIST 101/102 (must take both) or PSC 101	
Humanities	3
Technology	3
CIT 129, EDU 214, GIS 109, CS 135, GRC 119, IS 101	
PSY 101	3
Total Credits	**36-39**
Additional Departmental Requirements	**9**
CPD 116 Substance Abuse - Fundamental Facts and Insights	
PSY 241 Introduction to Abnormal Psychology	
HDFS 201 Lifespan Human Development	
SOC 101 Sociology	3
Humanities	3
HIST 105, 106, 208, 209, PHIL 200, 207	
PHIL 102 Critical Thinking and Reasoning	3
ECON 102 Principles of Microeconomics	3
General Elective (Any 3 credit course)	3
Total Credits	**24**
Pre-Professional Courses	
SW 101 Introduction to Social Work	3
SW 250 Social Welfare History and Policy	3
SW 310 Human Behavior and the Social Environment I	3
SW 311 Human Behavior and the Social Environment II	3
SW 321 Basics of Professional Communication	3
SW 351 Global Context of Social Work (UNR)	3
Total Credits	**24**
Professional Sequence Courses	
SW 420 Social Work Methods with Individuals (UNR)	3
SW 421 Social Work Methods with Groups (UNR)	3
SW 424 Social Work Methods with Families (UNR)	3
SW 427 Social Work Methods with Communities, Organizations, and Legislatures (UNR	3)
SW 440 Principles of Evidence Informed Practice I (UNR)	3
SW 441 Principles of Evidence Informed Practice II (UNR)	3
SW 480 Field Experience in Social Work I (UNR)	6
SW 481 Field Experience in Social Work II (UNR)	6
SW 230 Crisis Intervention (GBC) Elective	3
Social Work Elective (UNR)	3
Total Credits	**36**

Diversity and Equality Courses

WMST	101	Introduction to Women's Studies	3
ENG	333	Professional Communications	3
Total Credits			**6**

Course offerings vary from term to term. Please work with the department and an advisor to select a current social work electives being offered at UNR.

Total Minimum Credits 120

SUGGESTED COURSE SEQUENCE
(Refer to page 91)
BSW—GBC/UNR 3+1 Social Work

FALL—1st Semester		Credits
ENG	101	3
FINE ARTS**		3
SW	101	3
PSY	101	3
CPD	116	3
TOTAL		**15**

SPRING—2nd Semester		Credits
ENG	102	3
MATH	120, 120E, 126, 126E or higher	3
HIST	101 and HIST 102 or PSC 101	3-6
SW	250	3
HUMANITIES**		3
TOTAL		**15-18**

FALL—3rd Semester		Credits
SW	310	3
COM	113	3
NUTR	121	3
ANTH	101	3
SW	230	3
TOTAL		**15**

SPRING—4th Semester		Credits
SCIENCE*		3
HUMANITIES*		3
TECHNOLOGY*		3
SW	321	3
SW	311	3
TOTAL		**15**

FALL—5th Semester		Credits
DIVERSITY OUTSIDE SW (WMST 101))		3
GENERAL ELECTIVE*		3
PSY	241	3
SW ELECTIVE (Selection from UNR)**		3
SOC	101	3
TOTAL		**15**

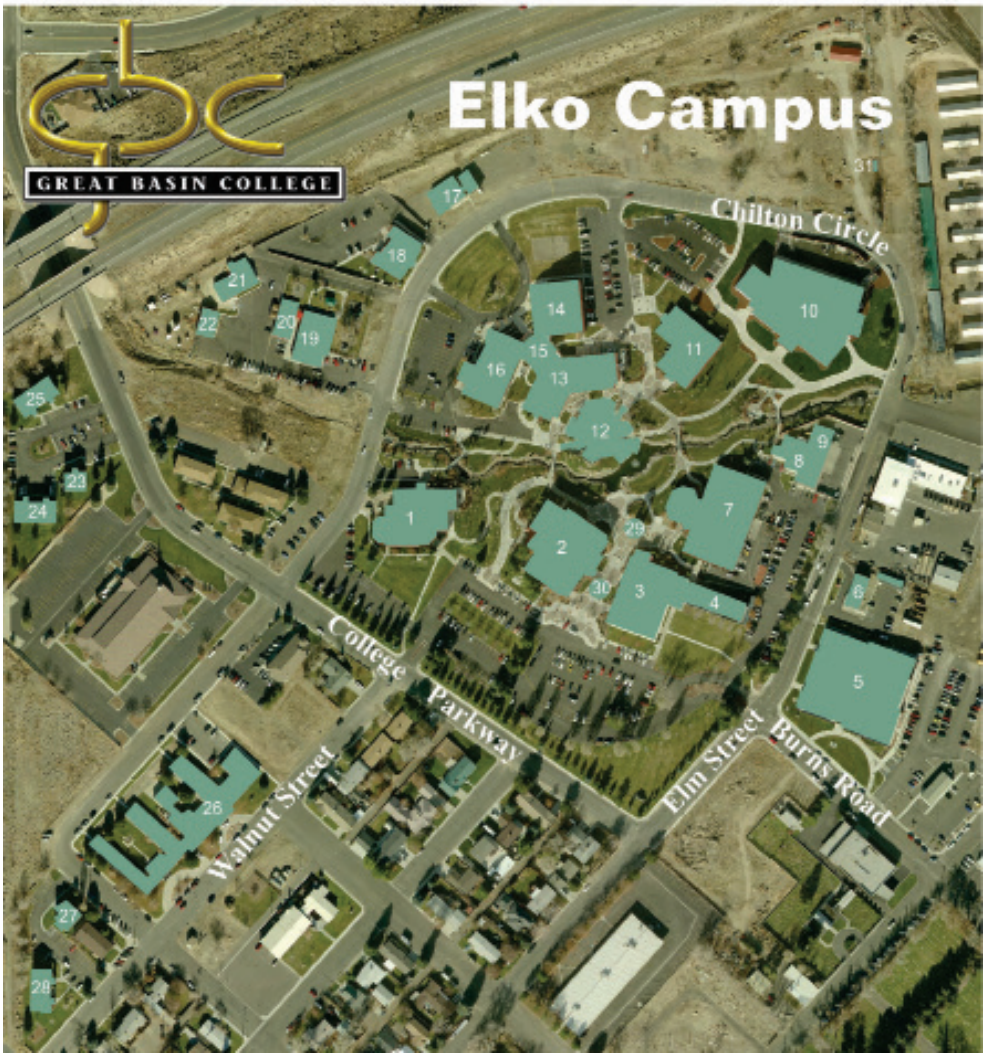
SPRING—6th Semester		Credits
HDFS 201 or PSY 105		3
ECON	102	3
PHIL	102	3
DIVERSITY OURSIDE OF SW (ENG 333)**		3
SW 351 (UNR)		3
TOTAL		**15**

FALL—7th Semester (UNR)		Credits
SW	420	3
SW	424	3
SW	440	3
SW	480	6
TOTAL		**15**

SPRING—8th Semester (UNR)		Credits
SW	421	3
SW	427	3
SW	441	3
SW	481	6
TOTAL		**15**

Minimum Credits: 120

***Refer to page 83**
****Choose with an advisor**



1. **Berg Hall (BH)**
   Academic Affairs
   Admission Advising and Career Center
   Berg Conference Room
   Counseling
   Student Employment Services
   Admissions and Records Office
   Administrative Offices
   Conference Room
   Controller's Office
   Institutional Research
   Vice Presidents' Conference Room
   Recruitment
   SIS Operations
   Student Financial Services

2. **McMullen Hall (MH)**
   Classrooms
   Faculty Offices
   Arts and Letters
   Elementary/Secondary/Early Childhood Education
   Interactive Video Conference Rooms
   Library
   NNRDA
   Economic Development
   Veterans Resource Center

3. **Lundberg Hall (LH)**
   Biology, INBRE
   Classrooms
   Computer Services
   Life Sciences Lab
   Marketing/Social Media
   Media Services
   NSHE—System Computing Services
   Physical Sciences Lab
   Sciences Faculty Offices

4. **Welding Shop**

5. **High Tech Center (HTC)**
   Chemistry Lab
   CISCO Training Room
   Computer Classrooms
   Computer Lab Aides
   Distance Education
   Elementary Education Resource Center
   Faculty Offices
   Computer Technologies, Land Surveying/Geomatics
   Interactive Video Office
   Microbiology Lab
   Part-time Faculty Work Room/Webmaster

6. **Adult Learning Center**
   Instruction/Registration

7. **Greenhaw Technical Arts Center (GTA)**
   Art Classroom
   Auto/Diesel Shops
   Classrooms
   Faculty Offices
   Business, Diesel, Welding

8. **Central Receiving**
   Buildings and Grounds

9. **Storage**

10. **Carl A. Diekhans Industrial Technology Center (DCIT)**
    Academic Success Center
    Testing Center
    Career and Technical Education
    CTE College Credit
    CTE Job Placement/Retention
    Conference Room, 201
    Electrical Technology Lab
    Faculty Offices
    CTE—Electrical Technology, Maintenance
    Social Sciences—Anthropology, Criminal Justice, History, Psychology, Social Work, Sociology
    Instrumentation Lab
    Low Voltage Lab
    TAACCCT Grant
    Theatre Arts

11. **Dorothy S. Gallagher Health Sciences Building (HSCI)**
    Classrooms
    Faculty Offices
    EMT/CNA, Nursing, Radiology

12. **Reynolds Amphitheatre**

13. **Leonard Center for Student Life (LCSL)**
    Art Gallery
    Café
    Bookstore
    Clubs and Organizations
    Disability Resource Center and Student Support and Retention Services
    Social Room
    Student Government Association Offices
    Game/Recreation Room

14. **Fitness Center**
    Gym/Weight Room

15. **Reynolds Solarium**

16. **GBC Theatre**
    Green Room,
    Stage, Theatre

17. **Chilton Circle Modular**
    ABE/ESL
    Human Resources
    Interactive Video Conference Room
    Security

18. **Community Outreach Center**
    Continuing Education/Community Education
    Foundation

19. **Mark H. Dawson Child and Family Center**

20. **The House Tom and Jack Built**

21. **Arts Annex**
    Ceramic Lab
    Jewelry Lab

22. **Storage/Testing Facility**
    RPL (Recognized Prior Learning)
    Testing for Industrial Maintenance and Diesel

23. **Placer Dome/Cortez Hall**
    Single Resident Suites
    1691 College Parkway A

24. **Newmont Hall**
    Single Resident Suites
    1691 College Parkway B

25. **Single Resident Suites**
    1691 College Parkway C

26. **Elizabeth Griswold Hall**
    735 Walnut Street
    Student Housing Dorms

    701 Walnut Street
    AHEC, CEHSO
    Cooperative Extension, University of Nevada, Elko
    Office of Extended Studies

27. **Theodore Laibly Hall**
    6-Unit Married Housing Apartment Complex
    611 Walnut Street

28. **12-Unit Married Housing**
    Apartment Complex
    611 Walnut Street

29. **Clock Tower**

30. **Rollan Melton Circle**

31. **Hoop House**

Course Descriptions

This catalog will provide information you will need to complete your educational goals. But, even with all this printed guidance, you should meet with your advisor before registration because courses and programs are constantly changing. Some classes are not offered every semester. You should be aware of class availability before selecting a course of study. With your advisor and assistance from the appropriate academic department, you can make informed decisions.

GBC schedules always indicate courses with the following designations:

Courses Numbered 001-099
Courses numbered 001-099 indicate developmental education courses and will not be applied to certificate programs or to degrees, nor will they transfer to other colleges.

Courses Numbered 100-499
Most GBC courses are numbered 100-199 (first year), 200-299 (second year), 300-399 (third year), and 400-499 (fourth year). Naturally, transfer courses do not all transfer the same way. Some transfer as equivalents and others as general electives. If you plan to transfer to the University of Nevada, Las Vegas (UNLV) or to the University of Nevada, Reno (UNR), you need to study the transfer status of your courses.

For more information and to access NSHE course transfer status information, visit the UNR website at www.unr.edu/transfer or the UNLV website at http://www.unlv.edu/admissions/transfer.

Important Note:
Some courses offered at Great Basin College may not be used for an Associate of Arts, Associate of Science, or Bachelor of Arts degree and Bachelor of Science degree. These courses may not be transferable to other Nevada colleges. These courses are identified in the catalog course descriptions with the following notation:

This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), a Bachelor of Arts (B.A.) degree, or Bachelor of Science (B.S.), and may not be transferable for other baccalaureate degrees in Nevada.

These courses are identified with a class attribute in the online course schedule with the following notation:

Non-transferable for an NSHE baccalaureate degree.
You may also consult the Admissions and Records Office, Berg Hall. If you plan to transfer out of state or to a private educational institution, **you need to consult the applicable college catalog.**

Courses Having a Z Affix
The Z affix indicates a community education course which is not meant for transfer.

Courses numbered 300 and above with any affixes are transferrable to University of Nevada, Reno, University of Nevada, Las Vegas, and Nevada State College.

General Education and Core Courses
Courses that fulfill general education objectives or core requirements are indicated in the matrix on page 83-84. These courses require a college level of reading, writing, or mathematics ability. If you plan to enroll in one of these courses, you must complete any listed prerequisites, take the placement tests that determine your eligibility for entrance into the course, have an equivalent ACT/SAT score, or the instructor's approval.

Additional Information [N]
A designation of [N] indicates a course is new at the time of publication and may be subject to NSHE approval. Consult your advisor or the department.

Courses with [S/U]
Courses with this designation indicate that the student will receive a satisfactory or unsatisfactory rather than a letter grade. These courses do not negatively or positively affect the grade-point average. See pages 78-79 for additional information.

Air Conditioning

AC 101 Introduction to Heating, Ventilation, and Air Conditioning 3
A lecture, demonstration, and laboratory course introducing the basics and theory of heating, air conditioning, and refrigeration. In addition to the basic theory, students will also learn basic tools of the industry and how they are used, basic electricity, circuits, wiring, ohms, amps, watts, and resistance will be covered. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Accounting

ACC 105 Taxation for Individuals 3
An introduction to federal income taxation emphasizing the preparation of personal tax returns. Fundamentals of income, exclusions, deductions, credits, and tax minimization strategies. Prerequisite: Must have completed ACC 201.

ACC 201 Financial Accounting 3
Basic accounting principles and procedures with a focus on the sole proprietorship and partnership form of business. The accounting cycle, receivables, payables, inventory, fixed asset acquisition, and disposal, and financial statement preparation.

ACC 202 Managerial Accounting 3
A continuation of ACC 201 with a concentration on the corporate form of organization. Topics include stockholders' equity, long-term debt, investments, statements of cash flow, financial statement analysis, and an introduction to managerial accounting. Prerequisite: Must have completed ACC 201.

ACC 203 Intermediate Accounting I 3
An in-depth study of various aspects of financial statements prepared according to generally accepted accounting principles. Topics include a review of basic accounting theory and practice, the development of accounting standards, the conceptual framework of accounting, and the treatment of cash, receivables, prepaid expenses, fixed assets, and intangibles. Prerequisite: Must have completed ACC 201 and ACC 202.

ACC 204 Intermediate Accounting II 3
A continuation of ACC 203, Intermediate Accounting I. Topics include current liabilities and contingencies, long-term liabilities, stockholders' equity, investments, income taxes, compensation (salaries, bonuses, stock plans, post-retirement benefits) changes, correction of errors, and earnings per share. Prerequisite: Must have completed ACC 203.

ACC 220 Microcomputer Accounting Systems 3
Introduction to actual computerized accounting systems being used in the business world. Emphasis is on the application of basic accounting theory using a case study approach. Prerequisite: Must have completed ACC 201.

ACC 261 Governmental Accounting 3
An introduction to accounting and financial reporting for governmental and not-for-profit entities. Includes a study of fund and budget accounts for state and local governmental units, revenues, appropriations, disbursements, assessments, university, hospital, and other fund applications. Prerequisite: Must have completed ACC 201.

ACC 290 Certified Bookkeeper Course 3
This is a capstone course that is to be taken in the final semester of the AAS degree in Accounting program. Students focus systematically on mastering the curriculum for national certification as a professional bookkeeper. Specific topics include adjusting entries, correction of errors, payroll, depreciation, inventory, and internal controls. Prerequisite: Must have completed ACC 201 and ACC 202. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Agricultural Science

AGSC 110 Introduction to Agriculture Management 3
Introduces agriculture management and will focus on the development of personal leadership skills as they relate to agriculture business. Students will investigate, develop, and demonstrate personal leadership skills as related to critical agriculture issues on the regional, state, and national levels.

Applied Industrial Technology

AIT 120 Basic Electrical for Technology 1-3
Develop a basic understanding of DC and AC electricity in theory, and as it applies to Welding, Diesel, Industrial Millwright Technology, and Electrical Systems Technology.

American Sign Language

AM 145 American Sign Language I 4
Development of American Sign Language and its application within the deaf community. Based on the functional, national approach to learning sign language and organizes language around communicative purpose of everyday interaction. Aspects of the course include cultural awareness, grammatical features, vocabulary development, and conversational skills.

AM 146 American Sign Language II 4
Continuation of AM 145 stressing the development of basic conversational skills. Prerequisite: Must have completed AM 145.

AM 147 American Sign Language III 4
Designed to enable students to develop conversational competency in American Sign Language. Grammatical features and sentence structures will be taught and practiced, as well as conversational norms for receptive and expressive language use. Topics relating to deaf history and culture will be discussed as they enable the student to more effectively communicate and associate with ASL users. Prerequisite: Must have completed AM 146.

AM 148 American Sign Language IV 4
The fourth in a series for American Sign Language courses designed for a student to acquire communicative competency in ASL. The course encourages the student to expand his/her command of discourse in ASL on various everyday topics. Linguistic features of ASL are expanded, including inflection, spatialization, movement, redundancy, and use of facial expression and body postures. Class will be conducted in ASL - no voice conversations will be allowed in the classroom. No chewing gum or eating during class. Prerequisite: Must have completed AM 147.

AM 295 Drill and Practice in American Sign Language 1
Practice and drill in American Sign Language. Repeatable up to four credits. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

AM 299 Special Topics in American Sign Language 3-6
Development of Signing Exact English and its application within the deaf community. This process of learning sign language organizes language around communicative purpose of everyday interaction. Aspects of the course include cultural awareness, vocabulary development and conversational skills. May be repeated to a maximum of 18 credits.

Anthropology

ANTH 101 Introduction to Cultural Anthropology 3
Study of human cultures across the globe through examination of the basic principles underlying the organization of societies and the ways anthropologists analyze various parts of culture. Students will become familiar with the glue that holds all groups of people together, and how that glue can divide groups of people in profound ways.

ANTH 102 Physical Anthropology 3
Introduction to the study of how humans, Homo sapiens, have emerged as a species and come to dominate the planet by examining processes of human biological and cultural evolution. Topics include inheritance, the emergence of primates, fossil hominids, the development of technology, and biological variability among modern humans. Satisfies general education science.

ANTH 201 Peoples and Cultures of the World 3
Introduction to the diversity of indigenous, traditional societies in select

regions of the world including such groups as herding people in Africa, hunters and gatherers in Australia, farmers in New Guinea, headhunters in Borneo, among others. The course focuses on the ethnographic description of traditional cultures and the impacts of colonization and globalization on those societies.

ANTH 202 Archaeology 3
Study of the archaeological patterns found in the Old and New Worlds and how archaeologists study the past. Focuses on topics like the cultural changes throughout the world as early humans began making tools in Africa to the rise of civilizations such as those found in Egypt and Mexico.

ANTH 332 (De)Constructing Race 3
This course examines the concept of race from an anthropological perspective?it is an exploration of the biological basis for human variation, the construction of racial categories, the nature of social hierarchy and inequality, and the role of race in systemic inequalities (i.e., education, economics, environment, health security, the legal system, the policing system, food security, housing, political organization, and so on) in the United States and elsewhere. Prerequisite: Must have completed 40 or more credits and have completed (ENG 102 or ENG 333) and (MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher or STAT 152).

ANTH 400A Indians of North America 3
Ethnographic survey of the wide variety of societies found in native North America, including regions such as the Plains, the Arctic, the Southwest, and the Southeast, among others. Course provides an overview of social institutions (i.e., religion, food getting and settlement, kinship, etc.) and changes resultant of European contact and colonization. Satisfies the diversity requirement at UNR. Prerequisite: Must have completed 40 or more credits including one of the following: ANTH 101 or ANTH 201 or ANTH 202 or instructor approval.

ANTH 400B Indians of the Great Basin 3
Study of indigenous cultures of the intermountain region of Western North America including such groups as the Washoe, the Western Shoshone, the Northern Paiute, and the Ute. Course provides an overview of social institutions (i.e., religion, food getting and settlement, kinship, etc.) and changes resultant of European contact and colonization. Satisfies diversity requirement at UNR. Prerequisite: Must have completed 40 or more credits including one of the following: ANTH 101 or ANTH 201 or ANTH 202 or instructor approval.

ANTH 406 Art in Small-Scale Societies 3
This course focuses on the 'traditional' production and meaning of art in small-scale societies as well as the changes that occur with colonization and globalization among select groups from locations such as Africa, New Guinea, Australia, North and South America, and the Pacific Islands. Prerequisite: Must have completed ANTH 101 or ANTH 201 or GEOG 106.

ANTH 439 Selected Topics in Cultural Anthropology 3
Topic to be selected by the instructor and will reflect student needs. May be repeated to a maximum of six credits. Prerequisite: Must have completed 40 or more credits including one of the following: ANTH 101 or ANTH 201 or ANTH 202 or instructor approval.

ANTH 440B Archaeology of the Great Basin 3
Examines the prehistory of the Great Basin region, including the Paleoindian, Archaic periods, and later prehistoric occupations. Explores what kinds of data archaeologists use to construct culture histories and the environmental and social factors that influenced prehistoric patterns. Prerequisite: Must have completed 40 or more credits including one of the following: ANTH 101 or ANTH 201 or ANTH 202 or instructor approval.

ANTH 458 Origins of Inequality: A Cross-Cultural Perspective 3
This course explores the nature of social inequality in multiple cultural contexts including how inequality emerged in human history across time and space, and how it is expressed in different contemporary cultural contexts. Prerequisite: Must have completed ANTH 101 or ANTH 201 or ANTH 202 or GEOG 106 or SOC 101.

ANTH 459 Selected Topics in Archaeology 3
Topic to be selected by the instructor and will reflect student needs. May be repeated to a maximum of six credits. Prerequisite: Must have completed 40 or more credits including one of the following: ANTH 101 or ANTH 201 or ANTH 202 or instructor approval.

Art

ART 100 Visual Foundations 3
A beginning art class that includes a survey of art and the basic components of design. The class explores visual concepts as they relate to the history of art through class presentations, discussions, and a variety of media. Students should plan for three hours of studio work outside the class.

ART 101 Drawing I 3
A disciplined foundation in drawing concepts based on visual observation skills.

ART 102 Drawing II 3
A continuation of ART 101. Prerequisite: Must have completed ART 101.

ART 106 Jewelry I 3
Techniques of various metal construction for jewelry. Emphasis on design and craftsmanship.

ART 107 Design Fundamentals I (2-D) 3
Explores the fundamentals of design using various media focusing on 2-D design.

ART 108 Design Fundamentals II (3-D) 3
Creative design with emphasis on volume and space relationships in a variety of materials.

ART 111 Beginning Ceramics 3
Introductory and intermediate course in beginning ceramics. May repeat course up to six credits.

ART 115 Beginning Clay Sculpture 3
Introduction to design and creation of sculpture with clay..

ART 124 Introduction to Printmaking 3
Introduction to the traditional printmaking processes. [S/U].

ART 127 Watercolor I 3
Introduction to watercolor techniques and concepts. Requires three hours of studio practice weekly.

ART 135 Photography I 3
Analytical and critical approaches to the creative possibilities of photography including basic photographic techniques and materials.

ART 141 Introduction to Digital Photography 3
An introduction to the aspects of digital photography. Explores how to improve photographic skills and integration of photography and the digital media.

ART 142 Introduction to Digital Photography II 3
A continuation of Digital Photography. Employs further investigation of the digital media and current version of Photoshop. Repeatable up to six credits. Prerequisite: Must have completed ART 141.

ART 160 Art Appreciation 3
Introduction to the visual arts, illustrating the place of art in its social and cultural setting.

ART 201 Life Drawing I 3
Introduction to drawing from live models. Prerequisite: Must have completed ART 101.

ART 206 Jewelry II 3
Continued exploration of creating jewelry using various techniques.

ART 211 Ceramics I 3
A beginning studio course in construction and decoration of clay. Slab, coil, and wheel-thrown techniques will be taught.

ART 212 Ceramics II 3
Continuation of ART 111 with emphasis on development of individual expression in clay.

ART 216 Sculpture I **3**
Introduction to sculpting techniques and concepts.

ART 227 Watercolor II **3**
Continued exploration of watercolor techniques and concepts.

ART 231 Painting I **3**
Exploration of various painting media and concepts.

ART 232 Painting II **3**
Continuation of exploration of painting techniques and concepts. Prerequisite: Must have completed ART 231.

ART 235 Photography II **3**
Lecture/study with emphasis on improving basic and intermediate skills. Explores the use of photography as a personal expression. Prerequisite: Must have completed ART 135.

ART 243 Digital Imaging I **3**
Introduction to computer based imaging.

ART 260 Survey of Art History I **3**
Presentation of the historical context of major and minor works of art from the ancient world to the Renaissance, art analysis, and criticism. Prerequisite: Must have completed ENG 100 or ENG 101 or have satisfactory score in ACT or SAT exams for ENG 102.

ART 261 Survey of Art History II **3**
A continuation of Survey of Art History I presenting major and minor works of art from the Renaissance to the present, art analysis, and criticism. Prerequisite: Must have completed ENG 100 or ENG 101 or have satisfactory score in ACT or SAT exams for ENG 102.

ART 297 Field Study **1-3**
A study of art in its cultural and historical setting. May repeat course up to six credits.

ART 299 Special Topics in Studio Art **1**
Consideration of special topics and issues in art. Selection will depend upon current interests and needs. May repeat course up to 12 credits. [S/U].

Astronomy

AST 101 General Astronomy **3**
An introductory examination of the solar system, stellar systems, and stellar and galactic evolution according to currently accepted concepts. Introduces astronomical instruments and light theory. Prerequisite: Must have completed with a C or better or be currently enrolled in: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher.

Biochemistry

BCH 400 Introductory Biochemistry **4**
A comprehensive overview of the three major areas in Biochemistry. Structure and function of Biomolecules, Metabolism, and Molecular Biology. Prerequisite: Must have completed BIOL 190 and CHEM 242 or have completed BIOL 190 and be enrolled in CHEM 242 with instructor's permission.

Biology

BIOL 100 General Biology for Non Majors **3**
Basic biological concepts, interpretation and application of scientific methods, and effects of biological advances on society. Core curriculum science course; cannot be used for credit toward field of concentration in biology. Prerequisite: Must have completed with a C or better or be currently enrolled in: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher.

BIOL 105 Introduction to Neuroscience **3**
An introduction to neuroscience and the impact of neural diseases on society. Same as PSY 105.

BIOL 124 Northeastern Nevada Plants **2**
Study of plant identification, structure, floral adaptations, and plant ecology of native plants in northeastern Nevada

BIOL 190 Introduction to Cell and Molecular Biology **4**
Structure and function of cells. Major molecules of life; composition and physiology of cellular organelles; cell metabolism, reproduction, motility, and gene function of both plant and animal cells. Required for biology majors. Concurrent enrollment in a corresponding lab section is required for this course. Prerequisite: Must have completed with a C or better: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher; or be currently enrolled in MATH 116 or MATH 120 or MATH 126 or higher.

BIOL 191 Introduction to Organismal Biology **4**
The study of the evolution, ecology, and diversity of life, both past and present. Required for biology majors, but will partially satisfy the science requirement for all associate's degrees. Concurrent enrollment in a corresponding lab section is required for this course. Prerequisite: Must have completed BIOL 190.

BIOL 223 Human Anatomy and Physiology I **4**
The morphology and physiology of cells, tissues, and the integumentary, skeletal, muscular, and nervous systems in a laboratory and lecture class. Designed for all life science majors but specifically for students in allied health programs. Concurrent enrollment in a corresponding lab section is required for this course. Prerequisite: Must have completed or be enrolled in BIOL 100 or BIOL 190.

BIOL 224 Human Anatomy and Physiology II **4**
A continuation of Biology 223 with consideration of the circulatory, respiratory, digestive, excretory, endocrine, and reproductive systems; increased emphasis on body chemistry. Concurrent enrollment in a corresponding lab section is required for this course. Prerequisite: Must have completed BIOL 223.

BIOL 251 General Microbiology **4**
A laboratory and lecture course emphasizing taxonomy, morphology, physiology, infectious diseases, and ecology of microorganisms in addition to skills in aseptic procedures, isolation, and identification. Open to all life science majors and allied health majors. Prerequisite: Must have completed BIOL 100 or BIOL 190.

BIOL 299 Special Topics in Biology **1-4**
Topics of interest emphasizing the natural history of the Great Basin including winter bird watching, hawk watching in the Goshutes, small mammal ecology, and the flowers of the Ruby Mountains. Includes field trips. Unlimited repeatability.

BIOL 300 Principles of Genetics **4**
Study of the basic principles of transmission of traits from one generation to the next. Topics include Mendelian, population, and molecular genetics with an emphasis on gene regulation. Both eukaryotic and prokaryotic systems will be described. Three hours of lecture with three hours of laboratory. It is recommended that student have completed CHEM 241 before enrolling in this course. Concurrent enrollment in a corresponding lab section is required for this course. Prerequisite: Must have completed BIOL 190 and CHEM 122 and STAT 152 and be sophomore or higher standing.

BIOL 305 Introduction to Conservation Biology **3**
Fundamental topics in conservation biology including biodiversity, invasive and endangered species, reserve design, and environmental legislation. Lecture only. Prerequisite: Must have completed BIOL 190 or BIOL 191.

BIOL 315 Cell Biology **3**
Cell structure and function at the molecular level. Prerequisite: Must have completed BIOL 190 and CHEM 122.

BIOL 320 Invertebrate Zoology **4**
The study of animals that lack a dorsal nerve cord (backbone). This course explores the origin, evolution, taxonomy, physiology, and morphology of invertebrate members of the kingdom of Animalia. The laboratory component of this course emphasizes the similarities and differences of animal phyla and requires examination and dissection of preserved specimens. Concurrent enrollment in a corresponding lab section is required for this course. Prerequisite: Must have completed BIOL 190 and BIOL 191 and be sophomore standing or higher.

BIOL 331 Plant Taxonomy 3
The study of vascular plant identification, naming, and classification, within an evolutionary context. Evolutionary processes and the history of systematics will be discussed. Laboratory experiences will emphasize angiosperm family characteristics, the collection and preservation of plant specimens, and the identification of the northeastern Nevada flora. The course will require two hours of lecture with three hours of laboratory per week. Prerequisite: Must have completed BIOL 190 or BIOL 191.

BIOL 341 Principles of Ecology 3
The fundamentals of ecology studied at the levels of population, community, and ecosystems. Prerequisite: Must have completed BIOL 190 and STAT 152.

BIOL 394 Laboratory in Ecology and Population Biology 2
Research techniques and investigative approaches in field and laboratory studies. Prerequisite: Must have completed BIOL 191 and STAT 152 and be enrolled in or have completed BIOL 341.

BIOL 401 Biology Journal Seminar 1
Survey of periodical literature of biology. Oral and written reports by the student will give experience in searching and interpreting literature. May be repeated up to six credits. Prerequisite: Must have completed BIOL 191.

BIOL 410 Plant Physiology 3
A survey of the basic physiologic processes of plants. Topics include photosynthesis, metabolism, nutrition, growth and development, as well as effect of environment on these processes. It is recommended that student have completed CHEM 241 before enrolling in this course. Prerequisite: Must have completed BIOL 190 and BIOL 191 and CHEM 122 and be sophomore standing.

BIOL 415 Evolution 4
Pattern and process in the evolution of life on earth. Prerequisite: Must have completed ENG 102 and BIOL 190 and (BIOL 300 or BIOL 341) and be in junior or senior standing.

BIOL 432 Herpetology 4
Introduction to the ecology, behavior, and evolution of amphibians and non-avian reptiles. Laboratory emphasizes the study of diagnostic characters for major groups of amphibians and reptiles, as well as field studies of species native to the Great Basin region. Prerequisite: Must have completed BIOL 191.

BIOL 434 Mammalogy 4
The study of mammals. This course explores the origin, evolution, taxonomy, morphology, physiology, biogeography, behavior, and ecology of mammals. Laboratory will stress identification and natural history of mammals native to Nevada. Prerequisite: Must have completed BIOL 190 and BIOL 191 and be sophomore standing or higher.

BIOL 447 Advanced Comparative Animal Physiology 3
Comparative physiology provides a detailed understanding of the diverse array of physiological systems evolved to allow animals to function in various environments. The comparative approach is used to understand physiological adaptations to various environments and the evolution of physiological systems. It is recommended that student have completed CHEM 241 before enrolling in this course. Prerequisite: Student must have completed BIOL 190 and BIOL 191 and CHEM 122.

BIOL 496 Advanced Topics in Modern Biology 1-3
Advanced study in a specialized area of biology. Topics are selected and published in the class schedule. May be repeated up to six credits. Prerequisite: Must have completed BIOL 190 or BIOL 191. Instructor permission required.

Business

BUS 101 Introduction to Business 3
A one-semester survey course covering business organization, operation, and management, designed to orient the student to the field of business.

BUS 102 Introduction to Entrepreneurship 3
Course serves as the foundation for the GBC Associate of Applied Science--Entrepreneurship Emphasis degree program. Introduces techniques, principles, and challenges facing today's entrepreneurs using practical examples. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

BUS 110 Human Relations for Employment 1-3
Introduces students to the principles and skills of effective communication in business and professional settings. It provides information on how to communicate with superiors, co-workers, subordinates, clients, and customers. Three-credit course includes a computation component. Repeatable up to a total of three credits. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

BUS 117 Business Calculations and Methods 3
Fundamental arithmetic processes applied to business activities and applications. Including discounts, markups, payroll, interest, annuities, present value of money, depreciation, tax computations, business statistics, and general application of mathematics for planning and problem solving using algebraic equations/graphics and other basic forecasting techniques. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

BUS 198 Special Topics in Business 1-3
Selected business topics offered for general interest and the business community. Not a required course. May be repeated for credit if topics are different.

BUS 201 Entrepreneurship II 3
Extends techniques, principles, and challenges facing today's aspiring entrepreneurs using practical examples. The major project for the course is the preparation of a useful business plan, instructions on acquiring financing, and explanations of other business startup activities, especially, setting up marketing programs and strategic/tactical plans. Recommended prerequisite: BUS 102 or MGT 103. Prerequisite: Must have completed BUS 101 or BUS 102.

BUS 273 Business Law I 3
A study of the origin, philosophy, and nature of law and procedures including court systems, contracts, agency, partnerships, sales, criminal law, and torts.

BUS 274 Business Law II 3
A continuation of BUS 273. Includes a study of corporation law, property, secured transactions, negotiable instruments, insurance, and bankruptcy. Prerequisite: Must have completed BUS 273.

BUS 275 Foundations of International Business 3
Introduces students to the impact of geography, the Internet, and different environments in which international business is conducted and the uncontrollable forces at work in all business environments. Topics discussed will include the importance of international organizations, the international monetary system, and the relevance of certain aspects of international business to managers and business people.

Computer Aided Drafting and Design

CADD 121 CAD for Land Surveyors 3
The use of computer-aided drafting (CAD) software to create survey plats and topographic maps. The first ten weeks of instruction will focus on learning basic CAD commands. The remaining five weeks will focus on the production of typical survey plats and topographic maps.

CADD 245 Solid Modeling and Parametric Design 3
Provides training and instruction in using parametric solid modeling software to create solid model parts, assemblies and working drawings. Students will have the opportunity to acquire the CSWA certificate for Solidworks.

CADD 421 Advanced CAD for Land Surveyors 3
The use of computer-aided drafting (CAD) software to create survey plats and topographic maps. Instruction will focus on learning COGO tools, the Command Prompt, traverse with Carlson SurvNet, use deed data to create a deed file, perform deed correlation with field data, create and edit

lots and areas and generate lots and setbacks, setup Field to Finish codes and generate 2D and 3D geometry, and utilize various critical coordinate file utilities. Instructor permission required.

Chemistry

CHEM 100 Molecules and Life in the Modern World 3
Introduction to chemistry in its many forms and applications, physical and organic, with consideration of environmental and social issues. Includes laboratory activities. Prerequisite: Must have completed with a C or better: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher; or be currently enrolled in MATH 116 or MATH 120 or MATH 126 or higher.

CHEM 121 General Chemistry I 4
Fundamentals of chemistry including reaction stoichiometry, atomic structure, chemical bonding, molecular structure, states of matter, and thermochemistry. Prerequisite: Must have completed MATH 126 or MATH 126E or higher; or be enrolled in MATH 126.

CHEM 122 General Chemistry II 4
Fundamentals of chemistry including solutions, kinetics, equilibria, thermodynamics, electrochemistry, nuclear chemistry, and properties of inorganic and organic compounds. Also, introduction to qualitative analysis. Prerequisite: Must have completed CHEM 121.

CHEM 241 Organic Chemistry I 3
Intensive introduction to the theory of carbon chemistry with particular emphasis on understanding the relationship between the structure and behavior of organic molecules. Prerequisite: Must have completed CHEM 122 and be enrolled in CHEM 241L.

CHEM 241L Organic Chemistry for life Sciences Lab I 1
Laboratory exercises in introductory organic chemistry. Stereochemistry, separation and purification techniques, micro-scale organic reaction procedures. Prerequisite: Must be enrolled in CHEM 241.

CHEM 242 Organic Chemistry II 3
Continuation of CHEM 241 with emphasis on complex reactions and mechanisms, and introduction to advanced approaches for the synthesis of organic molecules. Prerequisite: Must have completed CHEM 241 and be enrolled in CHEM 242L.

CHEM 242L Organic Chemistry for Life Sciences Lab II 1
Laboratory exercises in intermediate organic chemistry with continued emphasis on micro-scale organic reaction procedures. Introduction to the identification of organic compounds using chemical and instrumental means (qualitative analysis). Prerequisite: Must be enrolled in CHEM 242.

CHEM 292 Selected Topics in Chemistry 1-3
Independent study of a special problem, research and/or assigned reading in chemistry. May be repeated up to six credits.

CHEM 392 Special Topics in Chemistry 1-3
Laboratory or lecture course in area not covered in other courses. May be repeated up to six credits.

CHEM 492 Advanced Topics in Chemistry 1-2
Selected topics from the various disciplines of chemistry not covered by any other course offerings and of current interest to students and faculty. May be repeated up to four credits. Prerequisite: Must have completed CHEM 242.

Computer and Information Technology

CIT 110 A+ Hardware 3
Techniques of personal computer hardware maintenance and installation. Course covers hardware and software diagnostics, system troubleshooting, and methods of achieving effective system upgrades to enhance capabilities or improve system performance.

CIT 112 Network + 3
Course covers computer network infrastructure, network uses, and basic network management issues. CIT 112 has no prerequisite but assumes that students are familiar with computer hardware, have a basic understanding of stand-alone operating systems, and can use applications software. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CIT 129 Introduction to Programming 3
A first course in programming. Offers an introductory course on computer program design and development. Emphasizes identification and solution of business problems through the use of logic development tools and scripting languages. Prerequisite: Must have completed MATH 126 or higher.

CIT 130 Beginning Java 3
Java is a general-purpose, object-oriented programming language best known for, but not limited to, creating applets to run on the Internet. This course will include applet creation, but the primary emphasis will be on general purpose object-oriented programming. Prerequisite: Must have completed CIT 129.

CIT 151 Beginning Web Development 3
Create and maintain web pages using HTML. Build interactive web pages using dynamic HTML. Topics include images, tables, frames, CSS styles, forms, FTP, and site maintenance.

CIT 152 Web Script Language Programming 3
A continuation of CIT 151, Beginning Web Development. This programming class creates interactive web pages using technologies such as JavaScript, SQL, and server-side programming language. Prerequisite: Must have completed CIT 129 and CIT 151.

CIT 173 Linux Installation and Configuration 3
Course covers Linux installation, configuration, and workstation operating system concepts.

CIT 174 Linux System Administration 3
Covers concepts required for Linux server system administration and common networking services configuration, operation, and management. There is no formal prerequisite, however, CIT 173 or a basic understanding of either the UNIX or Linux workstation environment is recommended.

CIT 180 Database Concepts and SQL 3
This class is targeted for people with little or no SQL knowledge. The objective of this class is to familiarize students with database concepts that will be needed by programmers as well as professionals maintaining data management systems in such as those used in GIS. The class is accented with hands-on learning in Structured Query Language (SQL) and SQL procedures. CIT 129 recommended but not required.

CIT 198 Special Topics in Computer Info Technology 1
Various short courses and workshops covering a variety of subjects in computer and information technology. The course will be variable credit depending on the class content and number of hours required to cover that content. No prerequisites, but various skills may be recommended depending on class content, see syllabus for any such recommendations. Unlimited repeatability. [S/U] This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CIT 201 Word Certification Preparation 3
A hands-on course building on the foundation laid in COT 151 and continuing on to sophisticated manipulation of word processing software. Topics include tables, graphic boxes, clip art, desktop publishing, fonts, macros, styles, and spreadsheets. Recommend: COT 151. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CIT 202 Excel Certification Preparation 3
In-depth exploration of Excel spreadsheets. Topics include advanced functions, importing and exporting data, multiple tables and workbooks, pivot tables, macros, and VBA. Team and student projects are conducted. Prerequisite: Must have completed IS 201. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CIT 203 Access Certification Preparation 3

In-depth exploration of Access database management. Topics include tables, relationships, queries, forms, and reports. Macros, VBA modules, and web pages are created. Team and student projects are conducted in building and maintaining a database. Access 2007 required. Prerequisite: Must have completed IS 201. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CIT 211 Microsoft Networking I 3-5
Course covers MS Windows workstation/client operating systems concepts in both a network and stand alone environment.

CIT 212 Microsoft Networking II 3-5
Introduces students to computer network server administration and management using MSMCSE II. CIT 211 or an advanced understanding of a Windows desktop environment is recommended.

CIT 213 Microsoft Networking III 3-5
Teaches strategies and tactics for implementing, administering, and troubleshooting information systems that incorporate Windows NT Server or Windows 2000 Server in an enterprise computing environment. Prerequisite: Must have completed CIT 212.

CIT 214 Microsoft Networking IV 3-5
Course covers computer network directory services using Microsoft's Active Directory Services. Prerequisite: Must have completed CIT 212.

CIT 215 Microsoft Networking V 3-5
Various topics in networking using Microsoft products aimed at the less common MCSE electives. Unlimited repeatability. Prerequisite: Must have completed CIT 212.

CIT 217 Security + 3
Prepares professionals with some networking experience and who possess a thorough knowledge of TCP/IP to take and pass the CompTIA Security + certification exam. Topics will include general security basics of cryptography and operational/ organizational security. Working knowledge and network servers or associated certifications would be considered essential.

CIT 252 Web Database Development 3
Interactive web pages will be built to accomplish store front applications. Storefront software will be used to produce shopping cart applications with product display, shopping cart, check out, and confirmation web pages along with several databases. Prerequisite: Must have completed IS 201 or CIT 151 or CIT 129 or CIT 203 or GRC 188.

CIT 261 VBA Programming for Microsoft Office 3
Visual Basic for applications involves programming inside Microsoft Office, Word, Excel, and Access. This is the most common type of programming in today's work world and creates more interactivity in the office software. Prerequisite: Must have completed CIT 129 or CIT 202 or CIT 203.

CIT 263 Project Management 3
The purpose of this course is to help students gain the knowledge required to effectively plan, implement, and complete IT projects across the organization. Topics will include business practices, interpersonal skills, and management process.

CIT 264 Operating System Security 3
Covers a full range of security concepts, techniques, and applications as required by server operating systems and networks. This will include VPNs, authentication, encryption, and patching. It will culminate in discussions of monitoring, auditing, and disaster recovery. Recommended prerequisite: CIT 212 or CIT 173. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CIT 280 Introduction to Blockchain Concepts 3
Introduction to Blockchain is a course building the foundations to blockchain technology, which is a type of distributed ledger technology: what blockchain is, how blockchain was developed, how blockchain works, and the primary issues, challenges, and opportunities blockchain faces. Students will engage in hands-on work, such as contextualized coding exercises, to lay a strong foundation for post-secondary education in blockchain development. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CIT 303 Intermediate Survey of Computing 3
This course surveys essential concepts in a wide range of computing fields including database management, GIS, graphic communications, networking, and programming required by managers of computing systems and departments. This class assumes students understand at least one area of computing well then builds on that understanding to provide them with a survey of additional computing technologies that IT managers could reasonably be expected to facilitate and supervise. Prerequisite: Must have completed an AAS degree and COT 204.

CIT 361 TCP/IP: Managing Network Resources 3
Course provides in-depth coverage of TCP/IP concepts, protocols, and programming including IPv6. Prerequisite: Must have completed (CIT 112 or CIT 303) and MATH 116 or higher.

CIT 454 E Commerce 3
eCommerce concepts and topics will be examined. Working eCommerce sites will be developed on the Internet. Prerequisite: Must have declared AAS - Web Specialist Emphasis or have completed COT 301 or CIT 303.

CIT 480 SQL Database Design and Implementation 3
This course covers concepts required to design, implement, and administer a database management system for use in a modern organization. The emphasis will be on database structures, logical and physical data organization, the relational database model, development of stored programs, and database administration. Prerequisite: Must have completed CIT 180.

Comprehensive Medical Imaging

CMI 350 Ultrasound Physics and Instrumentation 4
Principles of acoustical physics, Doppler Ultrasound and ultrasound instrumentation. Prerequisite: Must be admitted into the Sonography Program.

CMI 351 Abdominal Ultrasound 3
Recognition and identification of the sonographic appearance of normal anatomical structures, disease processes, pathology, and pathophysiology of the abdomen. Prerequisite: Must be admitted into the Sonography Program.

CMI 352 Obstetric Ultrasound 3
Recognition and identification of the sonographic appearance of normal maternal, embryonic, and fetal anatomical structures and obstetric disease processes, pathology, and pathophysiology. Prerequisite: Must be admitted into the Sonography Program.

CMI 353 Gynecologic Ultrasound 3
Recognition and identification of the sonographic appearance of normal anatomical structures of the female pelvis and gynecological disease processes, pathology and pathophysiology. Prerequisite: Must be admitted into the Sonography Program.

CMI 354 Vascular Ultrasound 1-3
Students will learn basic anatomy, physiology, pathophysiology and Doppler patterns of the human vascular system as it relates to basic sonographic vascular imaging. Prerequisite: Must be admitted into the Sonography Program.

CMI 366 Abdominal Ultrasound II 2
Continue development of skills in recognition and identification of the sonographic appearance of normal anatomic structures, disease processes, pathology, and pathophysiology of the abdomen. Prerequisite: Must be admitted into the Sonography Program.

CMI 376 Sectional Anatomy in Medical Imaging 3
This online course will cover transverse, coronal, and sagittal anatomy of the head, neck, thorax, abdomen, pelvis, and extremities. Areas of discussion include skeletal, muscular, circulatory, respiratory, nervous. lymphatic, and visceral anatomic relationships. Prerequisite: Must have completed BIOL 223 or EMS 204 or instructor permission.

CMI 378 Small Parts Ultrasound 1
Recognize and identify sonographic appearance of normal anatomic structures, disease processes, pathology, and pathophysiology of anatomic small parts including, thyroid, scrotum, breast and other. Prerequisite: Must be admitted into the Sonography Program.

CMI 400 Introduction to Clinical Imaging Experience 2
Students will be oriented to the clinical site and begin participating in basic sonographic scanning procedures under sonographer supervision. 120 hours of clinical experience will be required at an assigned clinical site. Prerequisite: Must be admitted into the Sonography Program.

CMI 486 Diagnostic Medical Imaging Clinical Experience I 9
Clinical applications of instrumentation, quality control, patient care and performance of diagnostic medical sonography procedures under the direction or observation of a clinical sonographer. Prerequisite: Must have completed CMI 350 and CMI 351 and CMI 353 with a 'C' or higher.

CMI 487 Diagnostic Medical Imaging Clinical Experience II 7
Continuation of clinical hours to build clinical applications of instrumentation, quality control, patient care and performance of diagnostic medical sonography procedures under the direction or observation of a clinical sonographer. Prerequisite: Must have completed CMI 486 with a 'C' or higher.

CMI 488 Diagnostic Medical Imaging Clinical Experience III 10
Continuation of clinical hours to build clinical applications of instrumentation, quality control, patient care and performance of diagnostic medical sonography procedures under the direction or observation of a clinical sonographer. Prerequisite: Must have completed CMI 487 with a 'C' or higher.

CMI 491 Sonography Review Topics 1
Review sonographic concepts, scanning techniques, imaging procedures, anatomy, pathology and pathophysiology. Prerequisite: Must be admitted into the Sonography Program.

CMI 492 Comprehensive Medical Imaging Capstone 3
This course utilizes knowledge and experience gained from comprehensive medical imaging and general education courses to develop links between scholastic and professional experiences. This course will emphasize leadership, fiscal and personal responsibilities, and prepare students for a successful transition into the professional workforce. Prerequisite: Must be admitted into the Sonography Program.

Communications

COM 101 Oral Communication 3
Introduction to the fundamentals of effective speaking. Develops the vocal and intellectual skills required for effective and powerful speaking in conversation and before an audience.

COM 113 Fundamentals of Speech Communication 3
Principles and theories of speech communication. Participation in public speaking and interpersonal communication activities.

COM 159 Writing for Radio and Television 3
An introduction to basic script formats, terminology, style, and writing techniques for radio, television, and other electronic media. Topics include commercials, promotions, public relations, instruction/training, corporate video, and teleplays. Develops the ability to write aurally as well as visually.

Computer Office Technology

COT 101 Computer Keyboarding I 3
Learn the keyboard by touch using computers. Course covers alphabet keys, number keys, and symbol keys. Emphasis on keyboarding techniques, speed, and accuracy.

COT 151 Introduction to Microsoft Word 3
An introduction to Microsoft Word, a word processing software, ruler, toolbars, dialog boxes, cut, copy, and paste, autocorrect, spell check, template documents, columns, outlines, merge, clip art, graphics, text art, and tables. Recommended: COT 101 or 30 words per minute keyboarding skill.

COT 198 Special Topics in Computer Office Technology 1-6
Various short courses and workshops covering a variety of subjects. The class will be variable credit of one to six depending on the class content and number of hours required. No prerequisite, but various skills recommended, depending on class content. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

COT 204 Using Windows 3
The fundamentals necessary to operate the Windows system, how to customize the Windows environment, and how to use the various accessories.

COT 240 Executive Office Procedures 3
Introduces skills and knowledge to meet the challenges of the electronic office. Topics include public relations, written and oral communications, telephone techniques, travel and conference arrangements, records management, meeting planning, and job-seeking/selection.

COT 241 Medical Office Procedures 3
Introduces medical office administrative procedures. Topics include appointment processing, written and oral communications, ethics, confidentiality, HIPAA, medical records, patient orientation and safety. Upon completion, students should be able to perform basic administrative skills within the medical environment. Emphasis on developing human relations and customer service skills.

COT 290 Internship in Computer Technology 1-6
A course designed wherein students will apply knowledge and skills to real on-the-job situations in a program designed by a company official and a faculty advisor to maximize learning experiences. Available to students who have completed most Core and Major requirements and have a 2.5 GPA. Contact the instructor for the application, screening, and required skills evaluation. Up to six semester hour credits may be earned on the basis of 75 hours of internship for one credit. This course may be repeated for up to six credits. Instructor permission required.

COT 301 Database Management Essentials 1
A working overview of Access database. The main emphasis will be on analyzing previously established data, using table searches, queries, and reports. Excel will be used for further data analysis. A discussion of table design will be included. Students will start work on individual portfolios of their achievements during this degree program. [S/U] Prerequisite: Must have completed an AAS degree.

COT 490 Digital Communications 3
A capstone seminar covering the common theme of data communications among the BAS in Digital Information Technology courses. Relationships between data organization, digital multimedia, data presentation, data security, and data communications will be covered. Students will finalize the digital portfolio of their accomplishments while completing this degree program. Instructor permission required.

Counseling and Personal Development

CPD 116 Substance Abuse - Fundamental Facts and Insights 3
An introduction to various issues relating to alcohol, tobacco, and other drugs in society. Students will gain knowledge of the physical effects of various drugs of abuse. Sociological, cultural, family impact, and prevention issues will be addressed. No prerequisite.

Criminal Justice

CRJ 104 Introduction to Administration of Justice 3
American criminal justice system, its development, components, and processes. Includes consideration of crime and criminal justice as a formal area of study.

CRJ 105 Corrections Operations and Jail Management 3
Investigations will be made into the court structures, constructive and punishment-oriented correctional institution programs, and the present day correctional officers' roles. Jail and prison life and adjustment will be discussed along with ways in which the correctional institution climate can be enhanced. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be trans-

ferable for other baccalaureate degrees in Nevada.

CRJ 106 Introduction to Corrections 3
History and development of corrections. Current practices and problems of the correctional system. Recommend: CRJ 104.

CRJ 110 Introduction to Nevada Law Enforcement 3
This course provides a systematic approach to examination of criminal justice in the State of Nevada. It will also include an overview of the major subsystems: police, prosecution, defense, courts, corrections, and juvenile justice. Designed for students who will be attending the Law Enforcement Training Academy. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CRJ 111 Firearms I 3
Laws of arrest, search, and seizure; moral, legal, and ethical aspects of the use of deadly force; firearm handling and safety, range nomenclature, marksmanship, and qualification. [S/U] This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CRJ 112 Criminal Justice Organization and Administration 3
Theory of management and motivation, bureaucracy, labor laws and relations, financial administration, and criminal justice agency administration. An in-depth study of the goals, policies, and functions of the criminal justice agency. Recommend: CRJ 104.

CRJ 114 Firearms II 2
Course includes advanced range qualification, precision marksmanship, defensive measures, counter ambush procedures, combat shooting, robbery in progress, building searches, and shotgun use. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CRJ 120 Community Relations 3
Analyzes the reasons and techniques for developing communication and understanding between the criminal justice system and various segments of the community. Recommend: CRJ 104.

CRJ 140 Elements of Supervision 3
An introduction to supervisory roles in criminal justice agencies, selection process for supervisors, models for decision making, and leadership styles. Addresses current trends in contemporary supervision within the criminal justice field. Covers the rights, obligations, and duties of line supervisors. Assesses the first-line supervisor's role within the law enforcement agency. Instructor permission required.

CRJ 155 Juvenile Justice System 3
Study of the philosophy and function of the juvenile court including court procedures and law, theories of causation and intervention strategies for juvenile offenders. Includes police encounters with juveniles, the juvenile court process, juvenile dispositions, and after care. Discussions include dependent and neglected youth in the system, the death penalty for juveniles, and school crimes. Recommend: CRJ 104.

CRJ 164 Introduction to Criminal Investigation 3
Forensic Science I - The Crime Scene to Follow Up. Fundamentals of investigation, crime scene search and recording, collection and presentation of physical evidence, scientific aids, sources of information, case preparation, interviews and interrogations, and follow-up. Recommend prerequisite: CRJ 104 or instructor permission.

CRJ 170 Physical Training for Law Enforcement 1
P.O.S.T. pretest. Physical training relevant to a law enforcement profession to prepare for the final physical training test. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CRJ 180 Introduction to Security 3
History and development of security services function, interrelationship to the legal process, career roles, and operational processes in various types of security organizations. Recommend: CRJ 104.

CRJ 201 Women in the Criminal Justice System 3
Overall view of both sides and the roles in which women participate in the Criminal Justice System. The main concentration of the course will be in the following areas: theories of female criminality, extent of female crime, women as victims, women as offenders, women as defendants and prisoners, and women as practitioners and professionals, i.e., police, courts, and corrections. Prerequisite: Must have completed CRJ 104 or instructor permission.

CRJ 211 Police in America 3
Course includes policy history and organization, the personal side of policing, police operations, critical issues in policing, specific police problems, women and minorities in policing, and becoming a police officer. Designed to help students develop their own philosophy of law enforcement. Critical thinking and discussion of ideas and opinions essential. Recommend: CRJ 104.

CRJ 214 Principles of Police Patrol Techniques 3
Identification of community problems which require prevention, suppression, or control through the basic methods and techniques of police patrol. The responsibilities of officers in patrol situations including foot beats, one-man cars and/or tactical units, techniques of observation and perception, recognition of hazards, evaluation, and proper police patrol action. Recommend: CRJ 104.

CRJ 215 Probation and Parole 3
Survey of the probation and parole systems of the United States including different systems within the United States; executive clemency; parole; rights of prisoners, probationers, and parolees; treatment strategies; and administrative aspects. Includes correctional and professional aspects of the parole and probation officers: the role, preparation of a probation summary, a day in court with a probation officer, and time with a parole officer. Recommend: CRJ 104.

CRJ 219 Emergency Vehicle Operation and Control 3
Shuffle steering, steering motion dynamics, and vehicle braking (lockwheel, ABS, impending). Pursuit driving times (vehicle timing) and techniques. Measurement of hearing and tunnel vision. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CRJ 220 Criminal Procedures 3
Origin, development, and rationale of the structural and procedural aspects of America's criminal justice system. Emphasis on arrest, search and seizure, confessions, and related legal issues. Prerequisite: Must have completed CRJ 104 or instructor permission.

CRJ 226 Prevention and Control of Delinquency 3
An introduction to major types of delinquent behavior, psychology of the delinquent, and factors contributing to the production of criminality or delinquency. Discussion of methods used by the criminal justice system to control delinquent behavior. Recommend: CRJ 104.

CRJ 229 Defensive Tactics 1-3
Protection against persons armed with dangerous and/or deadly weapons. Demonstration and drill in a number of holds, come alongs, restraints, and baton use. [S/U] This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CRJ 230 Criminal Law 3
Substantive criminal law including elements of crime, intent, attempts, search and seizure, and the laws of arrest. Relation of criminal law to working police officer and rights and duties of both citizen and officer under criminal law. Prerequisite: Must have completed CRJ 104 or instructor permission.

CRJ 232 Principles of Correctional Administration 3
Principles of staff operation within the correction process; administration setting, budgeting and financial control, recruitment and development

of staff, public relations, and decision making; information concerning the offender, why they classify in a certain manner, and varied strategies available. Prerequisite: Must have completed CRJ 104 or instructor permission.

CRJ 233 Nevada Criminal Law 3
Familiarizes the CRJ student with Nevada Criminal Law as set forth in the Nevada Revised Statutes and as interpreted and tested in cases before the Nevada Courts. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CRJ 265 Introduction to Physical Evidence 3
Forensic Science II - The Crime Lab to Courtroom. Surveys the forensic sciences to show their role in the use of physical evidence in matters of criminal and/or civil law. Focus on the value of modern scientific investigation. Recommended prerequisite: CRJ 104 or instructor permission.

CRJ 270 Introduction to Criminology 3
Examines how society interacts with crime and delinquency through the use of the criminal justice system. Studies effective interaction and communication between the general public and members of the criminal justice system. Emphasizes the understanding of criminal behavior from a sociological and psychological perspective. Prerequisite: Must have completed CRJ 104 or instructor permission.

CRJ 285 Special Topics in Criminal Justice 1-6
Consideration of special topics and issues in criminal justice. Selection will depend upon current interests and needs. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CRJ 289 Law and Justice 3
Survey of law and justice from a multi-disciplinary perspective with special emphasis on comparative justice systems, race, ethnicity, and gender. Prerequisite: Must have completed CRJ 104 or instructor permission.

CRJ 444 Criminological Theory 3
Comprehensive interdisciplinary examination of theories of criminal etiology from neurological, biochemical, genetic, psychological, psychiatric, social, economic and political perspectives. Prerequisite: Must have completed CRJ 270 and ENG 102, or instructor approval.

CRJ 469 Psychology and the Legal System 3
Psychological perspective for understanding legal issues. Topics include police psychology, eyewitness accuracy, jury decision-making, competency to stand trial, criminal responsibility, civil commitment, violence risk assessment, correctional psychology, criminal psychology profiling, and psychological impact of victimization. Prerequisite: Must have completed CRJ 104 and PSY 101, or instructor approval.

Computer Science

CS 135 Computer Science I 3
This course is an introduction to modern problem solving and programming methods. Emphasis is placed on algorithm development. A special focus will be on procedural and data abstraction, emphasizing design, testing, and documentation. Prerequisite: Must be enrolled in or have completed MATH 126 or MATH 126E or higher.

Cisco

CSCO 120 CCNA Introduction to Networks 3-4
This course introduces architectures, models, protocols, and networking elements. It uses the OSI and TCP layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. Students learn IP addressing, foundational network security, and basic configurations for routers and switches.

CSCO 121 CCNA Switching, Routing, and Wireless Essentials 3-4
This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and switch for basic functionality. Students will configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, and single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. Prerequisite: Must have completed CSCO 120 with a 'C' or better.

CSCO 130 Fundamentals of Wireless LANs 4
An intensive introduction to wireless LANs which focuses on the design, planning, implementation, operation and troubleshooting of wireless LANs. This hands-on lab-oriented course stresses documentation, design, and installation issues, as well as lab safety, on-the-job safety, and working effectively in a group environment. This course will help prepare students for the Cisco Wireless LAN Support Specialist Designation. Prerequisite: Must have completed CSCO 121 with a 'C' or better. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CSCO 220 CCNA Enterprise Networking, Security, and Automation 3-4
This course describes the architecture, components, and operations of routers and switches in a larger and more complex network. Students learn how to configure a router and a switch for advanced functionality. Students will configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. Prerequisite: Must have completed CSCO 121 with a 'C' or better.

CSCO 221 CCNA WAN Fundamentals 3-4
This course discusses the WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students will also develop the knowledge and skills needed to implement IPSec and virtual private network (VPN) operations in a complex network. Prerequisite: Must have completed CSCO 220 with a 'C' or better.

CSCO 230 Fundamentals of Network Security 4
This course is designed to prepare students for entry level certification in network security. The course is an introduction to network security and overall security processes. This course teaches students to design and implement security solutions to reduce the risk of revenue loss and network vulnerability. Prerequisite: Must have completed CSCO 121. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

CSCO 480 CCNP Route 4
This course prepares the student with the knowledge and skills necessary to use advanced IP addressing and routing in implementing scalability for routers connected to LANs and WANs. This course is recommended preparation for the CISCO CCNP Certification Exam, ROUTE. Prerequisite: Must have completed CSCO 221 or instructor approval.

CSCO 482 CCNP Switch 4
This course prepares the student with the knowledge and skills necessary to implement scalable multilayer switched networks. This course includes topics and Campus Networks, describing and implementing advanced Spanning Tree concepts, VLANS and Inter-VLAN routing, High Availability, Wireless Client Access, Access Layer Voice concepts, and minimizing service Loss and Data Theft in a Campus Network. This course is recommended preparation for the CISCO CCNP Certification Exam, SWITCH. Prerequisite: Must have completed CSCO 480 or instructor approval.

CSCO 484 CCNP Troubleshoot 4
This course teaches the student how to monitor and maintain complex, enterprise routed and switched IP networks. Skills learned include the planning and execution of regular network maintenance, as well as support and troubleshooting using technology-based processes and best practices, based on systematic and industry recognized approaches. Extensive labs emphasize hands-on learning and practice to reinforce troubleshooting techniques. This course is recommended preparation for the CISCO CCNP Certification Exam, TSHOOT. Prerequisite: Must have completed CSCO 480 and CSCO 482.

Dance

DAN 188 Choreography I: Improvisation for Composition 2
An introduction to the creative process of dance making using improvisation. Unlimited repeatability.

Drafting and Design

DFT 100 Basic Drafting Principles 1-4
An introduction to manual drafting procedures including lettering; geometric constructions; orthographic projection; dimensioning sections; auxiliary views; and metric, architectural, and engineering techniques.

Diesel Technology

DT 100 Shop Practices (.5-4)
An introduction to hand tool identification and proper use, shop safety, and other topics including screw thread, hydraulic hose, and fitting identification. Also covers measuring devices. Prerequisite: Must have been accepted into the Diesel Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 101 Basic Diesel Engines 1-6
A review of basic engine operation with an emphasis on operating principles, nomenclature, components, and design, and terminology. May be repeated up to 18 credits. Prerequisite: Must have completed DT 100 and a 10-hour OSHA course, and a grade of 'C' or higher in all previous DT or IT courses or have been accepted into the Diesel Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 102 Basic Vehicle Electronics 1-9
A lecture and laboratory course study of AC and DC electricity as used in mobile equipment. Emphasis on charging systems, starting systems, lighting systems, and wiring diagrams. Troubleshooting and repairing of electrical components, electronic controls systems, and voltage drops analysis will be covered. May be taught in modules. Prerequisite: Must have completed DT 100 and a 10-hour OSHA course, and a grade of 'C' or higher in all previous DT or IT courses or have been accepted into the Diesel Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 105 Mobile Air Conditioning 1-5
A lecture and laboratory course covering heating and refrigeration theory. Includes heating and air conditioning components, control systems, service evacuation, charging, overhaul, and replacement of major components. Prerequisite: Must have completed DT 100 and a 10-hour OSHA course, and a grade of 'C' or higher in all previous DT or IT courses or have been accepted into the Diesel Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 106 Heavy Duty Transmissions and Power Trains 1-8
The theory and operation of heavy equipment power trains will be covered in detail with emphasis on power shift transmissions. Students will become familiar with driveline angle calculations, gear ratios, clutches, differentials, and transmission electronic control systems. May be repeated up to eight credits. Prerequisite: Must have completed DT 100 and a 10-hour OSHA course, and a grade of 'C' or higher in all previous DT or IT courses or have been accepted into the Diesel Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 113 Hydraulics I 3
Introduces basic hydraulic systems through component recognition, circuit reading, and practical application focused on hazard recognition. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 114 Hydraulics II 3
Explains the function, operation, and application of components in a hydraulic system. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 115 Hydraulics III 2
Explains the testing and troubleshooting of hydraulic system components using leak path analysis. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 116 Hydraulics IV 2
Hydraulics IV will explain the testing and troubleshooting of the components in a hydraulic system in circuit using leak path analysis. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 118 Electrics I 3
An introductory course. The first in a series of courses to study electricity as related to mobile heavy equipment. Basic DC and AC electricity is covered in theory and reinforced with laboratory experiments. Ohm's Law, magnetism, and electrical component and system identification are covered. Electrical safety and hazard recognition are emphasized. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 119 Electrics II 3
The second in a series of electrical courses emphasizing mobile heavy equipment electrical systems. Electrical component disassembly, testing, and maintenance are covered. Lighting, relays, circuit breakers, wiring diagrams, and battery testing are discussed and reinforced through laboratory work. Electrical safety and hazard recognition are also covered. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 201 Diesel Brakes and Pneumatics 3
The principles of pneumatic brake systems are discussed in detail, with emphasis on cam-operated brakes. Pneumatic brake valves, schematic drawings, and foundation brake troubleshooting will be included in this technical course. Prerequisite: Must have completed DT 100 and a 10-hour OSHA course, and a grade of 'C' or higher in all previous DT or IT courses or have been accepted into the Diesel Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 202 Diesel Fuel Systems and Troubleshooting 1-6
The theory and operation of diesel fuel injection systems will include Cummins PT, Caterpillar, Detroit Diesel, and Robert Bosch fuel systems. Governor operation and fuel system troubleshooting will be discussed. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 203 Diesel Shop Management 2
Designed to give students experience in the management of an equipment repair shop. Each student is required to estimate repair orders, calculate taxes, and deal with customers and employees. The course objectively evaluates what is needed to operate an equipment repair business. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 215 Electronic Diesel Engines 1-9
Designed to give individuals knowledge of electronic diesel engine controls as they apply to major diesel engine manufacturers. Emphasis is placed on engine sensors, electronic injection systems, and engine operating systems. No prerequisite but students having experience with

diesel engines and basic electronics will find it helpful. Course may be taught in modules. Prerequisite: Must have completed DT 100 and DT 101 and DT 102 and a 10-hour OSHA course, and a grade of 'C' or higher in all previous DT or IT courses or have been accepted into the Diesel Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

DT 299 Special Topics in Diesel Mechanics 1-10
A special topics course in Diesel Technology to serve a variety of needs. Topics are determined by the course instructor. Unlimited repeatability.

Early Childhood Education

ECE 121 Parent Caregiver Relationships 1
A course designed for child development students in which they can acquire various communication skills to enhance parent/caregiver relationships. Covers interpersonal communication, listening skills, and cooperative problem solving. Newsletters, parent conferences, phone conversations, record keeping, and student data folders will be addressed.

ECE 123 Health and Nutrition for Young Children 1
A study of young children concerning physical development, nutrition, health, safety, and childhood illnesses and diseases. Skills developed in selecting safe equipment, evaluating environments, and ensuring good health routines.

ECE 126 Social & Emotional Development for Infants and Toddlers 3
Study of effective development in infancy and toddlerhood. Emphasis is placed on experiences and techniques or use in the home and child care setting which will foster self-concept and social interactions for children from birth to three years of age.

ECE 127 Role of Play for Infants and Toddlers 1-3
Study of the role of play as it affects the social, emotional, and physical and intellectual growth and development of infants and toddlers.

ECE 130 Infancy 3
Course studies social, emotional, language, and sensorimotor development in infancy. Emphasis is placed on facilitating optimum infant and toddler development.

ECE 151 Math in the Preschool Curriculum 1
Activities and materials for developing mathematics readiness in the preschool.

ECE 152 Science in the Preschool Curriculum 1
Activities and materials for teaching science in the preschool.

ECE 154 Literature for Preschool Children 1
Survey of books for use with preschool children. Techniques of storytelling and reading to children.

ECE 156 Music in the Preschool Curriculum 1
Activities and materials for teaching music in the preschool. Songs, dances, and rhythm activities for use with preschool children.

ECE 157 Art in the Preschool Curriculum 1
Activities and materials for teaching art in the preschool. Emphasis on developing creativity and enjoyment of art through a wide range of materials and activities.

ECE 158 Activities for Physical Development in Young Children 1
Activities, materials, and equipment for developing gross motor coordination in preschool children including individual, small group, and large group activities for both indoor and outdoor use.

ECE 161 Social Studies and the Young Child 1
Emphasizes activities and materials for teaching social studies in the preschool. Drawn from anthropology, economics, geography, history, political science, sociology, and psychology. (Formerly ECE 161, Social Studies in the Preschool Curriculum).

ECE 167 Child Abuse and Neglect 1
Provides the opportunity for students to learn the legal definitions, symptoms, causes, and reporting procedures of child abuse and neglect. The class will include discussion of the roles and responsibilities of community agencies such as law enforcement, social services, child care personnel, medical and/or psychosocial professionals.

ECE 168 Infectious Diseases and First Aid in Child Care 1
Provides information about infectious diseases and first-aid measures in child care settings. Course content will include recognizing communicable and acute illnesses, management of accidents and injuries, preventive measures, health education, current research, and community resources.

ECE 190 Professionalism in Early Care and Education 3
Focuses on professional issues in Early Childhood Education including ethical guidelines and other professional guidelines and standards related to practice; professional organizations and activities; principles of effective leadership and advocacy for young children and for the profession; and relevant public policy at the local, state, and national levels.

ECE 198 Special Topics in Early Childhood Education .5-6
Various short courses and workshops covering a variety of subjects in Child Development. Class is variable in credit depending on class content and number of hours required. Unlimited repeatability.

ECE 200 The Exceptional Child 3
This course focuses on the characteristics, training, and educational needs of children with disabilities including children who are gifted. It explores the existing educational agencies, programs, and instructional methods designed for children with disabilities.

ECE 204 Principles of Child Guidance 3
A study of effective communication with children in guiding behavior. Emphasis will be placed on techniques which help children build positive self-concepts and individual strengths within the context of appropriate limits and discipline. The study includes uses of direct and indirect guidance techniques as well as introduction to guidance systems.

ECE 210 Observation, Documentation, & Assessment of Young Children 3
This course focuses on how to observe, document, and assess the growth and development of young children in early care and education settings. Students learn and practice a variety of appropriate observation techniques, documentation methods, and assessment strategies and tools. Students are introduced to the goals, benefits, and uses of assessment for young children. Confidentiality and assessment partnerships with families and other professionals are also explored. Prerequisite: Must have completed ECE 200 and ECE 204 and ECE 250 and ECE 251. Prerequisite: Must have completed ECE 200 and ECE 204 and ECE 250 and ECE 251.

ECE 231 Preschool Practicum: Early Childhood Lab 6
Working in a preschool setting with young children under the supervision of a master teacher, planning and implementing activities. Practicum will normally be taken during the final year of the child development program. Law requires a TB test prior to enrollment. Prerequisite: Must have completed ECE 250 and ECE 251 and ECE 262.

CE 232 Practicum: Infant and Toddler 3-4
The student works directly with infants or toddlers in a supervised facility. The student is responsible for the environment, activities, and routine of the children, and reports and evaluates the experiences with the practicum supervisor. Prerequisite: Must be a declared ECE infant/toddler major. Instructor permission required.

ECE 235 Adapting Curricula for Young Children with Special Needs 3
This course focuses on adapting typical early childhood curricula to meet the needs of infants, toddlers, and preschoolers with special needs. Prerequisite: Must have completed ECE 200 and ECE 250. Prerequisite: PR: Must have completed ECE 200 and ECE 250.

ECE 250 Introduction to Early Childhood Education 3
Introduces students to early childhood education. Course deals with the total preschool program including types, objectives, philosophy, curriculum, physical plant, and equipment, as these aspects of the program relate to the needs and interests of the preschool child
.

ECE 251 Curriculum in Early Childhood Education 3
This course will consist of methods of planning and teaching curriculum for children three to five years old. Included will be curriculum develop-

ment, children's play, lesson planning, and daily scheduling. Emphasis on art, science, literature, music, language, blocks, dramatic play, etc. Prerequisite: Must have completed ECE 250.

ECE 262 Early Language and Literacy Development 3
Course focuses on the four areas of Language Arts: speaking, listening, reading, and writing. Through a hands-on and interactive approach, students will explore the process of combining quality practices with specific materials and strategies focused on language and literacy development. In addition, students will examine the fundamentals of oral language and literacy-rich environments supported by the knowledge, skills, and dispositions that are predictive of later success in learning to read and write. Prerequisite: Must have completed ECE 250.

ECE 441 Play Theory, Creativity, & Aesthetics in ECE 3
This course will focus on current theories of play interpretation, examination of the nature of creative expression, and use of materials and activities to support the aesthetic domain of young children. Prerequisite: Must have completed ECE 250 and ECE 251 and ECE 262.

ECE 453 Methods in ECE I: Social Science 3
This course will focus on social studies in early childhood education. Students will review the philosophical backgrounds of the Early Childhood Movement: growth, development, and learning patterns of children, birth through 5 years of age. Strategies of teaching and evaluating young children and reporting growth and development to parents will also be examined. Prerequisite: Must have completed ECE 200 and ECE 250 and ECE 251 and ECE 262.

ECE 454 Methods in ECE II: Math & Science 3
This course will focus on the examination of curriculum areas (e.g. math, science, nutrition, and safety) and planning, implementation, and evaluation of activities. An emphasis will be placed on developmentally appropriate materials and learning experiences and working with special populations within the parameters of the curriculum. Prerequisite: Must have completed ECE 200 and ECE 250 and ECE 251 and ECE 262.

ECE 461 Early Childhood Education Management 3
This course will focus on the examination of managerial principles, skills, knowledge, and philosophy required of administrators of early childhood programs. This course also investigates basic principles involved in establishing and operating learning centers for young children. Prerequisite: Must take ECE 200 and 204 and 210 and 250 and 251 and HDFS 202.

ECE 483 Pre-Student Teaching Capstone 3
This course will prepare students for ECE 493 Supervised Internship in an approved early childhood setting. The focus of the seminars will include the development of a portfolio focused on NAEYC's Six Processional Standards and Competencies to include program planning, implementation, guidance, and working with families. Prerequisite: Prerequisite: Program Supervisor and Teaching Education Committee Approval.

ECE 493 Supervised Internship in ECE 1-12
Working in a preschool setting with young children under the supervision of a master teacher, planning and implementing activities. Practicum will normally be taken during the final year of the child development program. Law requires a TB test prior to enrollment. Prerequisite: Must have completed the ECE AA and be authorized to student teach in ECE by the Teacher Education Committee by applying by Sept. 15 or Feb. 15 the preceding semester.

Economics

ECON 101 National/Global Economics and Financial Literacy 1
Study of the basics of national and global markets. Discussion and analysis of financial literacy components.

ECON 102 Principles of Microeconomics 3
Study of the causes and effects of individuals' choices among alternative uses of scarce resources. Topics include supply and demand analysis, price determination, theories of various market structures, competition and coordination, labor, the role of profit and interest, and government involvement in the economy.

ECON 103 Principles of Macroeconomics 3
Basic price and quantity relationships, study of monetary systems and policy, inflation, production and growth, recession, unemployment, fiscal policy, supply and demand perspectives, international exchange, and governmental-market relationships.

ECON 104 Current Economic Issues 3
Analysis of current economic issues and their relevance to individuals in their roles as consumers, workers, businessmen, and voters. Economic theories and concepts are utilized in explaining important social interaction relating to such topics as medical care, anti-trust policy, price controls, drug prohibition, environmentalism, tax policy, public debt, and income distribution.

ECON 261 Principles of Statistics I 3
This course emphasizes the application of statistical methods for prediction and decision making in economics and management. This course will cover basic concepts in descriptive and inferential statistics. This course provides tools and techniques needed for students to design and implement empirically managerial and economic studies, to interpret and evaluate estimation results and justify conclusions by focusing on probability distributions and theory, data presentation and analysis, regression analysis and hypothesis testing.

ECON 295 Special Topics in Economics 1-3
Various short courses and workshops covering a variety of topics. This course will be variable credit of one-to-three credits depending on the course content and number of hours required. The course may be repeated for up to six credits.

ECON 307 Environmental Economics 3
An application of the principles of marginal analysis and economic reasoning to the environment. Differing perspectives on issues relating to ownership, property rights, preservation incentives under different scenarios, the Coarse theorem, trade-offs among human values, distributional effects of varying uses of scarce resources, and differing public policy issues. Prerequisite: Must have completed an associate's degree.

ECON 365 Labor Economics 3
An application of economic theory relating to labor issues. Topics include determination of wage and employment levels, worker cartels, fringe benefits, subsistence wages, minimum wage laws, living wage laws, unemployment compensation, fairness in wage distribution, the division of labor, and tenure systems. Prerequisite: Must have completed an associate's degree.

Education Career and Technical

EDCT 439 General Methods of Teaching CTE 3
Designed for direct involvement in solving teaching and learning problems in career and technology education and occupational-vocational education. Emphasis is placed upon developing appropriate strategies for managing the classroom and occupational/industrial laboratory environment. Prerequisite: Admission to the Teacher Education Program or Business/Industry Endorsement. Corequisite: EDSC 315 or Business/Industry Endorsement.

EDCT 447 Curriculum Development in CTE3
Course will provide students the opportunity to research and develop curriculum dealing with content and procedures for career and technical education programs.

EDCT 463 Teaching Secondary Business Education 3
Designed for students who intend to pursue a career in teaching business subjects at the high school level. The major purpose of the course is to familiarize the student with the curriculum materials and teaching strategies which are unique to teaching business subjects. Business education is explored through the development of curricular materials and instruction procedures, including assessment and evaluation procedures. Prerequisite: Must be admitted into Teacher Education Program and be enrolled in EDSC 315.

EDCT 471 Career and Technical Student Organizations 3
Designed for students who intend to pursue a career teaching in the field of career and technical education at the middle/high school level. Familiarizes students with the benefits of student organizations and how to organize and manage a student organization in their particular field. Satisfies one of the requirements for the business and industry endorsement.

EDCT 490 Cooperative Career and Technical Programs 3

Provides students with an understanding of the role, organization, and implementation of cooperative and applied or work-based vocational programs.

Education Elementary

EDEL 311 Elementary Methods Practicum I 1-3
The first in a sequence of clinical and field experience courses. Students participate in field experiences and then reflect on what they have observed and learned. Students will spend approximately 15 hours observing in the public schools. [S/U] Prerequisite: Must be enrolled in EDU 250.

EDEL 313 Elementary Methods Practicum II 1-3
The second in a sequence of clinical and field experiences. Students will spend approximately 25 hours observing in the public schools. The portfolio and admission process is explained. May be taken two different semesters. [S/U] Prerequisite: Must be enrolled in EDUC 406.

EDEL 315 Elementary Methods Practicum III 1-3
The third in a sequence of clinical field experiences. Students will spend 30 to 60 hours observing and teaching in public schools. May be repeated up to six credits. [S/U] Prerequisite: Must be admitted into the Teacher Education Program and be enrolled in EDEL 433 or EDEL 443 or EDEL 453 or EDRL 442 or EDRL 443.

EDEL 331 Teaching Elementary School Art 3
Art education in the elementary schools. Meets state licensing requirements. Prerequisite: Must have completed ENG 102 and MATH 120 and EDU 250.

EDEL 433 Methods for Teaching PK-8 Mathematics 3
Course prepares prospective elementary teachers in the area of mathematics education. Students in this course will explore cognitive theories of development, methods, materials, and content of mathematics in the elementary grades. Curriculum changes that have taken place and current research in the area of mathematics education will be explored. Prerequisite: Must have been admitted into the Teacher Education Program and be enrolled in EDEL 315.

EDEL 443 Methods for Teaching PK-8 Science 3
Course provides pre-service teachers with the theory, research, and best classroom practice related to science education. Students will be introduced to some of the materials, methods, and reasons for helping elementary children understand, perform, and appreciate science. Students will analyze the behavior of model teachers in elementary school classrooms and apply their acquired knowledge and skills by teaching elementary age students. Prerequisite: Must be admitted into the Teacher Education Program and have completed EDU 214 and be enrolled in EDEL 315.

EDEL 453 Methods Teaching PK-8 Social Studies 3
Course focuses on integrating a number of subject areas into the curriculum. Explores the scope and sequences of understandings, attitudes, and skills taught in elementary social studies programs. Examines various methodologies used. A variety of teaching strategies will be explained and demonstrated for work with a diverse array of students in society. Prerequisite: Must have been admitted into the Teacher Education Program and be enrolled in EDEL 315.

EDEL 483 Elementary Supervised Teaching Internship 1-16
A semester teaching experience approved by the Teacher Education Committee. Each student will have a placement for 16 weeks. Policies and procedures are detailed in the Student Teaching Handbook. Prerequisite: Must be admitted into the Teacher Education Program and be enrolled in EDEL 491. Instructor permission required.

EDEL 491 Elementary Education Capstone Seminar 1-3
Addresses ethical, professional, and substantive issues in the teaching profession. This course forms the bridge between theory and practice where teaching skills can be analyzed, discussed, and refined: and professional competency can be assessed and achieved through professional collaboration and reflective practice. Prerequisite: Must be admitted into the Teaching Internship program and be enrolled in EDEL 483 or EDSP 495. Instructor permission required.

Education

EDES 300 Language Arts & Literature, PK-3 3
This course will focus on learning and instruction in reading, writing, oral language, literature for preschool through kindergarten. Must have completed: ECE 250, ECE 251 and ECE 262. Prerequisite: Must have completed ECE 250 and ECE 251 and ECE 262.

Education Reading & Literature

EDRL 437 Teaching Reading 3
A concentration on the developmental aspects of reading and language arts programs from PK to eighth grade. Involves theoretical and research knowledge pertinent to child growth and development and also to fundamental skills appropriate for the teaching of reading and language arts, especially reading skills and phonetic skills.

EDRL 442 Literacy Instruction I 3
Designed to help pre-service teachers view reading, writing, listening, and speaking from a holistic, integrated perspective. The course emphasizes content, teaching methods, and strategies specifically related to analyzing the language acquisition and development of children. The relationship between literacy, language arts, and other curricular areas will be explored. Prerequisite: Must have been admitted into the Teacher Education Program and be enrolled in EDEL 315.

EDRL 443 Literacy Instruction II 3
Designed to help pre-service elementary teachers understand and apply current research and best practices in teaching reading, writing, listening, and speaking from a holistic, integrated perspective. The course emphasizes the relationship between literacy, language arts, and other curricular areas, as well as teaching methods and strategies specifically related to language arts. Content area reading, selection and use of appropriate materials, resources, and technologies will be addressed. Prerequisite: Must have been admitted into the Teacher Education Program and be enrolled in EDEL 315.

EDRL 471 Theory and Practice for Academic English Language Development 3
This course addresses first and second language acquisition; language development universals and differences; English language structure and its particular challenges for the learner of a new language; English phonology (sounds), morphology (word formation), syntax (sentence formation), semantics (word meaning), and pragmatics (word choice); grammatical instruction and error analysis; and the writing process for English Language Learners. The course will also include the role of culture in language acquisition, evidence based practices for academic ELD, and approaches and models of instruction.

EDRL 474 Methods & Curriculum for Teaching English Language Learners 3
Provides systematic instruction to help ELL students (1) adjust to school; (2) acquire English for self-help and for extended interaction; and (3) develop English for extended learning. This course includes an analysis of standard second language tests for diagnosis, placement, and teaching of ELL students using WIDA standards and research-based practices.

EDRL 475 Assessment & Evaluation of English Language Learners 3
Includes an analysis of standard second language tests and development and evaluation of teacher-generated instruments for placement, diagnosis, and teaching second language learners.

EDRL 477 Policies, Critical Issues, & Best Practices for ELLs - Practicum 3
This three-credit course will aim to familiarize students with historical and current issues and cultivate students' skill in the design and implementation of instruction and assessment for English Learners (ELs). Students will be expected to demonstrate their in-depth understanding of academic literacy for ELs through practicum experiences.

Education Secondary

EDSC 311 Secondary Methods Practicum I 1-3
First in a sequence of field and clinical experience courses in a secondary classroom. Students work in middle-level or high school classrooms to develop skills working with students and implementing instructional plans. Students will spend approximately 15 hours observing in the public schools. Class may be repeated up to a total of three credits. [S/U] Prereq-

uisite: Must be enrolled in EDU 250.

EDSC 313 Secondary Methods Practicum II 1-3
Second in a sequence of field and clinical experience courses in a secondary classroom. Students will observe approximately 25 hours of the middle-level or high school classrooms. The portfolio and admission process is explained. Class may be repeated up to a total of three credits. [S/U] Prerequisite: Must be enrolled in EDUC 406.

EDSC 315 Secondary Methods Practicum III 1-3
The third and final course in a sequence of field and clinical experience courses. Students will spend 30-60 hours at the middle-level or high school classroom. Students will be expected to work toward completion of the requirements for their portfolio project. Taken in conjunction with content area methods course. Class may be repeated up to a total of three credits. [S/U] Prerequisite: Must be admitted into Teacher Education Program and be enrolled in EDSC 473 or EDSC 463 or EDSC 453 or EDSC 433 or EDCT 463 or EDCT 439.

EDSC 407 Interdisciplinary Integrated Curriculum Secondary Education 3
Examines the relationship between literacy skills and learning the context area. Students will focus on developing literacy skills to promote better learning in the content area as well as guide students to better interpret, analyze, evaluate, and communicate in the world around them. Ideas and literacy, mathematics, the process of reading and writing, and specific pedagogical strategies will be considered. The course will also include problem-solving approaches, planning curriculum, and analyzing techniques to evaluate a variety of content area resources. The course will ask students to analyze and reflect upon personal experience as a reader, a writer, and a problem solver. Prerequisite: Must have completed EDUC 323 and EDUC 406.

EDSC 433 Teaching Secondary English 3
Designed to prepare students to teach English at the 7-12 grade levels. The course will consist of three hours of lecture and a one hour lab each week. Course objectives are aligned to the INTASC teaching standards. The course is premised upon the assumption that effective teachers combine an awareness of theory with ongoing research into effective practices, as well as continual reflection upon their own teaching. Students will also design objectives which reflect the Nevada State English standards and which integrate the various components of the Language Arts Curriculum. Students will develop and implement lessons and effective assessments based upon those objectives. Prerequisite: Must be admitted into Teacher Education Program and be enrolled in EDSC 315.

EDSC 453 Teaching Secondary Mathematics 3
Course examines the methods, materials, teaching techniques, and strategies unique to mathematics education. Emphasis is placed on the pre-algebra, algebra, and geometry curriculum; classroom organization; test construction and evaluation; use of audio-visual materials and equipment. Prerequisite: Must be admitted into Teacher Education Program and be enrolled in EDSC 315.

EDSC 463 Teaching Secondary Science 3
Course will give students a broad perspective on science education from its historical development to current issues and trends, and will introduce methods of curriculum design, assessment techniques, instructional strategies, and other areas important in equipping successful science teachers. Practical material will be developed that may be used as resources in future science teaching situations. Prerequisite: Must be admitted into Teacher Education Program and be enrolled in EDSC 315.

EDSC 473 Teaching Secondary Social Studies 3
Designed to provide undergraduate students in secondary education with an overview of the methods, assessment techniques, materials, curriculum, and activities used to teach social studies. The course is intended to help students acquire a repertoire of planning and instructional skills necessary for teaching social studies. Prerequisite: Must be admitted into Teacher Education Program and be enrolled in EDSC 315.

EDSC 483 Secondary Supervised Teaching Internship 1-16
The Supervised Internship provides the student with the opportunity to experience, in depth, the full role and meaning of teaching in a school setting. Experiences include planning and organizing for instruction, developing classroom teaching competencies and skills, evaluating pupil progress, participating in extracurricular activities, working with special school personnel, and utilizing school and community resources in the instructional program. Prerequisite: Must be admitted into the Teaching Internship program and be enrolled in EDSC 491. Instructor permission required.

EDSC 491 Secondary Education Capstone Seminar 3
Addresses ethical, professional, and substantive issues in the teaching profession. This course forms the bridge between theory and practice where teaching skills can be analyzed, discussed, and refined; and professional competency can be assessed and achieved through professional collaboration and reflective practice. Prerequisite: Must be admitted into Teacher Internship program and be enrolled in EDSC 483. Instructor permission required.

Special Education

EDSP 301 Education of the Exceptional Child 3
A survey of the special education area for majors and non-majors, designed to acquaint the student with the special needs of learners categorized under all areas of exceptionality. Introduces methods for identifying, planning, and working effectively with exceptional children in the regular classroom. Emphasis on etiology, physical, and educational characteristics. The pre-service teacher is taught to recognize and refer exceptional learners for assessment, as well as design and implement individualized programs, instructional strategies, and classroom management strategies.

EDSP 434 Community and Family Integration for the Transition of Individuals with Special Needs 3
The purpose of the course is to provide students with the understanding of theory, principles, procedures, and legal requirements for working toward collaborative partnerships among families, professionals, students, and other stakeholders to meet the transitional needs of the individual student with a disability. Also focuses on the importance of parent involvement with the individual student.

EDSP 441 Characteristics and Inclusive Strategies for Students with Mild and Moderate Disabilities 3
Provides an overview of educational laws/practices that influence the identification, placement, and instruction of students with mild to moderate disabilities. Instructional practices will include academic accommodations, social skills, and classroom management. Prerequisite: Must have taken EDSP 301.

EDSP 443 Special Education Curriculum: General Methods 3
Special instructional methods for students with mild to moderate disorders. Includes instruction in IEP goals and objectives. Prerequisite: Must have completed EDSP 301 and be enrolled in EDSP 484.

EDSP 452 Assessment for Special Education Teachers 3
Formal and informal methods of assessing students with disabilities: academic, language, motor, perception, and social skills. Interpretation of assessment and application to program needs. Prerequisite: Must have taken EDSP 301.

EDSP 453 Behavior Management and Social-Emotional Learning in the Classroom 3
Developing, implementing, and evaluating, behavior management techniques, including social-emotional and academic development for general and special education classrooms. Focus will also include assessment and intervention into problem behaviors. (This aligns with a recent course change in EDSP 453 from UNR.) Prerequisite: Must have completed EDSP 301 and be enrolled in EDSP 485.

EDSP 464 Intensification of Instruction through Multi-tiered Systems of Support 3
Specific training in (a) implementation of Multi-tiered Systems of Support intervention models and (b) identification of evidence-based strategies and interventions to support students identified as at-risk or with disabilities. Prerequisite: Must have completed EDSP 301 and EDSP 453.

EDSP 484 Special Education Practicum: Elementary Level 1
Clinical and Field Experience in an elementary special education setting. Students will spend approximately 25 hours observing and in a special education setting in the public schools. [S/U] Prerequisite: Must have completed EDSP 301 and be enrolled in EDSP 443.

EDSP 485 Special Education Practicum: Secondary Level 1
Clinical and Field Experience in a secondary special education setting. Students will spend approximately 25 hours observing and teaching in a special education setting in the public schools. [S/U] Prerequisite: Must have completed EDSP 301 and be enrolled in EDSP 453.

EDSP 495 Student Teaching Internship in Special Education 8-14
Student Teaching Internship. Prerequisite: Must be admitted into the Teacher Education Program and be enrolled in EDEL 491. Instructor permission required.

Education

EDU 120 School Law in Nevada 1
Designed to acquaint prospective teachers with the legal aspects of the school setting in Nevada and examines historical development of paramount issues in contemporary education. Also emphasizes legal aspects of emerging educational patterns and meets state licensing requirements. [S/U].

EDU 210 Nevada School Law 2
Historical development of paramount issues in contemporary education. Emphasizes legal aspects of emerging educational patterns. Meets state licensure requirements in Nevada School Law. [S/U].

EDU 214 Preparing Teachers to Use Technology 3
Lab course on advanced skills and strategies for integrating technology into the K-12 classroom. Computer experience is required in word processing, basic spreadsheet design, and file management..

EDU 250 Foundations of Education 3
A foundations course in education and introduction to the philosophy, history, and sociology of modern education. Emphasis is placed on current trends in education. Prerequisite: Must have completed ENG 100 or ENG 101 and be enrolled in EDEL 311 or EDEL 313 or EDSC 311 or EDSC 313.

EDU 282 Strategies for Effective Substitute Teaching 1
Specialized instruction designed to develop understanding of a current aspect of education. Maximum of three credits which may be applied as elective credit hours toward a degree. [S/U].

EDU 295 Education Topics: Subtitle Varies 1-6
Special topics in education. Unlimited repeatability. [S/U].

Education

EDUC 323 Curriculum Design for Family Engagement 3
Includes planning for family engagement including families from diverse backgrounds in learning-centered environments, preparing lesson plans, preparing a professional portfolio, and understanding the Nevada Academic Core Standards.

EDUC 406 Curriculum and Assessment Education 3
Course covers the range of assessments used in elementary schools. Students learn to administer and interpret standardized or norm referenced tests, create appropriate criterion-referenced assessments, portfolios, performance tasks with data-collection, and record-keeping strategies for reporting student academic progress. Nevada Curriculum Standards and state testing instruments will be studied. Prerequisite: Must be enrolled in EDEL 313 or EDSC 313.

EDUC 470 Multicultural Education for a Diverse Society 3
This course explores identity, culture, and multiculturalism for educators. Special emphasis is placed upon the understanding of race and ethnicity and the interconnectedness of race and ethnicity with other aspects of diversity, including, but not limited to, geographic origin, residency status, language, socioeconomic status, sex, gender identity or expression, sexual orientation, religion, spirituality, age, physical appearance and disability. Students will review cognitive theory for culturally responsive teaching, examine culturally responsive instructional materials, design curricula, and explore effective assessments.

EDUC 497 Education Workshop Project 1-3
Specialized instruction designed to develop in-depth understanding of current/emerging aspect in education. Unlimited repeatability.

Electrical Instrumentation Technology

EIT 233 Introduction to Instrumentation 3-4
Successful completion of this course will provide the student with an understanding of the concepts of instrumentation as used in industry and why the accompanying skills are an exciting and highly sought after trade. Common pneumatic and electronic instruments that are used to control processes in refineries, power plants, mines, and most manufacturing facilities will be discussed. Prerequisite: Must have been accepted into the Instrumentation Technology Program.

EIT 240 Advanced Topics in Instrumentation 2
Focuses on some of the more specialized instrumentation systems found in industry such as analyzers, weight scales, and wireless systems. Analyzer applications for pH, CO, CO2, NOx, SO2, HCN, and conductivity are becoming more critical to plant processes for environmental reasons. Weight scales are necessary for raw material accounting and inventory. Wireless systems are increasingly demonstrating their usefulness in low cost installations as security issues are resolved. Prerequisite: Must have completed EIT 233 or have been accepted into the Instrumentation Technology Program.

EIT 315 Pressure, Level, Flow Measurement 4
Exploration of the physics of pressure, level, and flow. Calculations are derived from formulas that pertain to fluids and solids and used to configure instruments for the purpose of process control. The types of instruments that are presented in this course are found in every industry that produces or manufactures a product. Labs will consist of configuring and calibrating instrumentation to precise standards based on the theory learned in the class lecture. Prerequisite: Must have completed EIT 233 or have been accepted into the Instrumentation Technology Program.

EIT 323 Installation and Configuration 3
Provides students with an understanding and practical application of safe and efficient methods of installation and maintenance of process instrumentation. Includes instrument piping, electrical wiring, and mechanical structures as related to physical, chemical, electrical, hydraulic, and pneumatic processes. Configuration of control loop elements is included with detailed exercises on 'live' trainers. Prerequisite: Must have been accepted into the Instrumentation Technology Program.

EIT 333 Process (Piping) and Instrument Diagrams 3
P&ID drawings are integral to understanding how manufacturing process works. P&IDs are the prelude to loop diagrams and other various schematics. All of these drawings are used by technicians for troubleshooting, wiring, and tubing. AutoCAD drafting basics are required to develop P&ID and loop drawings. Prerequisite: Must have completed EIT 233 or have been accepted into the Instrumentation Technology Program.

EIT 336 Control Valves and Regulators 4
The theory and operation of valves and associated pneumatic and hydraulic devices used in the control of gasses and fluids. Prerequisite: Must have completed EIT 233 and EIT 315 and EIT 323 and EIT 333 and EIT 368 or have been accepted into the Instrumentation Technology Program.

EIT 348 Temperature Measurement and Control 3
The measurement and control of industrial heat and temperature processes. Prerequisite: Must have completed an Associate of Applied Science or Certificate and EIT 315 or have been accepted into the Instrumentation Technology Program.

EIT 368 Measurement Systems Analysis 2
Designed to demonstrate the importance of accurate and reliable measurements in process control systems. Covers how to deal practically with inaccuracies and the methods to minimize the downside effects of inadequate measurement systems. Prerequisite: Must have completed EIT 233 and EIT 315 or have been accepted into the Instrumentation Technology Program.

EIT 376 CCST Exam Review 1
Fundamentals of process control and brief descriptions of individual processes and combination of processes used in industry. Theory of operation and application of associated process instruments covered. [S/U].

EIT 437 Introduction to Control Systems 3

Successful completion of this course will provide the student with an understanding of the concepts pertaining to analog control using Programmable Logic Controllers. Selection of hardware including processor architecture, input/output module wiring, programming, controller installation, and system troubleshooting. Students will learn PID control systems by utilizing PLC hardware/software in a 'live' process. Loop tuning methodology, controller feed-forward, feedback, cascade, and ratio control will be incorporated on process simulators. Prerequisite: Must have completed ELM 134 and ELM 136 and EIT 233 and EIT 315 and EIT 323 and EIT 333 or have been accepted into the Instrumentation Technology Program.

EIT 468 Advanced Control Systems 3
This course provides in-depth instruction in the design, development, and troubleshooting of programmable logic controllers (PLC), and distributed control systems (DCS) projects utilizing human machine interfaces (HMI) applications. Hands on hardware setup, programming, process monitoring and troubleshooting, and configurations of industrial networking. Prerequisite: Must have completed EIT 315 and EIT 333 and EIT 348 and EIT 437.

Electrical Theory

ELM 101 Electrical Workforce Training 1-7
The first of eight courses offered in the Electrical Workforce Training Program. Offers the student a planned educational experience in the electrical field by providing online electrical craft training, related laboratory experiences, and supervised performance task completion assessment. May be repeated for up to seven credits. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 102 Electrical Workforce Training II 1-7
The second of eight courses offered in the Electrical Workforce Training Program. Offers the student a planned educational experience in the electrical field by providing online electrical craft training, related laboratory experiences, and supervised performance task completion assessment. May be repeated for up to seven credits. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 103 Electrical Workforce Training III 1-7
The third of eight courses offered in the Electrical Workforce Training Program. Offers the student a planned educational experience in the electrical field by providing online electrical craft training, related laboratory experiences, and supervised performance task completion assessment. Unlimited repeatability. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 104 Electrical Workforce Training IV 1-7
The fourth of eight courses offered in the Electrical Workforce Training Program. Offers the student a planned educational experience in the electrical field by providing online electrical craft training, related laboratory experiences, and supervised performance task completion assessment. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 105 Electrical Workforce Training V 1-7
The fifth of eight courses offered in the Electrical Workforce Training Program. Offers the student a planned educational experience in the electrical field by providing online electrical craft training, related laboratory experiences, and supervised performance task completion assessment. Prerequisite: Must have completed ELM 104. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 106 Electrical Workforce Training VI 1-7
Sixth of eight courses offered in the Electrical Workforce Training Program. Offers the student a planned educational experience in the electrical field by providing the student with online electrical craft training, related laboratory experiences, and supervised performance task completion assessment. Prerequisite: Must have completed ELM 105. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 107 Electrical Workforce Training VII 1-7
Seventh of eight courses offered in the Electrical Workforce Training Program. Offers the student a planned educational experience in the electrical field by providing online electrical craft training, related laboratory experiences, and supervised performance task assessment. Prerequisite: Must have completed ELM 106. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 108 Electrical Workforce Training VIII 1-7
This course is the eighth of eight courses offered in the electrical Workforce Training Program. The course offers a planned educational experience in the electrical field by providing online electrical craft training, related laboratory experiences, and supervised performance task completion assessment. Prerequisite: Must have completed ELM 107. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 112 Electrical Theory, DC 1-4
The study of matter, atomic structure, electron theory, sources of electricity, and magnetism. Theory and shop application in Ohm's Law, voltage, current, resistance, and power in series, parallel, and series-parallel direct current circuits. Prerequisite: Must have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 120 Low Voltage Systems 1-3
An introduction to low voltage systems used to distribute, carry, capture, and display voice, video, audio, and data signals. Topics include entertainment (video and audio media systems), communications (telephone, fax, modem, networks, and publication address systems), life safety (access control, alarm systems, and video surveillance), environmental control (HVAC and energy management), and automation controls (residential and commercial buildings). Prerequisite: Must have been accepted into the Electrical Technology Program.

ELM 121 Circuit Design 1-3
Developing and drawing electrical diagrams and graphs using standard electrical and JIC symbols. Prerequisite: Must have completed ELM 112 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 122 AC Theory 4
Analyze AC series, parallel, and combination circuits with resistance, inductance, and capacitive elements using mathematics, measuring devices, and other test equipment. Prerequisite: Must have completed ELM 112 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 123 Solid State 1-3
Study of the theory and operation of such solid-state devices as diodes, transistors, diacs, triacs, and SCRs. Prerequisite: Must have completed ELM 122 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 124 DC Generators, Motors, and Controls 2
Theory, design, applications, and testing of direct current (DC) generators, DC motors, and the study of such DC control devices as manual starting rheostats, reduced-voltage starting mechanisms, and speed controls. Prerequisite: Must have completed ELM 122 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 125 AC Motors and Alternators 2
Theory, design, application, and testing of alternating current (AC) motors and alternators; single- and three-phase generation of alternating current; paralleling alternators; and calculating load and power factor characteristics under various load conditions. Prerequisite: Must have completed ELM 124 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 126 Motor Maintenance 2
Explores the mechanical aspects of small and larger motor disassembly and assembly; bearing, commutator, slip ring and brush care; electrical maintenance; safety planning; and variable frequency drives. Prerequisite: Must have completed ELM 125 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 127 Introduction to AC Controls .5-3
Introduction to pilot devices, wiring diagrams, ladder diagrams, and basic motor circuits. Areas of emphasis include two- and three-wire controls, parallel stop-start, and hand-off automatic controls. May be repeated up to three credits. Prerequisite: Must have completed ELM 125 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 128 Transformers and Industrial Lighting 4
Comprehensive study of the theory and operation of transformers and industrial lighting. The functions of various types of transformers and the maintenance and repair of industrial lighting systems will be emphasized. Perform the actual hookup and testing of basic single-phase and three-phase transformer connections. Observe and demonstrate proper safety and maintenance techniques and develop service wiring techniques. Prerequisite: Must have completed ELM 122 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 130 Low Voltage Systems II 3
The second of three courses offered in Low Voltage Systems. Low voltage systems are used to distribute, carry, capture, and display voice, video, audio, and data signals. Industries addressed in the course include entertainment (video and audio medial systems), communications (telephone, fax, modem, networks, and public address systems), life safety (access control, alarm systems, and video surveillance), environmental control (HVAC and energy management), and automation controls (residential and commercial buildings). Topics covered include network cabling, cabling for wireless networks, testing of voice, video and data wiring, and fiber optic systems. May be repeated up to two times. Prerequisite: Must have completed ELM 120 or have been accepted into the Electrical Technology Program.

ELM 131 National Electric Code 3
Survey of the National Electric Code and its application to the safe installation of electrical conductors and equipment. Prerequisite: Must have completed ELM 122 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 132 Digital Concepts 1-3
Introduction to digital electronics including numbering systems, binary codes, Boolean algebra, and logic hardware. Prerequisite: Must have completed ELM 123 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 133 Advanced AC Controls 4
Applications and testing of a variety of AC controls, including limit switches, control relays, timing circuits, control transformers, and variable frequency drives. Prerequisite: Must have completed ELM 127 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 134 Introduction to Programmable Logic Controllers 3
Introduction to programmable controller hardware, numbering systems, memory organization, and peripheral devices. Prerequisite: Must have completed ELM 127 and ELM 132 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 135 National Electric Code 430 1
In-depth study of Article 430 of the National Electric Code and its application to motors, motor circuits, and controllers. Prerequisite: Must have completed ELM 133 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 136 Programmable Controllers Applications 3
Practical experience in programming circuits using relay-type instructions, timers, counters, data manipulation, arithmetic functions, and other advanced features and techniques. Prerequisite: Must have completed ELM 133 and ELM 134 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 141 Blueprint Reading 2
Focus on electrical prints, drawings, symbols, and specifications for construction and electrical plans. Prerequisite: Must have completed ELM 121 and ELM 128 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 142 Raceways 3
Introduction to the types and applications of raceways, wireways, and ducts. Students will learn how to cut, ream, thread, connect, and bend conduit using hand, mechanical, hydraulic, and electric benders. Prerequisite: Must have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 143 Wiring Techniques 1-4
Practical application in a variety of building types and remodeling of existing buildings. Course will include job building, material estimation, tool and material use, and installation techniques. Prerequisite: Must have completed ELM 128 and ELM 131 and ELM 141 and ELM 142 or have been accepted into the Electrical Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ELM 198 Special Topics in Electrical Maintenance 1-6
A special topics course in Electrical Systems Technology to serve a variety

of needs. Topics are determined by the course instructor. Unlimited repeatability.

Emergency Medical Services

EMS 108 EMT 7
Designed for individuals who anticipate working with an ambulance service, fire department, police department, mining industry or other occupational fields where medical emergencies are common. Upon successful completion of the course, the student will be eligible to take the National Registry of Emergency Medical Technicians (NREMT) examination. Prerequisite: Current Healthcare Provider CPR card and proof of health insurance. Must be 18 years of age by the time the course is completed. Immunizations: MMR, TD, TB skin test and at least the second Hepatitis B immunization must be submitted the week of class. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 109 EMT Refresher Training 2
The EMT, 30-hour Refresher Course is offered for individuals who wish to renew their EMT-Basic or Intermediate certification for a two-year period. Each student must complete six online assignments and six tests (passing with a 70% average) prior to scheduling CPR and skills evaluation. Unlimited repeatability. Prerequisite: Current certification as an EMT. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 110 EMT Instructors Training Course 1
Trains instructors to teach the U.S. Department of Transportation Basic Training program for Emergency Medical Technician - Basic. Emphasizes the development of teaching skills, rather than emergency care skills. Includes components of the learning process, methods of teaching, preparation and use of various media/materials, and purpose and methods of evaluation. Upon successful completion of the course, the student will have a minimum of 10 hours under the supervision of a currently certified EMS Instruction and be for Nevada EMS Instructor certification. Prerequisite: Current Nevada EMT certification. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 113 First Responder Training Course 3
Emphasizes development of student skills in patient assessment and emergency care procedures including life-threatening emergencies, injuries to various body parts, emergency childbirth, techniques of moving patients, and more. This course offers a certificate by the State of Nevada Bureau of Licensure and a Certificate as a Nevada Emergency Medical Services First Responder. A certificate will allow students to volunteer with various fire and rescue agencies. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 114 First Responder Refresher 1
A 16-hour refresher course in emergency medical care. [S/U] This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 118 Advanced Emergency Medical Technician (AEMT) 8
This course is designed to instruct students to the level of Advanced Emergency Medical Technician (AEMT) based upon the new National EMS Education Standards. These AEMTs will provide both basic and limited advanced emergency medical care and transportation for critical and emergent patients who access the emergency medical system (EMS). AEMTs function as part of the comprehensive EMS response, under medical oversight. AEMTs perform interventions with the basic and advanced equipment typically found on the ambulance. The AEMT is a vital link in the pre-hospital care system. Prerequisite: Current Nevada EMT certification. Current Healthcare Provider CPR card and proof of health insurance. Must be 18 years of age by the time the course is completed. Immunizations: MMR, TD, TB skin test and at least the second Hepatitis B immunization must be submitted the week of class. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 119 EMT Intermediate 85 to Advanced EMT Bridge Refresher Course 3
The Emergency Medical Technician Intermediate 85 to Advanced Emergency Medical Technician (AEMT) Bridge Refresher Course is offered for individuals who wish to bridge from Intermediate 85 to Advanced EMT to meet the new national standards. This course will also serve as a State of Nevada accepted refresher course for re-certification purposes. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 198 Special Topics in Emergency Medical Services .5-3
Selected emergency medical technician topics offered for general interest. No prerequisites. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 204 Principles of Anatomy & Pathophysiology 4
This course prepares the student to understand basic medical terminology, microscopic and gross anatomy and physiology. The course is designed to go beyond what is covered in the anatomy and physiology review of each section in the national standard curriculum. This course will be offered for 4 credits (3 credits of Lecture and 1 credit of Skills Lab). Prerequisite: Must have been accepted into the Paramedic Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 205 Principles of Pathophysiology 3
Course prepares student to understand basic medical terminology, microscopic and gross anatomy and physiology. Designed to go beyond what is covered in the anatomy and physiology review of each section in the national standard curriculum. Prerequisite: Must have completed EMS 200. Instructor permission required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 206 Principles of Pharmacology/Medication and Venous Access for the Paramedic 3-4
This course prepares the student to understand and to be able to integrate the principles of pathophysiological pharmacology and the assessment findings to formulate a field impression and implement a pharmacologic management plan for patients in the prehospital environment. This course will be offered for 4 credits (3 credits of Lecture and 1 credit Lab). Prerequisite: Must have been accepted into the Paramedic Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 207 Airway Management and Ventilation for Paramedics 2
Students successfully completing this course will demonstrate a behavioral, cognitive, and psychomotor understanding of, and proficiency with, basic and advanced airway management. This course will be offered for 2.0 credits (1 credit theory/1 credit lab). Prerequisite: Must have completed EMS 204 and EMS 206. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 209 Patient Assessment for Paramedics 2-3
This course introduces the Paramedic student to a comprehensive physical examination and assessment, which includes history taking, clinical decision-making, communications, and documentation. This course will be offered for 2.0 credits (1 credit theory / 1 credit lab). Prerequisite: Must have completed EMS 204 and EMS 206. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 210 Principles of Cardiology for Paramedics 3
This course prepares the Paramedic student to identify single and multi-lead cardiac rhythms and treat those rhythms considered to be life-threatening with electrical therapy. The skills taught include defibrillation, cardioversion, and cardiac rhythm interpretation. It will also prepare the student to assess, manage, and treat various cardiovascular emergencies that include ventricular fibrillation, bradycardia, tachycardia, myocardial infarction, cardiogenic shock, pulmonary edema, angina pectoris, congestive heart failure, hypertension, PEA (pulseless electrical activity), and asystole. This course will be offered for 3 credits (2 theory / 1 lab). Prerequisite: Must have completed EMS 204 and EMS 206. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 211 Paramedic Care for Medical Emergencies and ACLS 4
This course prepares the Paramedic to identify, assess, manage, and treat various medical emergencies. Topics include Neurology, Endocrinology, Allergies and Anaphylaxis, Gastroenterology, Urology, Toxicology, Environmental Conditions, Infectious and Communicable Diseases, Behavioral and Psychiatric Disorders, Gynecological and Obstetrical Emergencies, and associated pharmacological interventions. This course will be offered for 4 credits (3 credits of Lecture / 1 credit of Skills Lab) Prerequisite: Must have completed EMS 204 and EMS 206. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 212 Paramedic Trauma Emergencies and International Trauma Life Support (ITLS) 3
This course prepares the student to identify, assess, manage, and treat various types of trauma emergencies. Topics include Trauma Systems; Mechanism of Injury; Soft-Tissue Trauma; Burns, Head and Face Trauma; Spinal Trauma; Thoracic Trauma; Abdominal Trauma; and Musculoskeletal Trauma. Skills include trauma assessment, splinting, bandaging, spinal immobilization, IV therapy, chest decompression, and associated pharmacological interventions. This course will be offered for 4 credits (3 theory / 1 lab). Prerequisite: Must have completed EMS 210 and EMS 211. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 214 Pediatrics and Special Considerations for the Paramedic and Pediatric Advanced Life Support 3
This course prepares Paramedic to identify, assess, manage, and treat age related emergencies and other special challenges. The student will also be introduced to the concept of assessment based management. Topics include Neonatology, Pediatrics, Geriatrics, Abuse and Assault, and Patients with Special Challenges. Prerequisite: Must have completed EMS 210 and EMS 211. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 215 Assessment Based Management and Operations for the Paramedic 3
This course will contain the principles of Assessment Based Management that will teach the paramedic student how to implement a plan for patients with common complaints. The course will also prepare the Paramedic to the concepts of medical incident command, ambulance and rescue operations, hazardous materials, incident, and crime scene awareness. Prerequisite: Must have completed EMS 210 and EMS 211. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 216 Hospital Clinical Experience for the Paramedic 4
This course allows the paramedic student to apply learned classroom skills and knowledge in the hospital and other clinical care environments. The student will function under the direction of a nurse or physician preceptor. This course will be offered for 4 credits (45 hours per credit = 180 clinical hours). Prerequisite: Must have completed EMS 207 and EMS 209 and EMS 210 and EMS 211. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 219 Paramedic Field Internship 8
This course is designed to introduce the paramedic student to Advanced Life Support (ALS) prehospital operations. The student will also become familiar with procedures and care provided by paramedics in the field. Each student will be a third person on a paramedic rescue unit and will work directly with a paramedic preceptor. Prerequisite: Must have completed EMS 212 and EMS 214 and EMS 215. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EMS 220 Paramedic Refresher 3
This course is the required 48 hour refresher that allows paramedics (NRP) to maintain their national registry certification. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

English

ENG 95 Basic Writing II 3
Designed to develop writing skills. Focuses on the review of grammatical relationships, sentence patterns, punctuation, and usage, with concentration on writing expository paragraphs and essays. Students will have additional Academic Success Center requirements. Upon successful completion of the course, the student may move directly into ENG 101.

ENG 100 Composition-Enhanced 5
Allows students to fulfill their first semester of English while completing the remediation process. Designed for students who did not place into ENG 101 on the placement test/writing sample, but did not score so low that they need ENG 095. Allows a student to refine specific skill deficiencies while completing the first semester of freshman composition (ENG 100 is equivalent to ENG 101). Students will have additional Academic Success Center requirements. Although it is a five-credit course, it does not replace ENG 102. After successful completion of ENG 100, a student must take ENG 102 to complete the general education requirement.

ENG 101 Composition I 3
Critical reading and writing of the expository essay. Emphasizes prewriting, strategies for organization, and revision.

ENG 102 Composition II 3
Continuation of English 101. Emphasizes writing from sources, argument, the investigative paper, and research techniques. Prerequisite: Must have completed ENG 100 or ENG 101 or have satisfactory score in ACT or SAT exams for ENG 102.

ENG 103 English Fundamentals for Technical Writing 3
Emphasizes the essentials of sentence structure, paragraph development, grammar, and punctuation. Class writing assignments apply these essentials to a variety of on-the-job related documents such as memos, letters, and reports. Course is recommended for students seeking certificates of achievement and meets the requirement for a 100-level English course. Upon successful completion of ENG 103, students may move directly into ENG 107 or ENG 101. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ENG 107 Technical Communications I 3
Basic skills necessary for successful on-the-job communications including improved letter and report writing, persuasion, interviewing, process, mechanism description, and business and technical grammar. Prerequisite: Must have completed ENG 95 or ENG 103 or have satisfactory score in Accuplacer, ACT, or SAT placement tests for ENG 107.

ENG 108 Technical Communications II 3
Advanced letter and report writing techniques including proper word choice, tone, and structure. Business letters, memorandums, formal and informal reports, process, and mechanism descriptions. Prerequisite: Must have completed ENG 100 or ENG 101 or ENG 107 or have satisfactory score in Accuplacer, ACT, or SAT placement tests for ENG 108.

ENG 203 Introduction to Literary Study 3
Introduction to the elements of fiction, poetry, and drama used in the analysis of literature. Prerequisite: Must have completed ENG 102.

ENG 205 Introduction to Creative Writing: Fiction and Poetry 3
A creative writing course designed to introduce students to the production of fiction and poetry. Prerequisite: Must have completed ENG 100 or ENG 101 or have satisfactory score in ACT or SAT exams for ENG 102.

ENG 221 Writing Fiction 3
The writing of fiction in a workshop setting. Students are required to produce several works of short fiction. Prerequisite: Must have completed ENG 205.

ENG 223 Themes of Literature 3
Themes and ideas significant in literature. Prerequisite: Must have completed ENG 102.

ENG 240 Digital Literacy and Composition 3
Development of tools to find, evaluate, compare, use, and comprehend digital resources, as well as to create compositions building on these resources in a multimedia manner. Prerequisite: Must have completed ENG 100 or ENG 101 or have satisfactory score in ACT or SAT exams for ENG 102.

ENG 250 Introduction to Children's Literature 3
Study of outstanding children's books to promote ways in which the books can be used to enhance the lives and skills of children, teachers, and parents. Prerequisite: Must have completed ENG 102.

ENG 258 Shakespeare Theatre Festival 1
A tour to one of the summer festivals to view and study Shakespearean theatre in performance. Prerequisite: Must have completed ENG 102.

ENG 259 Speculative Fiction and Fantasy Literature 3
A critical, survey-based introduction to the genres of Speculative (Science) Fiction and Fantasy Literature. Prerequisite: Must have completed ENG 102.

ENG 261 Introduction to Poetry 3
Study of a variety of poets and their techniques. Prerequisite: Must have completed ENG 102 and ENG 205.

ENG 267 Introduction to Women and Literature 3
Study of variety of important women authors. In some semesters, offered as a study of important female characters taken from plays and novels, both of European and American Background. Prerequisite: Must have completed ENG 102.

ENG 299 Special Topics in English 1-3
Consideration of special topics and issues in English. Selection will depend upon current interests and needs. Unlimited repeatability. No prerequisite.

ENG 310 The Rhetorics of Everyday Texts 3
The examination and production of everyday texts such as digital communication, visual media, music, architecture, style, and landscape in terms of their theoretical, historical, cultural, and technological contexts. Students should expect to compose everyday texts of their own as well as write about texts examined in the course. Prerequisite: Must have completed ENG 102.

ENG 320 Identities and Texts 3
The examination of the role of identity in rhetoric/composition and communication and how the multiple identities we each inhabit are reflected in the multiple identity possibilities within texts. Prerequisite: Must have completed ENG 102.

ENG 325 Advanced Literary Study 3
Designed for students who are familiar with basic elements of literature and who have some experience with literary interpretation. Students will examine the major critical approaches to literature and learn to apply these approaches. Students will read and analyze works of fiction, poetry, and drama; write several essays; and one longer paper. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and a 200-level literature course (ENG 203, or ENG 223, or ENG 231, or ENG 232, or ENG 250, or ENG 267, or ENG 275) or have completed ENG 102 and declared a B.A. in Social Science.

ENG 327 Composition III 3
A practicum in writing, this course provides instruction in all of the stylistic choices a writer makes to communicate, not only information, but the voice behind the information. Experimentation with sentence patterns, sentence length, word choice, word placement, and punctuation. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and a 200-level literature course (ENG 203, or ENG 223, or ENG 231, or ENG 232, or ENG 250, or ENG 267, or ENG 275) or have completed ENG 102 and declared a B.A. in Social Science.

ENG 329 Language Study 3
A consideration of language history, function, and use. Topics include the historical development of languages, language acquisition, descriptive grammar, language controversies, etc. Prerequisite: Must have completed ENG 102 and one of the following: ANTH 101 or SOC 101 or GEOG 106 or a 200 level literature course (ENG 203 or ENG 223 or ENG 231 or ENG 232 or ENG 250 or ENG 267 or ENG 275).

ENG 333 Professional Communications 3
A course in applied rhetoric for students to develop the writing and communication skills they will need as professionals. The goal is to make strong writers with flexible analysis, writing, and oral communication skills. Prerequisite: Must have completed ENG 102 or ENG 108 with a grade of 'C-' or better.

ENG 402A Advanced Creative Writing 3
A workshop based creative writing course in which students pursue independent projects in fiction and poetry. May be repeated up to nine credits. Prerequisite: Must have completed ENG 205 and either ENG 221 or ENG 261.

ENG 411B Principles of Modern Grammar 3
Principles of modern grammar and usage. Designed for students seeking certification in secondary English. Prerequisite: Must have completed ENG 102.

ENG 416C Special Problems in English 1-6
Workshops in language, literature, and composition. May be repeated up to two times. Instructor permission required.

ENG 418A Advanced English Reading Strategies 3
Designed for the secondary level pre-service education student and/or the actual practicing educator (at either the secondary or post-secondary levels). Its primary aim is to provide a theoretical and practical base for connecting effective reading strategies to the teacher's specific content area of instruction. These strategies will be specifically targeted to the secondary/ post-secondary levels of instruction. Students will be engaged in the effective design and implementation of reading into the delivery of their own content area. Topics to be explored include reading comprehension of expository and narrative texts (especially fiction and literature), developing life-long habits across the realm of reading, integrating reading across all of the language arts (speaking, listening, and writing) as well as across one's content area of instruction. Prerequisite: Must have completed ENG 102.

ENG 433A Shakespeare: Tragedies and Histories 3
An examination of some of Shakespeare's major tragedies and histories. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and a 200-level literature course (ENG 203 or ENG 223 or ENG 231 or ENG 232 or ENG 250 or ENG 267 or ENG 275) or have completed ENG 102 and declared a B.A. in Soc. Sci. or a B.A. in Natural Resources.

ENG 449A British Literature I 3
Major authors and works in British literature from the beginning through the eighteenth century. The course includes reading and analysis of works of prose, poetry, and drama. This course fulfills the British literature requirement for secondary education majors. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and a 200-level literature course (ENG 203 or ENG 223 or ENG 231 or ENG 232 or ENG 250 or ENG 267 or ENG 275) or have completed ENG 102 and declared a B.A. in Soc. Sci. or a B.A. in Natural Resources.

ENG 449B British Literature II 3

Reading and discussion of major British authors from the Romantic Movement to the present. This course fulfills the British literature requirement for secondary education certification in English. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and a 200-level literature course (ENG 203 or ENG 223 or ENG 231 or ENG 232 or ENG 250 or ENG 267 or ENG 275) or have completed ENG 102 and declared a B.A. in Soc. Sci. or a B.A. in Natural Resources.

ENG 451A American Literature I 3
Major figures and movements from the beginnings of the Civil War. Fulfills the American literature requirement for secondary education certification in English. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and a 200-level literature course (ENG 203 or ENG 223 or ENG 231 or ENG 232 or ENG 250 or ENG 267 or ENG 275) or have completed ENG 102 and declared a B.A. in Soc. Sci. or a B.A. in Natural Resources.

ENG 451B American Literature II 3
Major figures and movements from the Civil War to the present. Fulfills the American literature requirement for secondary certification in English. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and a 200-level literature course (ENG 203 or ENG 223 or ENG 231 or ENG 232 or ENG 250 or ENG 267 or ENG 275) or have completed ENG 102 and declared a B.A. in Soc. Sci. or a B.A. in Natural Resources.

ENG 475B Literary Nonfiction 3
The analysis of essays and nonfiction prose. Prerequisite: Must have completed ENG 102 and (ENG 203 or ENG 223 or ENG 250 or ENG 267).

ENG 497A Topics in Multi-Cultural Literature 3
Reading and analysis of works of fiction, non-fiction, and drama by Asian American, Latin American, Native American, and/or African American writers. This course fulfills the multi-cultural literature requirement for secondary education certification in English. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and a 200-level literature course (ENG 203 or ENG 223 or ENG 231 or ENG 232 or ENG 250 or ENG 267 or ENG 275) or have completed ENG 102 and declared a B.A. in Soc. Sci. or a B.A. in Natural Resources.

ENG 498B English Capstone 3
Students will design and produce an independent project in the field of English under the supervision of a member of the English Faculty. Serves as the capstone course for The Bachelor of Arts in English. Prerequisite: Must be admitted into the B.A. in English program and have senior standing.

Energy

ENRG 147 Solar Water Heating Systems 3
This course is designed to train students in the installation, maintenance, and theory of solar hot water heating systems for residential and commercial use. This course focuses on hot water systems for domestic uses. Core topics in this course are workforce safety, solar panel installation, system layout, and hot water heater theory.

Environmental Studies

ENV 100 Humans and the Environment 3
Introduction to the relationship of man and his environment. Current thinking and research concerning the impact of industrialization and urbanization on environmental quality, including the population explosion; the potential decline of the affluent society by the depletion of natural resources; the pollution of air, land surface, and water; and the public agencies and policies designed to solve environmental problems. Prerequisite: Must have completed with a C or better or be currently enrolled in: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher.

ENV 422 Environmental Regulation and Compliance 3
A review of the important environmental regulations - federal, state, and local - and the processes and methods of compliance with those regulations. The NEPA process is a major component of this course, from points of view of both the regulatory agencies and the entities with activities falling under the regulations.

Education Professional Development

EPD 162 Praxis Core for Educators Reading Review 1
Designed to prepare prospective teacher education students for the Praxis Core for Educators. Organized around the knowledge and skills addressed on the test, this course offers participants opportunity to review and learn the knowledge and skill related to reading comprehension. [S/U] This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EPD 163 Praxis Core for Educators Writing Review 1
Designed to prepare prospective teacher education students for the Praxis Core for Educators. Organized around the knowledge and skills addressed on the test, this course offers participants opportunity to review and learn the knowledge and skills related to the kinds of writing tested that will be assessed on the Praxis I. [S/U] This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EPD 164 Praxis Core for Educators Math Review 1
Designed to prepare prospective teacher education students for the Praxis Core for Educators. Organized around the knowledge and skills addressed on the test, the course offers participants opportunity to review and learn the knowledge and skills related to the mathematics tested on the Praxis I. [S/U] This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

EPD 226 The Tutoring Process 1
Provides training and understanding of the tutor's role and responsibilities. Topics include tutoring strategies, tutoring options, role modeling, interpersonal communications, questioning skills, and active listening skills. Students also participate in supervised tutorials. Not required as part of the Education Program. [S/U].

EPD 227 Tutoring Methods 1
Provides advanced application of learning theories relating to one-to-one tutorials. Emphasis is placed on philosophies, procedures, and practices that have proven effective in teaching children in diverse populations. Not required as part of the Education Program. [S/U].

EPD 229 Tutoring Practicum 1-4
Provides supervised instruction of students in one-to-one tutorials. Students tutor in local schools approximately 15 hours per month and participate in special workshops as required. Not required as part of the Education Program. Class may be repeated up a total of four credits. [S/U].

EPD 230 Passing the ParaPro 1
Designed to prepare prospective and practicing para-professionals for the ParaPro exam. Organized around the knowledge and skills addressed on the test, this course offers the participant opportunity to collaborate with one another as they learn and review knowledge and skills related to elementary reading, mathematics, and writing. Also addressed are the ways reading, mathematics, and writing skills and knowledge are applied to the paraprofessional as she/he assists in the classroom instruction. [S/U].

EPD 430 Passing the Praxis II 1
Designed to prepare prospective and current elementary school teachers for the Praxis II examination. Organized around the specifications addressed on the test, this workshop offers participants the opportunity to collaborate with one another as they review pertinent topics related to child development, learning theories, curriculum components, general principles of instruction, classroom management, student assessment, and professional growth. [S/U].

EPD 480 Coaching and Mentoring Student Interns 1-6
Course is designed to provide support for lead teachers who have volunteered to serve as a cooperating teacher for student interns. Explains and demonstrates different observation models, communication techniques, and evaluation skills. May repeat the course up to six credits. Placement with a student intern is required. [S/U] Instructor permission required.

Education Leadership and Psychology

EPY 330 Principles of Educational Psychology 3

General principles, theories, and recent research evidence regarding human development, human learning, and human motivation, especially as they pertain to classroom instruction.

Electronics

ET 114 Introduction to Robotics 3-6
This course will take the student through most of the different technologies required to create all forms of robotic technology. A basic start will introduce the student to the basics of electronics, schematic reading, part recognition, electronic measurements and measuring devices, electronic tools, motor (DC and AC), generators (DC and AC), pneumatics and hydraulics, data acquisition (sensoric devices), data handling (reading and controlling data), servo and synchro devices, and robotic design and construction. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ET 270 Electronic Bench Servicing Technician 1-5
Course emphasizes troubleshooting and repair of electronic components. Students are introduced to soldering and de-soldering techniques, selection and use of test equipment, and interpretation of block schematics as related to electronic circuit repair. Safety is stressed in this electronic service course. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

ET 280 Digital Electronics 1-4
Covers 10 major areas of digital electronics, including Digital Logic Circuits, Digital Integrated Circuits, Boolean Algebra, Flip-Flops and Registers, Counters, Shift Registers, Arithmetic Circuits, Memories, Digital Systems, and Connecting digital and analog Devices. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Finance Management

FIN 101 Personal Finance 3
Discussion and analysis of problems relating to financial independence. Budgeting, personal tax concerns, cash and savings investments, real estate, financial institutions and borrowing, insurance, investing, retirement programs, and estate planning are covered for real world applications.

FIN 240 Introduction to Budgeting 1
An introduction to financial budgeting for individuals. Topics include the time value of money, the mathematics of finance, the borrowing decision, the lending decision, and capital budgeting. No prerequisites.

FIN 310 Applied Accounting and Finance 3
Course is designed to provide the student with the keys, concepts, and tools used in understanding the financial functions of a business enterprise. For those students with no previous education or experience in accounting, the course will include an introduction to the essential concepts necessary in understanding formal financial statements from the user's perspective. Prerequisite: Must have completed an associate's degree.

Film Studies

FIS 100 Introduction to Film 3
Introduction to the historical development of film as art. Considers the development of cinematic techniques (i.e., cinematography, editing, sound, etc.), cinematic genres (i.e., the western, romantic comedy, etc.) and narrative elements (i.e., plot, character, conflict, etc.) as exemplified by the work of major American and international directors.

French

FREN 101 Conversational French I 3
Develops a working knowledge of French, listening and speaking skills, and practice in reading and writing. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

FREN 102 Conversational French II 3
A continuation of FREN 101, this course is designed to be social, interactive, and fun. Introduces the student to the essentials of French grammar, vocabulary, and culture with an emphasis on practical and oral conversation. Additional cultural and listening activities include a French film festival, access to audio and audiovisual tapes, and a French luncheon. Prerequisite: Must have completed FREN 101. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

FREN 111 First Year French I 3-4
Development of language skills through practice in listening, speaking, reading, writing, and structural analysis. Language practice required.

FREN 112 First Year French II 3-4
A continuation of FREN 111. Language practice required. Prerequisite: Must have completed FREN 111.

FREN 211 Second Year French I 3
Continues development of the four basic skills involved in the acquisition of a foreign language: listening, speaking, reading, and writing. Also introduces essential elements of French culture. Prerequisite: Must have completed FREN 112.

FREN 212 Second Year French II 3
Continuation of FREN 211. Prerequisite: Must have completed FREN 211.

Geography

GEOG 103 Physical Geography of Earth's Environment 3
Physical elements of the earth's natural features and their significance to man. Topics include earth form and motion, landforms, weather, climate, vegetation, and soils. Four laboratory experiences required. Prerequisite: Must have completed with a C or better or be currently enrolled in: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher.

GEOG 106 Introduction to Cultural Geography 3
Analyze the culture regions of the world including physical settings and cultural patterns including language, settlements, socioeconomic patterns, and historical patterns.

Geology

GEOL 101 Exploring Planet Earth 3-4
Fundamental principles of geology including tectonic and surficial processes, oceans, atmosphere, environmental applications, and resources. Includes a laboratory component. Prerequisite: Must have completed with a C or better: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher; or be currently enrolled in MATH 116 or MATH 120 or MATH 126 or higher.

GEOL 102 Earth and Life Through Time 4
The history of the earth and life as they have evolved together through time: plate tectonics, the physical landscape, and the biosphere. Includes laboratory for evaluating rocks, fossils, and the age of events. Prerequisite: Must have completed GEOL 101.

GEOL 132 Rocks and Minerals 3
An introduction to the more common or important minerals and rocks. Emphasizes the conditions of formation and hand sample identification. The economic value of minerals and rocks is presented.

GEOL 201 Geology of Nevada 3
Important geological developments in Nevada that have occurred throughout geologic time. At least one field trip will be required.

GEOL 299 Special Topics in Geology 1-5
To be offered on a variety of geological topics as opportunity and demand dictate. Repeatable up to six credits. [S/U].

GEOL 333 Principles of Geomorphology 4
An introduction to the processes and development of landforms and soils as the result of surficial processes operating within the framework of global tectonics. Laboratory work includes methods of analysis of land

forms from surface imagining and the study of soils. Includes field trips. (Formerly GEOL 334, Geomorphology and Soils) Prerequisite: Must have completed GEOL 101.

GEOL 335 Earth Resources & The Environment 3
Geological availability, exploitation, and use of nonrenewable natural resources including metallic minerals, nonmetallic, and energy resources.

German

GER 101 Conversational German I 3
Learn language skills through practice in listening, speaking, reading, writing, and structural analysis. Language practice required. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Geographic Information Systems

GIS 109 Introduction to Geographic Information Systems 3
An introduction to Geographic Information Systems (GIS) covering the basic concepts. Principles of cartography and spatial analysis are presented. The intent is to prepare the student for advanced training using specific GIS software.

GIS 320 GIS in Business and Community 3
Basic techniques for geographic analysis and summary of business or community problems. Finding patterns and relationships in tabular and spatial data is emphasized. Popular geographic information systems software will be used for demonstration and for projects. Students will work in teams to identify a problem and to collect data for visualization and analysis of the problem. To present findings, students will create a map layout. Prerequisite: Must have completed CIT 303 or GIS 109 or GIS 301.

Graphic Communications

GRC 101 Introduction to Graphic Communications 3
Broad-based foundation of fundamental theories, issues, concepts, terminologies and methodologies used for creative/design projects in the graphic communications and digital media industries. Entry course for students pursuing print, web, and/or multimedia careers.

GRC 103 Introduction to Computer Graphics 3
Introduction to the computer as a graphic communications tool using image editing and page layout software. Software literacy, computer graphics terminology, design application, and production are stressed.

GRC 119 Digital Media 3
Introduction to the key digital elements of multimedia. Overview of hardware and software, design principles, and management skills needed to develop dynamic, interactive multimedia products. Prerequisite: Must have completed ENG 100 or ENG 101.

GRC 156 Design with Illustrator 3
Introduction to visual communication as it relates to commercial art using vector-based software with an emphasis on corporate identity. Covers graphic design methodology, layout, typography, symbols, logos, and logo systems developed from thumbnails through final design.

GRC 183 Design with Photoshop 3
Introduction to digital imagery as a source for creating new images, scanning, and image manipulation. Explores visual communication through technical and conceptual methods. Recommended prerequisite: GRC 103.

GRC 188 Web Animation I 3
Introduction to animations and interactivity for the Web and mobile devices. Focuses on planning, design, and production. Topics covered include information architecture, navigational systems, tweens, audio, video, object properties, components, conditional actions, and publishing options. Recommended prerequisite: GRC 156.

GRC 256 Advanced Design with Illustrator 3
Advanced two-dimensional illustration techniques using vector-based graphics software. Graphic projects are created with elements of design and application of principles of design. Recommended prerequisite: GRC 156.

GRC 301 Graphic Communications Management Essentials 1
Designed for non-graphic majors and covers essential concepts in graphic communications required for a manager of digital technology systems. Students will begin work on individual portfolios of their achievements during this degree program. [S/U] Prerequisite: Must have completed an AAS degree.

GRC 320 Design Methods and Research 3
Lecture, readings, and studio projects exploring strategies to promote effective design thinking and analysis. Students will produce context-appropriate design solutions that resolve given design challenges in graphics and media, while increasing their technical fluency in industry-standard software applications. Prerequisite: Must have completed GRC 256 and an AAS degree.

GRC 350 Design Ideation and Process 3
Course investigates a range of approaches and strategies to enrich the conceptual and exploratory phases of the design process. Studio Projects in digital process drawing and concept rendering. Prerequisite: Must have completed GRC 256 and an AAS degree.

GRC 360 Typography and Letterforms 3
The historical context of letterforms and visual languages in type as symbol and image. Exploring typographic form expressing visual concepts and narratives. Prerequisite: Must have completed GRC 320.

GRC 364 Publication Design 3
Course covers topics central to the design of long format publications, including layout and design, typography, production technologies and standards, and instruction in industry-standard software applications. Prerequisite: Must have completed GRC 320.

GRC 365 Web and User Interface Design 3
Instruction in the methods and techniques of website design from concept to completion. Course emphasizes organizational design considerations such as information hierarchy, legibility, and accessibility, while maintaining a professional standard in graphic design treatment. Prerequisite: Must have been accepted into the BAS-GRC or BAS-DIT Program.

GRC 383 Advanced Multimedia Design: Video and Audio 3
Covers planning, design, and creation of multimedia projects which include video and audio elements. Student will build on processes learned in prior classes to learn scene creation, transitions, voice over, digital music recording, sound effects, and other techniques. This course culminates in planning, creating, and presenting a project making use of the techniques learned. Prerequisite: Must be in junior standing and have completed GRC 119 or GRC 301 or CIT 303.

GRC 455 Motion Graphics 3
Explores the expressive potential of motion graphics as a contemporary communication and design medium. Projects and instruction utilizing time-based editing software and emphasizing kinetic composition methods with various visual media and graphic elements. Prerequisite: Must have completed GRC 350.

GRC 490 Graphic Design/Media Internship 3
Supervised professional experience in the graphic design, media, or illustration field. At least 135 hours of student work are required. Prerequisite: Fully-admitted major in good standing, completed internship application, appropriate previous coursework, and written consent by program coordinator required for enrollment. Certain internships may require additional prior coursework per faculty advisor recommendation. Prerequisite: Must have completed GRC 320 and GRC 350 and GRC 360. Instructor permission required.

GRC 492 Individual Studies 3
Student-initiated in-depth design or media-related work to enhance and focus the portfolio in target areas. Written project proposal, references, relevant student design samples, and proposed production schedule to be submitted in writing prior to enrollment. At least 135 hours of student work are required. Fully-admitted major in good standing, completed individual studies proposal, and appropriate previous coursework required for enrollment. Prerequisite: Must have completed GRC 320 and GRC 350 and GRC 360. Instructor permission required.

Human Development and Family Studies

HDFS 201 Lifespan Human Development 3
Individual development, roles, and interrelationships within the family system through the lifespan.

HDFS 202 Introduction to Families 3
Study the dynamics of development, interaction, and intimacy for primary relationships in contextual and theoretical frameworks. Review societal issues and choices facing diverse family systems and individuals living within families.

HDFS 232 Diversity in Children 3
The course considers the development of young children from the prenatal period through age eight, focusing in particular on diversity among children. Diversity will be explored in the terms of cultural, ethnic, and linguistic variations as well as differences in ability and typical and atypical development.

HDFS 435A Child Socialization: A Systems Perspective 3
Students will explore a Systems Perspective with a focus on understanding socialization of children from an ecological perspective with an emphasis on developing positive linkage between early childhood settings and families. Prerequisite: Must have completed HDFS 201.

History

HIST 101 U.S. History to 1877 3
Survey of U.S. political, social, economic, diplomatic, and cultural development from Colonial Times through Reconstruction. When taken with HIST 102 or 217, class satisfies the United States and Nevada Constitution requirement.

HIST 102 U.S. History Since 1877 3
Survey of U.S. political, social, economic, diplomatic, and cultural development from 1877 to the present. Includes examination of Nevada Constitution and, when taken with HIST 101, satisfies the U.S. and Nevada Constitution requirement.

HIST 105 European Civilization I to 1648 3
Survey of the development of Western civilization from the dawn of human history to 1648.

HIST 106 European Civilization since 1648 3
Survey of the development of Western civilization from 1648 to the present.

HIST 208 World History I 3
Survey of world civilizations to 1600. Examines societies, cultures, and issues relative to Africa, the Americas, Asia, Europe, the Middle East and Oceania.

HIST 209 World History II 3
Survey of world civilizations since 1600. Examines historical societies, cultures, and issues relative to Africa, the Americas, Asia, Europe, the Middle East, and Oceania.

HIST 217 Nevada History 3
Nevada history from early exploration to the present. Includes examination of the Nevada Constitution and satisfies the Nevada Constitution requirement.

HIST 247 Introduction to the History of Mexico 3
A review of pre-Columbian, Colonial, and Mexican national history with emphasis on culture and politics.

HIST 295 Special Topics in History 1-3
Course may utilize special emphasis topics/instructors or be offered as an individualized study format with directed readings. Classes will usually mirror offerings at other NSHE institutions. Unlimited repeatability.

HIST 303 Worlds of Islam 3
Introduces the theology and culture of early Islam. Examines the history of the 'rightly guided caliphs' era, the Umayyad and Abbasid periods, the Ottoman dynasty and others. Explores recent regional variations in Islam. Prerequisite: Must have completed 40 or more credits including one lower-division HIST course or instructor approval.

HIST 417C The West as National Experience 3
Historical development of the American West utilized to examine contemporary issues of resources and ownership, demographic change, and national myth-making. Prerequisite: Must have completed 40 or more credits including one lower-division HIST course or instructor approval.

HIST 441 American Environmental History 3
Explores the relationships between human beings and the physical environment on the North American continent. Examines how different cultural groups have used and transformed the continent. Examines the ebb and flow of environmental consciousness from its roots in the nineteenth century to the rise of environmentalism in the twentieth century. Prerequisite: Must have completed 40 or more credits including one lower-division HIST course or instructor approval.

HIST 458 Roman Civilization 3
Analyzes all aspects of Roman history from earliest times to the late antique period, with central attention to the politics and society of the later Republic and how Rome became the monarchy of the Caesars. Prerequisite: Must have completed 40 or more credits including one lower-division HIST course or instructor approval.

HIST 478B Islamic and Middle Eastern History since 1750 3
An examination of the Middle East from the 18th century to recent times. The predominant focus will be on how the indigenous leadership and peoples of the region grappled with the challenges posed by the advent of the modern world. Prerequisite: Must have completed 40 or more credits including one lower-division HIST course or instructor approval.

HIST 498 Advanced Historical Studies 1-3
Course may utilize special emphasis topics or be offered as an individualized study format with directed readings. May be repeated up to nine credits. Prerequisite: Must have completed 40 or more credits including one lower-division HIST course or instructor approval.

Health Information Technology

HIT 100 Introduction to ICD-9-CM Coding 2
Introduction to the mechanics of using ICD-9-CM medical coding. Procedures for assigning code numbers, guidelines for use and interpreting coding rules, and regulations that govern ICD-9-CM coding. [S/U] Prerequisite: Must have completed NURS 140. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

HIT 101 Current Procedural Terminology 3
An introduction to outpatient procedural coding. The student will be introduced to HCFA's HCPCS three-level coding system, including basic coding guidelines and practice using CPT-4. Designed to meet the needs of the medical record practitioner in hospital medical record/billing departments, physicians' offices, and insurance companies for both reimbursement and research needs. [S/U] Prerequisite: Must have completed NURS 140. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Human Services

HMS 101 Introduction to Human Services 3
An overview of human services as a profession, including the exploration of the history of the helping relationship, the human services movement, current influences of technology, managed care, and models of service delivery. Emphasis is on discovering employment in the human services, self-assessment activities, and development of interpersonal skills common to human services providers.

HMS 102 Introduction to Counseling 3
Assessment, interviewing, intervention, referral, and documentation skills related to client communications in human services professions are emphasized. Students receive HIPAA training in basic client/patient confidentiality. Course is required for HMS 205, Human Services Practicum I.

HMS 104 Small Group Interaction Techniques 3
Theory and methods of group dynamics and group interaction applications in social/human services settings are explored. Group leadership

skills related to addiction treatment, relapse prevention, grief and loss adjustment, problem-solving, and personal development are emphasized.

HMS 105 Substance Abuse Counseling Methods 3
Addiction counseling theory and application methods for addiction counselors, social services/human services/health sciences students, or for anyone interested in developing skills for assisting individuals, couples, and families with substance abuse issues. Prior completion of HMS 102, or the equivalent, is highly recommended.

HMS 200 Ethics in Human Services 3
Real life applications for personal and professional boundaries, beliefs, ethics, values, morals, and codes of conduct in human relationships using ethical decision-making, problem-solving, and critical-thinking activities are emphasized. This course may be repeated up to three times for continuing education credit. (Check with individual licensing boards prior to registering).

HMS 205 Human Services Practicum I 5
This Human Services Practicum course will allow students to begin preparing for their entry into Human Services Practicum II. During this phase students will be completing the application process for their practicum, background checks, reference letters, visiting a variety of mental health agencies, securing a site for their final practicum, observing professionals and clients of those agencies to gain a better understanding of real world experiences in human services. Includes one lecture contact hour and 12 clinical practice /observation hours per week. (Formerly HMS 106, Human Services Practicum I) Practicum application approval required. Prerequisite: Must have completed all general educational courses. Prerequisite: Must be enrolled in HMS 200 and have completed HMS 101 and HMS 102. Instructor permission required.

HMS 206 Human Services Practicum II 5
Advanced human services skills development through interaction with clients, client support systems, and other human service professionals within community agencies. Includes one lecture contact hour and twelve clinical practicum hours per week. Practicum application approval required. Prerequisite: Must have completed HMS 101 and HMS 102 and HMS 205. Instructor permission required.

HMS 250 Human Services Seminar 3
Explores emerging issues and current trends in human services employment as they relate to the student's goals, interests, and abilities. This course is required for students seeking an AAS degree in Human Services but is open to any student who is or desires to be involved in human services work. Students create a career plan; develop a resume based on skills training, employment experiences, and current job opportunities; and practice job interviewing techniques. Prerequisite: Must have completed HMS 101 and HMS 102. Instructor permission required.

HMS 322 Family Integrated Treatment of Addiction Disorders 3
This course is designed to inform students of the importance of the familial context of addiction through a review of the current clinical and diagnostic literature and a comprehensive understanding of addiction. Prerequisite: Must have completed HMS 102 and HMS 200.

HMS 350 Public Advocacy and Community Development in Human Services 3
This course is designed to explore the profound impact public advocacy can have. Knowledge of these processes will allow students to champion the rights of individuals, communities and society at large through active participation in the political process. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 200.

HMS 405 Advanced Human Services Practicum I 5
This course is the first of two upper division practicum courses designed to provide the student learner with knowledge and skills necessary to work with human services clients by placing the student learner in a field site in the community. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 105 and HMS 200 and HMS 322.

HMS 406 Advanced Human Services Practicum II 5
This course is the second of two upper division practicum courses designed to provide the student learner with the knowledge and skills necessary to work with human services clients by placing the student learner in a field site in the community. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 105 and HMS 200 and HMS 322 and HMS 405.

HMS 407 Applied Behavior Analysis and Interventions in Addictions and Behavioral Health
Introduction of behavioral assessment and treatment planning utilizing a systematic overview of behavioral and cognitive principles and their applications to a wide range of issues and situations encountered in human services professions. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 200.

HMS 427 Identification and Assessment in Mental Health and Addictions 3
This course will educate students by utilizing case study scenarios to teach students clinical assessment skills for working in the addiction and behavioral health fields by gaining competence with DSM diagnosis and understand assessment. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 200.

HMS 436 Co-occurring Disorders: Substance Use, Addiction, and Mental Disorders 3
This course is designed as a guide for working with clients with common co-occurring disorders and addictions. Course curriculum will investigate practical assessment and effective treatment approaches when working with co-occurring disorders. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 200.

HMS 439 Gambling Disorder and Behavioral Addictions 4
This course will provide students with the knowledge of assessment and treatment for pathological gambling and behavioral addictions. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 105 and HMS 200 and HMS 322.

HMS 450 Advanced Human Services Seminar 3
This course provides students with the fundamental aspects of program development and evaluation. Incorporating the logic model into designing, implementing, and evaluating Human Services Programs. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 105 and HMS 200 and HMS 322.

HMS 465 Clinical Writing, Case and Resource Management in Human Services 3
This course will cover a step-by-step guide through the case management process in Human Services, from intake and assessment to referrals and termination. Including client documentation, HIPAA Compliance, and client confidentiality. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102.

HMS 475 Prevention Strategies in Human Services and Addictions 3
This course provides students with an in-depth review of alcohol/drug prevention and treatment strategies. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 105 and HMS 200 and HMS 322.

HMS 495B Clinical Supervision Training for Mental Health Professionals 3
This course provides students with an in-depth review of the roles and models of clinical supervision. Course content will explore supervision techniques, interventions and relationship processes in supervision. Instructor permission required.

HMS 499 Clinical Supervision for Alcohol and Drug Counselors 3
This course provides students with an in-depth review of the developmental level of alcohol and drug abuse counselors and clinical supervisors. Course work will provide training on clinical supervision and ethical and legal issues. Prerequisite: Must have completed ENG 102 (or higher) and HMS 102 and HMS 105 and HMS 200 and HMS 322.

Humanities

HUM 101 Introduction to Humanities I 3
An introduction to humanities through a study of seven major arts including film, drama, music, literature, painting, sculpture, and architecture. Each of these arts is considered from the perspective of historical development, the elements used in creating works of art, meaning and form, and criticism and critical evaluation.

HUM 111 Gateway to the Humanities 3
Through five distinct modules, students discover answers to all of the following questions: What attributes are irreducibly human - that is, independent of gender, race, culture, society, nationality, or philosophy? How do human beings relate to one another? How do we humans express ourselves? In what ways do we limit ourselves? The student will explore: philosophy/religion; language/linguistics; history; art and architecture; law and ethics; and literature/performance. Students will seek out applications of the humanities to chosen disciplines.

HUM 210 Communicating Diversity 3
Communicating Diversity is a lower division course designed to familiarize students with the fundamentals of diversity and how those are expressed through communication. Students will develop a deep understanding of the way in which we communicate race, gender, class, sexual orientation, nationality, religion, and physical/mental ability and how it impacts our daily lives. This course will take an intersectional approach to understanding diversity and seek communication strategies for inclusivity. Emphasis will be placed on defining and developing the critical thinking skills necessary to push past oppression, marginalization, and other issues centralized around diverse populations. Students will be encouraged to investigate and discover diversity issues, solutions, and concepts at the local and global level using case studies, current events, and other significant moments in history.

Integrative Studies

INT 105 Volunteering in Your Community 1
Provides the student with an opportunity to perform several hours of community service and to then reflect on both the personal experience of giving of oneself and on volunteerism in general. Repeatable up to four times. [S/U].

INT 106 Job Search and Resume Preparation 1
Exploration of job search techniques, determination of the most effective resume format, and preparation of an appropriate resume and cover letter for a prospective career. [S/U].

INT 295 Educational Travel 1-6
The study of people, art, music, culture, and history through travel. Unlimited repeatability. [S/U].

INT 301 Integrative Research Methodology 3
An introduction to basic research methods, including the nature of scholarly research, academic sources, data types, and the application of knowledge to the creation of a research proposal. Prerequisite: Must have completed 40 or more credits and have completed (MATH 120 or MATH 126 or MATH 126E or higher or STAT 152) and earned a C- or higher in ENG 102 or ENG 333.

INT 339 Integrative Humanities Seminar 3
An integrative seminar on topics in the humanities. The topics will vary to address needs and interests of programs. Course fulfills the upper-division integrative humanities general education requirements. May be repeated once for credit if the topics are different. Prerequisite: Must have completed 40 or more credits and (ENG 102 or ENG 333) and (MATH 116 or MATH 120 or Math 126 or MATH 126E or higher or AMS 310 or STAT 152).

INT 349 Integrative Social Science Seminar 3
An integrative seminar on topics in the social sciences. The topics will vary to address needs and interests of programs. Course fulfills the upper-division integrative social sciences general education requirements. May be repeated once for credit if the topics are different. Prerequisite: Must have completed 40 or more credits and (ENG 102 or ENG 333) and (MATH 116 or MATH 120 or Math 126 or MATH 126E or higher or AMS 310 or STAT 152).

INT 359 Integrative Math Seminar 3
An integrative seminar on topics in mathematics. The topics will vary to address needs and interests of programs. May be repeated once for credit if the topics are different. Prerequisite: Must have completed 40 or more credits and have completed (ENG 102 or ENG 333) and (MATH 120 or MATH 126 or MATH 126E or higher or AMS 310 or STAT 152).

INT 369 Integrative Science Seminar 3
An integrative seminar on topics in science. The topics will vary to address needs and interests of programs. Course fulfills the upper-division integrative science general education requirements. May be repeated once for credit if the topics are different. Prerequisite: Must have completed 40 or more credits and have completed (ENG 102 or ENG 333) and (MATH 120 or MATH 126 or MATH 126E or higher or AMS 310 or STAT 152).

INT 400 Internship in Integrative Studies 3-6
A semester placement within a student's concentration (emphasis) area. The internship requires an integration of work experience and a course of study in a specific emphasis area. May be taken for credit more than once, but no more than a total of six credit hours of INT 400 may be counted toward the BA degree. Prerequisite: Must have senior standing and have declared Bachelor of Arts in Integrative Studies and have completed INT 301. Instructor permission required.

INT 496 Capstone in Integrative Studies 3
The application of communication skills, core course knowledge, critical thinking, analysis, and other program skills to conducting an independent research project. The course involves intensive self-directed research and requires students to write an extensive senior paper. Prerequisite: Must have senior standing, and have completed INT 301, and have declared a Bachelor of Arts in Integrative Studies, or a Bachelor of Arts-Social Science or a Bachelor of Arts-Natural Resources. Instructor permission required.

Information Systems

IS 101 Introduction to Information Systems 3
Introduction to computer-based information systems management including hardware/software relationships, business applications usage, systems theory, current technology, networking, the Internet, computer security, and privacy issues. Recommended corequisite: IS 201.

IS 201 Computer Applications 3
An introduction to the most commonly used microcomputer business software with emphasis on operating systems, word processing, spreadsheets, database management, presentation software, and software integration. Substantial hands-on work provides practical experience using this software. Recommended corequisite: IS 101.

IS 301 Management Information Systems 3
The fundamentals of design, implementation, control, evaluation, and strategic use of computer-based information systems for business data processing, office automation, information reporting, and decision making. Emphasizes managerial and strategic aspects of information technology with some hands-on work using information management software. Prerequisite: Must have junior standing or higher.

IS 378 Project Management 3
This course is designed to help you develop a strong understanding of IT project management as you learn to apply today's most effective project management tools and techniques. Topics include project organization, project life cycle, planning, executing, budgeting, scheduling, controlling, reporting, and closing. Also, project integration, scope, time, cost, quality, risk management, conflict resolution, and roles and responsibilities. Prerequisite: Must have completed an associate's degree.

Industrial Maintenance Technology

IT 102 Pipefitting Principles 1-4
This is a one to four credit lecture, discussion, and laboratory course designed to introduce students to the basics of pipefitting. This course will cover basic pipefitting and introduce students to the tools and materials used to complete projects in industries associated with the pipefitting field. Prerequisite: Must have completed IT 106 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 103 Industrial Pump Technology 1-4
A one-to-four-credit laboratory and lecture course covering various industrial pumps. Emphasis is on centrifugal pump maintenance and repair and introductory hydraulic engineering concepts that pertain to centrifugal pumps. Pump seals, packing techniques, and bearings are also discussed. Unlimited Repeatability. Prerequisite: Must have completed IT 106 and IT 201 and IT 209 and IT 216 and TA 100 or have been accepted

into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 105 Mechanical Power Transmission 1-4
A one-to-four-credit lecture, demonstration, and laboratory course in the study and application of bearings, belt and mechanical drives, chain and chain drives, couplings, clutches, gears, and fluids in the transmission of power used in the industrial processes. Prerequisite: Must have completed IT 103 and IT 106 and IT 201 and IT 209 and IT 214 and IT 216 and TA 100 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 106 Millwright and Process Terminology 1-4
A one-to-four credit lecture, discussion, and laboratory course designed to introduce students to millwright and process terminology. Students will learn basic terminology and functions of primary process equipment and their sub-components. This course will also cover parts of basic safety policies and procedures for use in the laboratory and also translate to the job or work site safety. Prerequisite: Must have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 201 Blueprint Reading and Measurement Fundamentals 1-6
A laboratory and lecture course covering blueprint reading fundamentals for mechanical and construction drawings. Also, an introduction to different types of measuring instruments and their proper uses in industry. Prerequisite: Must have completed IT 106 and IT 216 and TA 100 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 207 Boiler, Conveyor, and Pneumatic Systems 1-6
A one to five-point-five credit lecture, demonstration, and laboratory course in the study and application of boiler, conveyer, and pneumatic systems. The course will cover operation, maintenance, and repair of boiler, conveyer, and pneumatic systems. Safety is emphasized. Unlimited repeatability. Prerequisite: Must have completed IT 103 and IT 106 and IT 201 and IT 209 and IT 214 and IT 216 and TA 100 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 208 Fluid Power 1-9
A review of fluid power mechanics with an emphasis on schematic symbols, circuit operation and design, hydraulic component theory and operation, and hydraulic terminology. Course may be taught in modules. Prerequisite: Must have completed DT 100 or TA 100 or have been accepted into the Diesel Technology Program or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 209 Principles of Rigging 1-4
This is a laboratory and lecture course covering rigging practices, proper lifting techniques and safety. Hand signals based on national standards will be taught and practiced also. May be repeated up to 16 credits. Prerequisite: Must have completed IT 106 and IT 216 and TA 100 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 210 Failure Analysis and Predictive/Preventive Maintenance 1-4
A one-to-four credit lecture, demonstration, and laboratory course in the study of predictive and preventive maintenance techniques. Emphasis will be placed on root cause analysis, vibration analysis, and the proper use of lubrication to prevent failures. Prevention of maintenance problems through predictive methods will be emphasized. Prerequisite: Must have completed IT 103 and IT 105 and IT 106 and IT 201 and IT 207 and IT 208 and IT 209 and IT 214 and IT 216 and TA 100 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 212 Inventory and Planning 1-2
A one-to-two-credit lecture designed to acquaint the student with the principles of planned maintenance and inventory control as it relates industrial maintenance. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 214 Basic Electrical Theory for Industrial Mechanics 1-4
A one-to-four credit lecture, demonstration, and laboratory course in the diagnosis of common electrical problems associated with industrial equipment. The course covers basic AC/DC electrical theory, electrical motor maintenance, motor control, and uses of electrical tools for troubleshooting. Prerequisite: Must have completed IT 106 and IT 201 and IT 209 and IT 216 and TA 100 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 216 Basic Metallurgy 1-4
A one-to-four credit lecture, demonstration, and laboratory course which emphasizes the practical approach to the basic principles of metallurgy. The course explores the behaviors of metals subjected to metallurgical processes and explains how desired material properties are attained. Prerequisite: Must have completed IT 106 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 220 Alignment Principles 1-6
Study and practice and shaft and gear alignments using the four-step method to align and correct misalignments as a procedure to extend the life of bearings, couplings, and seals, and to reduce vibration in equipment and components and gears. Tools and equipment used in the course include dial indicators, and electronic and laser measuring devices. Safety is emphasized. Unlimited repeatability. Prerequisite: Must have completed IT 103 and IT 105 and IT 106 and IT 201 and IT 207 and IT 208 and IT 209 and IT 214 and IT 216 and TA 100 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

IT 299 Special Topics in Industrial Technology 2
A special topics course in Industrial Millwright Technology to serve a variety of needs. Topics are determined by the course instructor. Unlimited repeatability.

Journalism

JOUR 102 News Reporting and Writing 3
Principles of researching news stories, gathering information in the appropriate arenas and writing clear and accurate articles in accordance with journalistic standards established by the Associated Press. Explores the roles and responsibilities of a reporter for a news organization in keeping the public informed as well as acting as a watchdog. Examines ethical concerns in journalism and legal issues that influence media coverage.

JOUR 105 News Production I 3
Course designed to qualify students to produce the college newspaper, literary magazine, or any other student publication. Combination of graphics and journalism in one class period which will familiarize students with the total makeup of the newspaper assembly procedures.

JOUR 106 News Production II 3
A continuation of JOUR 105.

JOUR 120 Introduction to Broadcasting 3

A survey of the principles and trends involved in radio and television broadcasting, cable, and other electronic media, including history, regulation, programming, and business practices. Examines communication theories, legal, ethical, and socio-cultural issues as well as career potential in the present and future electronic cultures.

JOUR 124 Introduction Broadcast News and Production 3
Techniques of gathering, writing, editing, and producing news for radio and television. Topics include broadcast style, working with wire services, codes of ethics, legal considerations, and news applications of audio and video technology. Students experience all aspects of studio newscast production from producing to anchoring.

JOUR 125 Electronic News Gathering/Video Editing 3
An introduction to all elements involved in field reporting for television news. Topics include contacting and selecting the most appropriate sources, interviewing techniques, selecting sound-bites, visual storytelling, developing on-camera, as well as behind-the-camera skills, and ethical and legal considerations. Students will create voice-overs and packages using non-linear digital video editing equipment.

JOUR 201 Television Studio Production I 3
Study and hands-on training in basic television studio and control room operations for live and live-to-tape multi-camera productions. Students experience all positions in a production crew including producing, directing, camera, audio, lighting, switching, and learning the underlying principles of video technology.

JOUR 205 Television Field Production I 3
Techniques of shooting video and television programs and segments single-camera-film style, on location, rather than in a multi-camera studio. Students learn the necessary preproduction planning steps including location scouting, storyboarding, and budgeting; then progress to digital video field production, including camera, audio, and lighting practices. Projects will be edited using Adobe Creative Suite Production Premium non-linear editing software.

JOUR 290 Internship in Journalism 1-3
Limited to students interested in a career in broadcast journalism. To participate, students must fill out an internship application, meet with an intern advisor, and interview with internship sponsor and instructors. Interns will not be compensated and hours will be determined by enrollment credits. Instructor permission required.

JOUR 298 Advanced Video Production and Editing 3
Advanced techniques in pre-production, production, and post-production for single-camera-film-style digital video and television short program creation. Topics include field camera operations, audio set-up, and lighting techniques for unusual or adverse conditions, troubleshooting, and continuity shooting. Students learn complex editing techniques and digital audio and video special effects. Prerequisite: Must have completed JOUR 205.

Library

LIB 101 Research Skills for College Papers 1
An overview of basic research strategies using Internet, electronic, and print resources. Focus is on gathering viable information for college assignments. [S/U].

LIB 150 Introduction to Library Technology 3
A study of library tools such as indexes, bibliographies, reference books, and inter-library loan procedures. Library equipment use is also included. For students desiring to develop skills in the use of libraries and who are interested in a career in librarianship. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

LIB 299 Special Topics Library 1
Consideration of special topics in library and information science. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Mathematics

MATH 20 Learning Support for MATH 120/120E 1-3
Designed to be taken in the same semester as MATH 120E, this course contains a review of basic mathematics and study skills needed to be successful in college mathematics. Topics may include the real number system, fractions, exponents, simplifying algebraic expressions, solving linear and rational equations, and effective study skills. [S/U] Prerequisite: Must be enrolled in MATH 120E.

MATH 26 Learning Support for MATH 126/126E 3
This is a support course for MATH 126E and is designed to help students succeed in a college-level precalculus course. Topics may include fractions, linear equations, radical expressions, rational expressions, graphing, systems of linear equations, polynomials, as well as topics from precalculus that require further exploration. [S/U] Prerequisite: Must be enrolled in MATH 126E.

MATH 91 Basic Mathematics 3
The fundamental operations of whole numbers, fractions and mixed numbers, decimals, percentages, measurement, and integers. Intended to provide a review of basics needed in later math courses and on the job.

MATH 95 Elementary Algebra 3
A first course in algebra for students who plan to continue in the math sequence. Topics include operations on real numbers, simplifying expressions, solving linear and quadratic equations, polynomials, factoring, radicals, and the concept of graphing. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 91 with a grade of 'C' or higher or have earned a satisfactory score on the placement test, ACT, or SAT.

MATH 96 Intermediate Algebra 3
This is a second course in algebra for students who have completed one elementary algebra course. The topics covered include polynomials, rational functions, linear equations and inequalities, absolute value inequalities, exponents and radicals, quadratic equations, relations and functions, systems of equations, and applications. This is a developmental course. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 95 with a grade of 'C' or higher or have earned a satisfactory score on the placement test, ACT or SAT.

MATH 97 Elementary and Intermediate Algebra 5
A one-semester course equivalent to the combination of MATH 095 and MATH 096. Topics include solving linear equations in one variable, polynomials, integer exponents, factoring, rational expressions and equations, graphing linear equations in two variables, inequalities, systems of linear equations, radicals and rational exponents, and quadratic equations. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 91 with a grade of 'C' or higher or have earned a satisfactory score on the placement test, ACT, or SAT.

MATH 116 Technical Mathematics I 3
Provides technical mathematical core material so that the student gains practical problem solving experience. May include arithmetic operation, integers, exponents, scientific notation, algebraic expressions, equations, metric system, trigonometry, and logarithms. This course satisfies the general education requirement for occupational/technical AAS degree. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 95 or MATH 97 with a grade of 'C' or higher or have earned a satisfactory score on the placement test, ACT, or SAT.

MATH 116E Technical Mathematics Expanded 3-5
Provides technical mathematical core material so that the student gains practical problem solving experience. May include arithmetic operation, integers, exponents, scientific notation, algebraic expressions, equations, metric system, trigonometry, and logarithms. This course satisfies the general education requirement for occupational/technical AAS degree.

MATH 120 Fundamentals of College Mathematics 3
Includes set theory, logic, consumer mathematics, measurement, geometry, probability, and statistics. Course is broad in scope, empha-

sizing applications. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 96 or MATH 97 with a grade of 'C' or higher or have earned a satisfactory score on the placement test, ACT, or SAT or have completed MATH 95 and (ENG 100 or ENG 101) with a grade of 'C' or higher.

MATH 120E Fundamentals of College Mathematics Expanded 3
Fundamentals of College Mathematics with Corequisite Support: Includes real numbers, consumer mathematics, variation, functions, relations, graphs, geometry, probability, and statistics. Course is broad in scope, emphasizing applications. Fulfills the lower-division mathematics requirement for a Bachelor of Arts Degree. Satisfies mathematics requirement for baccalaureate degrees. Prerequisite: Must have completed or be enrolled in MATH 20.

MATH 122 Number Concepts for Elementary School Teachers 3
A course for students preparing for elementary school teaching or those who already hold teaching certificates. Topics include the real number system and its subsystems, algorithms, primes and divisibility, algebraic thinking, and a variety of applications. The course presumes mathematical knowledge of the material and goes more in depth giving backgrounds for the real number system and preparation of students for teaching the material. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 120, MATH 120E or above, including STAT 152, with a grade of 'C' or higher.

MATH 123 Statistical and Geometrical Concepts for Elementary School Teachers 3
A course for students preparing for elementary school teaching or for those who already hold teaching certificates. Topics include probability, statistics, geometry, constructions, similar figures, trigonometric ratios, areas and volumes, motion geometry, and a variety of applications. Backgrounds for the concepts and preparation of students for teaching the material. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 120, MATH 120E or above, including STAT 152, with a grade of 'C' or higher.

MATH 126 Precalculus I 3
A third course in algebra that stresses polynomial, quadratic, rational, exponential, and logarithmic functions, including their graphs and applications; complex numbers; systems of equations; and basic operations with matrices and determinants, including Cramer's rule. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 96 or MATH 97 with a grade of 'C' or higher or have earned a satisfactory score on the placement test, ACT, or SAT.

MATH 126E Precalculus I Expanded 3
Precalculus I Expanded with Co-requisite support: Includes equations, relations, functions, graphing; polynomial, rational, exponential, logarithmic, and circular functions with applications; coordinate geometry of lines and conics; analytic trigonometry; matrices and determinants; and binomial theorem. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed or be enrolled in MATH 26.

MATH 127 Precalculus II 3
Topics include circular functions, their graphs, and applications; trigonometric identities and equations; conic sections; vectors; sequences and mathematical induction. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 126 or MATH 126E with a grade of 'C' or higher or have earned a satisfactory score on the placement test, ACT, or SAT.

MATH 128 Precalculus and Trigonometry 5
Topics Include equations, relations, functions, graphing; polynomial, rational, exponential, logarithmic, and circular functions with applications; coordinate geometry of lines and conics; analytic trigonometry; matrices and determinants; and binomial theorem. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 96 or MATH 97 with a grade of 'C' or higher or have earned a satisfactory score on the placement test, ACT, or SAT.

MATH 181 Calculus I 4
The fundamental concepts of analytic geometry and calculus functions, graphs, limits, derivatives, integrals, and certain applications. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed the following courses with a grade of 'C' or higher: [(MATH 126 or MATH 126E) and MATH 127] or MATH 128.

MATH 182 Calculus II 4
A continuation of MATH 181. The course covers transcendental functions, methods of integration, conic sections, infinite sequences and series, and first-order differential equations. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 181 with a grade of 'C' or higher.

MATH 251 Discrete Mathematics I 3
Topics include set operations, Cartesian product relations and functions, equivalence relation, graphs and digraphs, propositional calculus, truth tables, mathematical induction, and elementary combinatorics. Applications are made to probability. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 182 with a grade of 'C' or higher.

MATH 283 Calculus III 4
A continuation of MATH 182. Topics include vectors, differentiation and integration of vector-valued functions, the calculus of functions of several variables, multiple integrals and applications, line and surface integrals, Green's Theorem, Stokes' Theorem, and the Divergence Theorem. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 182 with a grade of 'C' or higher.

MATH 285 Differential Equations 3
Theory and solving techniques for general ordinary differential equations, first order and second order linear equations, boundary value problems, power series solutions, Laplace transforms, and system of first order equations. Emphasis on real world phenomena. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 283 with a grade of 'C' or higher.

MATH 310 Introduction to Analysis I 3
A re-examination of the calculus of functions of one-variable: real numbers, convergence, continuity, differentiation, and integration. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 283 with a grade of 'C' or higher.

MATH 314 History of Mathematics 3
Evolution of mathematics from ancient numeral systems to twentieth-century mathematics. The effects of culture on mathematics and the impact of mathematics on cultures also considered. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 330 with a grade of 'C' or higher.

MATH 330 Linear Algebra 3
An introduction to linear algebra, including matrices and linear transformations, eigenvalues, and eigenvectors. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 182 with a grade of 'C' or higher.

MATH 331 Groups, Rings, and Fields 3
Elementary structure of groups, rings, and fields, including homeomorphisms, normal subgroups, and ideals. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 330 with a grade of 'C' or higher.

MATH 333 Number Theory for Secondary School Teachers 3
Examines in detail the structure of number systems and polynomials over these number systems, and teaches the careful art of mathematical reasoning. The course is designed for those who will make the transition from techniques courses to conceptual mathematics. Designed for prospective high school teachers but is open to other students. It is recommended that students have completed prerequisites within two years

of enrolling in this course. Prerequisite: Must have completed MATH 182 with a grade of 'C' or higher.

MATH 352 Probability and Statistics 3
Probability experiments; sample spaces, discrete and continuous random variables and distributions; mathematical expectation, central limit theorem; hypothesis testing, and linear regression. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 182 and STAT 152 with a grade of 'C' or higher.

MATH 389 Special Topics in Mathematics 3
Covers specialized topics in Mathematics. Course may be repeated up to six credits if topics are different. Prerequisite: Must have completed 40 or more credits and have completed (ENG 102 or ENG 333) and (MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher or STAT 152).

MATH 475 Euclidean and Non Euclidean Geometry 3
Axiom systems, models, independence, consistency; incidence, distance betweenness, congruence, convexity, inequalities, parallels, perpendiculars, the Klein model; Saccheri quadrilaterals, limit triangles, and the non-Euclidean geometry of Bolyai-Lobachevsky. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 333 with a grade of 'C' or higher.

Medical Coding and Billing

MCOD 110 Introduction to Medical Coding and Billing 3
An introduction to Medical Coding and Billing, technology and the medical professional, and learning about documentation, confidentiality, and ethics. Prerequisite: Must be admitted into the Medical Coding and Billing Program. Instructor permission required.

MCOD 120 Medical Terminology and Healthcare Environment 3
Designed for students to master medical terminology and learn the history of coding and billing. Prerequisite: Must be admitted into the Medical Coding and Billing Program. Instructor permission required.

MCOD 130 Introduction to Anatomy, Pathophysiology, Disease Processes, and Pharmacology 5
Designed as an introduction to pharmacology, anatomy, pathophysiology and disease processes. Prerequisite: Must be admitted into the Medical Coding and Billing Program. Instructor permission required.

MCOD 140 Health Care Structure and Medical Record Content 3
Designed as an introduction to healthcare structure. Provides an overview of detailed information of each report in the outpatient medical record, and will also present the composition of each of the report types and how they relate to medical coding and billing. Prerequisite: Must be admitted into the Medical Coding and Billing Program. Instructor permission required.

MCOD 200 Introduction to Diagnostic Coding 3
Introduction to Basic Diagnosis Coding. Learn to navigate the code book and find official addition coding conventions and general coding guidelines. Prerequisite: Must have completed MCOD 110 and MCOD 120 and MCOD 130 and MCOD 140.

MCOD 210 Exploring Reimbursement and Procedural Coding and Billing 5
Explores healthcare reimbursement and provides detailed information about the various types of payment systems used to reimburse outpatient services. Introduction to the Current Procedural Terminology (CPT) codebook. Prerequisite: Must have completed MCOD 110 and MCOD 120 and MCOD 130 and MCOD 140.

MCOD 220 Skill Building for Outpatient Coding 6
Skill building for outpatient coding of actual outpatient medical records. Prerequisite: Must have completed MCOD 110 and MCOD 120 and MCOD 130 and MCOD 140.

Management

MGT 103 Introduction Small Business Management 3
Environment and management of the small business enterprise, problems in initiating the business, financial and administrative control, marketing programs and policies, management of business operations, legal and governmental relationships.

MGT 201 Principles of Management 3
Fundamentals and principles of management, administrative policies, objectives and procedures, and problem of organization and leadership.

MGT 280 Negotiation and Conflict Resolution 3
Human Resource professionals engage in conflict resolution and negotiations while carrying out their daily duties. This course provides student with the foundation for both activities. Of special importance is the ability to deal with challenging people in difficult situations requiring the acquisition of special skill sets.

MGT 283 Introduction Human Resource Management 3
Duties and responsibilities of personnel management. Areas covered include employee needs, human relationships, orienting and training employees, benefit programs, and economics of supervision.

MGT 310 Foundations of Management Theory and Practice 3
Develops the students' theoretical foundation for further study in any field involving management. Explores historical thought and the management functions of planning, organizing, directing, and controlling. Provides a practical analysis of leadership, communications, and motivation techniques. Concludes with an exploration of current management challenges and trends. Prerequisite: Must have sophomore standing or higher and have completed ENG 102.

MGT 323 Organizational and Interpersonal Behavior 3
A study of the interpersonal relations between individuals and groups in an organizational setting. Topics include leadership styles and techniques, organizational design, communication, decision making, motivation, perception, group behavior, and coping with stress. Prerequisite: Must have sophomore standing or higher.

MGT 330 Business and Technology 3
This course will cover the relationship between advances in technology and the creation of wealth from the new business opportunities that result from technical innovations. It will cover the basic principles from a historical perspective and then require students to apply those principles to emerging technological innovations. Emphasis will be of the acceleration of technological innovations resulting market place competition in their application to the satisfaction of economic needs. Prerequisite: Must have completed MGT 310.

MGT 367 Human Resource Management 3
Analysis of the personnel policies of business enterprises. Areas of study include recruitment, selection, placement, training, promotion, morale, employee services, compensation, labor relations, and organization and function of human resource departments. Prerequisite: Must have sophomore standing or higher.

MGT 430 Management Technology Leadership 3
This course will teach the basic principles and techniques of identifying and adopting technological advances that have the potential to provide organizations with sustained competitive advantage. The leadership role of managers in being champions of change will be emphasized. Topics covered will include scanning the technological environment, technological forecasting, adoption of innovations and practicing technological leadership by integrating those innovations into the organization's operations, goods and services. Prerequisite: Must have completed MGT 310.

MGT 441 Operational Quality Control and Problem Solving 3
Operational quality control and problem solving in the workplace. Prerequisite: Must have completed MATH 181 or STAT 152.

MGT 480 International Management 3
An overview of the international business environment, conditions affecting firms conducting business overseas, and the effects of a transcultural setting on each of the functional areas of business. Special emphasis on managerial functions and critical elements of the management process in a firm operating under foreign economic, technological, and political, social, and cultural environments. A major focus is on management challenges facing international organizations. Prerequisite: Must have sophomore standing or higher and have completed ENG 102.

MGT 482 Leadership - Progression in Thought 3
Drawing from the fields of Psychology and Management, this course is designed to expose students to foundational theories, conceptual frameworks, and methodologies they will use throughout their careers. Based on the premise that leadership skills can be learned, students will examine various theoretical constructs as a means of becoming more aware of their own leadership styles. Prerequisite: Must have sophomore standing and be accepted into the Bachelor of Applied Science - Management and Supervision program and have successfully completed MGT 310 and ENG 102. Instructor permission required.

MGT 487 Entrepreneurship 3
A comprehensive study of the process of judiciously combining the various factors of production in meeting the needs of consumers in creative and profitable ways. Topics include characteristics of successful managers, starting a new enterprise, forming an entrepreneurial team, venture capital sources, and formulation of a business plan. Prerequisite: Must have completed MGT 310.

Marketing

MKT 127 Introduction to Retailing 3
Intended for those who desire a broad view of retailing from a management point of view. Surveys retailing principles and concepts, and covers store and merchandise management. Topics include store location and organization, personnel, pricing, inventory control, customer service, advertising, promotion, and display. Makes use of case studies and practical situation exercises.

MKT 210 Marketing Principles 3
Study of problems of manufacturers, wholesalers, and retailers in the market of goods and services, channels of marketing, customer relations, functions of sales departments, price policies, and communications.

MKT 211 Introduction to Professional Sales 3
Selling, including buying behavior, product knowledge, prospecting, developing the sales presentation, handling objections, closing the sale, and the personal characteristics required for success. Skills and processes necessary for selling a product or service are applied to special marketing segments: retail, industrial, governmental, and international markets.

Metals

MTL 101 Basic Machine Shop I 4
Learn the basics of work setup, machine operation, turning, threading, broaching, and boring operations. Students will also learn interpretation of and uses of formulas and charts associated with the machine trades. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTL 102 Basic Machine Shop II 4
A four-credit lecture, demonstration, and laboratory course in the study of machine operations used in the reconstruction and repair of industrial equipment. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Machine Tool Technology

MTT 100 Measurement for Machinists 3
Measurement for Machinists will teach the skills necessary to accurately measure parts and fixtures for the manufacturing industry. Skills will focus on micrometers, calipers, CMM, optical comparators and various other measurement tools. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 101 Introduction to Machine Shop 3
Introduces safety procedures, use of bench tools, layout tools, power saws, drill presses, precision measurement tools, rotary tables and indexing devices, lathe and mill cutting tools and tool holding, work holding and machining applications as well as the various hand tools related to the machine shop. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 105 Machine Shop I 3
This course introduces basic machine shop skills which include lathe operation, mill operation, metal removal speeds and feeds, precision measuring techniques, layout methods, band saw and drill press operations, and exposure to the science of heat-treating of metals. Shop safety and etiquette will be stressed. Prerequisite: Must be enrolled in MTT 106. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 106 Machine Shop Practice I 2
Expands the student's manual skills by putting into practice the theories, and user skills introduced in MTT 105. The emphasis will be geared to a more practical, hands-on experience through the use of lathes, layout techniques, vertical and horizontal band saws, measuring instruments and vertical mill work. Shop safety and cleanup are always stressed. Prerequisite: Must be enrolled in MTT 105 This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 110 Machine Shop II 3
Expands skills introduced in MTT 105 to an intermediate level and introduces further skills which include advanced manual milling, advanced manual turning, drill sharpening, speed feeds, grinding and some production methods. Prerequisite: Must have completed MTT 105 and MTT 106 and be enrolled in MTT 111. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 111 Machine Shop Practice II 2
Further develops student's manual skills by putting into practice the theories and user skills introduced in MTT 110. The emphasis will be a more practical, hands-on experience through the use of advanced manual mill work, layout techniques, vertical and horizontal band saws, grinding, measuring instruments and advanced manual turning. Shop safety and cleanup are always stressed. Prerequisite: Must have completed MTT 105 and MTT 106 and be enrolled in MTT 110. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 230 Computer Numerical Control I 1-4
Covers computer numerical control (CNC) lathe operations, program format, and machine setup, G & M codes, control functions, the letter address system, and math issues related to CNC operation. Prerequisite: Must have completed MTT 105 and MTT 110. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 232 Computer Numerical Control II 1-4
Offers the student additional practical experience for development of skills with additional information and exposure to more complex applications of programming, mirror imaging, polar coordinates, tool compensation, threading and computer integrated manufacturing. Prerequisite: Must have completed MTT 230 and CADD 245. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 234 Computer Numerical Control III 1-4
This course covers the advanced programming concepts related to CNC Mill/Turning centers and synchronized 4 and 5 axis mills. Mill/Turn and 4 and 5 axis topics include program format, machine set-up, related G & M codes, live tooling, and indexing devices. Students will program, set-up, and produce a variety of precision machined projects. Prerequisite: Must have completed MTT 230 and MTT 232 and MTT 292 and CADD 245. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 291 CNC Practice 1-6
This course allows for the further development of computer aided manufacturing and/or CNC skills with hands-on instruction related to the design and production of machined parts using CAD/CAM software, CNC milling machines, and CNC turning centers. Students will plan, program, set-up, and produce a variety of precisions machined projects. This course is to be considered lab time for MTT 232, and MTT 292. Prerequisite: Must be enrolled in MTT 232 or MTT 292. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 292 Computer Aided Manufacturing I 1-4
This course provides the student with the essential concepts and techniques that are required for successful creation of two-dimensional part geometry, generation and verification of 3 axis toolpath models, as well as post processing of 3 axis NC codes within a computer-aided manufacturing (CAM) system. Prerequisite: Must have completed MTT 230 and CADD 245. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 293 Computer Aided Manufacturing II 1-4
This course is a continuation of MTT 292 with the addition of simultaneous 4 and 5 axis motion control and provides the student with the essential concepts and techniques that are required for successful creation of 4 and 5 axis toolpath models, as well as, post processing of 4 and 5 axis NC codes within a computer-aided manufacturing (CAM) system. Prerequisite: Must have completed MTT 292. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MTT 296 Computer Numerical Control Practice II 1-4
This course allows for the further development of CNC skills with hands-on instruction related to the design and production of machined parts using CAD/CAM software, CNC milling machines, and CNC turning centers. Students will plan, program, set-up, and produce a variety of precision machined projects. This course is to be considered lab time for MTT 293 and/or MTT 234. Prerequisite: Must be enrolled in MTT 293 or MTT 234. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Music

MUS 101 Music Fundamentals 3
Notation, terminology, intervals, and scales. Designed to furnish a foundation for musicianship. Recommended for teachers in public schools and all others desiring a basic music background.

MUS 103 Voice Class I 1
Fundamentals of tone production, breath control, pronunciation, and practical techniques for interpreting songs. May be repeated for a total of four credits.

MUS 104 Voice Class II 2
A continuation of MUS 103 introducing the Italian art song.

MUS 111 Piano Class I 2-3
Beginning piano class. Music reading and keyboard techniques from beginning through early intermediate levels. No previous musical training required.

MUS 121 Music Appreciation 3
The historical and cultural background of music and origins to the twentieth century.

MUS 125 History of Rock Music 3
The history and stylistic development of rock from its origins, through transitions, and subsequent revolutions.

MUS 175 Rock Jazz Ensemble 1-2
Ensemble members will perform a variety of music, ranging from early jazz styles and standards to contemporary fusion. There will be considerable opportunity for reading music and ad-lib soloing, to increase exposure and the skill level of the performers. The ensemble will vary each semester depending on instrumentalists enrolled and may provide opportunities for vocalists. Some music theory and notation will be studied. Repeatable up to two credits.

MUS 203 Music Theory I 4
Counterpoint and harmony (written and keyboard). Prerequisite: Must have completed MUS 101.

MUS 204 Music Theory II 4
A continuation of MUS 203. Prerequisite: Must have completed MUS 203.

MUS 299 Special Topics in Music .5-6
Consideration of special topics in issues and music. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

MUS 301 Music Theory III 3
An advanced class in tonal theory which includes the study of enriched harmonic resources of the eighteenth and nineteenth centuries as well as an introduction to counterpoint and large musical forms. Prerequisite: Must have completed MUS 203 and MUS 204.

Music

MUSA 145 Voice - Lower Division 1
Private vocal instruction.

Music

MUSE 101 Concert Choir 1-2
Performance of representative choral music of all periods.

MUSE 108 Concert Singers 1
Performance of representative choral music of all periods.

Natural Resource and Environmental Science

NRES 310 Wildlife Ecology and Management 4
Wildlife ecology is the study of interactions between organisms and their environment. Wildlife management is the practice of balancing the needs of wildlife and other factors that have an adverse impact on these species. Explores many aspects of what wildlife managers do to help insure the long term success of wildlife. Prerequisite: Must have completed BIOL 190 or BIOL 191.

NRES 322 Soils 3
The physical, chemical, and biological properties of soils, soil genesis and classification, and plant-soil relationships.

NRES 432 Advanced Environmental Toxicology 3
Chemistry and toxicology of toxicants in the environment, particularly pesticides. Other topics include metals, food additives and hazardous wastes. Describes how selected classes of environmental contaminants interact with cellular processes, biochemical reactions, organs and tissues. Influences on individuals, populations and ecosystems. Describes the relationship(s) between toxicants and the multiple ways they interact with the endocrine system. It is recommended that student have completed CHEM 241 before enrolling in this course. Prerequisite: Must have completed CHEM 122.

Nursing

NURS 130 Nursing Assistant 6
Provides students with classroom, laboratory, and clinical experience. Successful completion fulfills requirements for eligibility to take the Nevada State Board of Nursing Certified Nursing Assistant examination. Offered winter and summer semesters in a condensed four-week class. Offered fall and spring semester as an eight-week class. Students must purchase a package through Complio to track clinical compliance. Clinical Compliance includes, students must be BLS certified, have health insurance, current two-step TB screening and fulfill other vaccine requirements as described in Complio. A background check and drug screening will also be performed as part of the required package. Students are encouraged to complete the Complio package before class begins to ensure

you are eligible to attend clinicals.

NURS 135 Fundamental Concepts in Nursing 8
Introduction to basic concepts and competencies for the application of the nursing process in the care of diverse patients with common health alterations and to promote the health of individuals. Introduction of basic concepts of safe, patient-centered, evidence-based nursing care considering legal and ethical responsibilities of the nurse. Also introduces caring, clinical reasoning, quality improvement, communication, and teamwork when interacting with patients and members of the interprofessional team. Emphasis on essential psychomotor skills and obtaining patient information relevant to care planning. Five credits theory, three credits clinical. Offered fall semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 140 Medical Terminology 3
A study of word derivations and formations with emphasis on understanding of common usage in the health-care setting. Offered as a self-paced class and is open to anyone.

NURS 154 Introduction to Pharmacology 1
Basic principles of safe and effective medication administration and pharmacology of major drug classifications. Principles of medication administration including aspects of best practice for safe, quality, patient-centered care. Includes the use of informatics and media to obtain evidenced-based drug information. One theory credit. Offered fall semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 155 Clinical Decision Making in Drug Therapy 1
Common drug therapy regimen and application of clinical reasoning in management and monitoring of drug effects in acutely ill patients for safe, quality, evidence-based nursing care. Focuses on patient teaching and the nurse as a member of the interprofessional team when providing pharmacological interventions. One credit theory. Offered spring semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 158 Nursing Care of Adults in Health and Illness 5
Building on fundamentals of nursing, this course provides for the acquisition and application of basic adult health nursing theory by applying clinical reasoning and safe, evidence-based, patient-centered, holistic nursing care to diverse patients with common acute health problems. Incorporates a focus on health promotion. Includes the application of the concepts of caring, clinical reasoning, quality improvement, communication, and teamwork, considering legal and ethical responsibilities of the nurse when caring for adults. Two credits theory, three credits clinical. Offered spring semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 159 Nursing Care of Individuals with Mental Health Problems 3
Provides for the acquisition and application of mental health nursing theory for safe, evidence-based, patient-centered, holistic nursing care for diverse patients experiencing common acute and chronic mental health disorders and treatment modalities. Includes the application of the concepts of caring, clinical reasoning, quality improvement, communication, and teamwork, considering legal and ethical responsibilities of the nurse when working with patients with mental health disorders. Two credits theory, one credit clinical. Offered spring semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 252 Nursing Care of the Childbearing Family 3
Provides for the acquisition and application of maternal/child nursing theory for safe, evidence-based, family-centered nursing care for diverse patients. Includes a focus on health promotion and the application of the concepts of caring, clinical reasoning, quality improvement, communication, and teamwork, considering legal and ethical responsibilities of the nurse when working with the childbearing family. Two credits theory and one credit clinical. Offered fall semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 253 Nursing Care of Children and Adolescents 3
Provides for the acquisition and application of pediatric nursing theory by applying clinical reasoning and safe, evidence-based, family-centered, holistic nursing care to diverse children and adolescents with acute and chronic health problems. Includes a focus on health promotion, and the application of the concepts of caring, clinical reasoning, quality improvement, communication, and teamwork, considering legal and ethical responsibilities of the nurse when caring for children and adolescents. Two credits theory and one credit clinical. Offered fall semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 257 Nursing Care of Adults with Acute and Chronic Illness 5
Provides for the acquisition and application of adult health nursing theory by applying clinical reasoning and safe, evidence-based, patient-centered, holistic nursing care to diverse adults with acute illnesses and long-term management of chronic illnesses. Includes a focus on health promotion and the application of the concepts of caring, clinical reasoning, quality improvement, communication, and teamwork, considering legal and ethical responsibilities of the nurse when working with adults. Three credits theory and two credits clinical. Offered fall semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 258 Patients with Complex Health Problems 4
Provides for the acquisition and application of nursing theory for patients experiencing physiological crisis and end of life. Applies clinical reasoning and safe, evidence-based, patient-centered, holistic nursing care to diverse patients with complex health problems. Includes a focus on collaboration and care management, and the application of the concepts of caring, clinical reasoning, quality improvement, communication, and teamwork, considering legal and ethical responsibilities of the nurse in the management of patients in crisis and at the end of life. Two credits theory, two credits clinical. Offered spring semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 273 Professional Development and Transition to Practice 2
Provides for an examination of the impact of clinical microsystems and organizational culture on patient care delivery and nursing practice. Incorporates an analysis of professional development resources for nurses upon entry into practice to facilitate progress form novice to expert. Two credits theory. Offered spring semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 280 Evidence Based Practice for Quality Improvement Seminar 2
This seminar course focuses on the study of collecting and using evidence as a tool for microsystem change and promotion of quality and safety in a variety of healthcare environments. Takes a project-focused approach to collaboration and problem-solving for quality improvement. One credit theory and one credit clinical. Offered spring semester only. Prerequisite: Must be accepted to the Nursing Program.

NURS 285 Selected Topics in Nursing .5-6
Selected nursing topics offered for general interest and nursing continuing education. Not a required course. No prerequisite. Unlimited repeatability. Instructor permission required.

NURS 312 Health Assessment and Health Promotion 3
Explores assessment of the healthcare needs of diverse and underserved populations. The importance of the nurse in identifying health promotion and disease prevention issues for individuals and communities is explored. Refines and expands the nurse's perspective on health assessment through integration of an expanded knowledge base in ethnic and cultural variations, risk behaviors, and common health deviations of populations. Instructor permission required.

NURS 326 Transition to Professional Nursing 5
This course serves as a bridge between the student's current views and those that are presented throughout the program related to the major program concepts and differentiates the baccalaureate program from the AD program at Great Basin College. The course provides an overview of the major areas of nursing studied in more depth throughout the RN and BSN program including: current healthcare systems including rural health and agencies serving underserved populations; quality improvement; nursing research and evidence-based practice; collaborative relationships with the interprofessional team; leadership principles and theories; and information management. Prerequisite: Must be accepted to the RN-BSN program.

NURS 337 Pathophysiology 3
Explores the pathophysiologic processes associated with common chronic and acute health problems across the lifespan. Incorporates the influence of age, ethnicity, and cultural patterns on illness development and

resolution. The evidence base supporting current knowledge of disease processes and common health problems is explored. Instructor permission required.

NURS 417 Information Systems and Quality Management 4
This course examines the role of information systems and quality improvement processes used to monitor and improve healthcare outcomes. Covers the use of information management to impact cost, safety, and coordination of care. Includes adaptations of information access and management in rural environments. Instructor permission required.

NURS 420 Evidence Based Practice and Research in Nursing 3
Introduces students to the nurse as an evolving scholar using the research process, including skills in interpreting published research findings, the science of nursing as the basis for best practices, and evidence based quality improvement measures in healthcare environments. Application of ethics, legal principles, and professional standards are considered when carrying out the research process. Prerequisite: Must have completed or be enrolled in NURS 326 and be accepted to the RN-BSN program.

NURS 429 Population Focused Community Health Theory 4
Synthesis of community and public health nursing concepts and theories for health promotion and disease prevention of rural communities and underserved populations. Application of nursing concepts to plan for health promotion and disease prevention of these populations. Prerequisite: Must have completed NURS 420 and be accepted to the RN-BSN program.

NURS 436 Population Focused Community Health Practicum 4
Students engage in experiential learning activities that focus on application of public/community health nursing concepts to promote optimum health and wellness for rural communities and underserved populations. Incorporates project-focused group work and interprofessional planning and intervention. Prerequisite: Must have completed or be enrolled in NURS 429 and be accepted to the RN-BSN program.

NURS 437 Diversity and Healthcare Policy in Rural Environments 3
Students explore the influence of diversity and healthcare policy on local, national and global issues of healthcare equity, access, affordability, and social justice. Incorporates an analysis of nursing practices that increase cultural competence, affect health policy resulting in improved healthcare access, and reduced health disparities. Instructor permission required.

NURS 443 Nursing Leadership and Management Theory 4
The course explores leadership and management concepts essential for professional nursing practice in current, diverse healthcare environments. Examines the responsibilities of the professional nurse as a leader within structured and unstructured healthcare systems working with the interprofessional healthcare team. Explores the cost of care, safety, legal guidelines, regulatory factors, and measurement of patient satisfaction. Prerequisite: Must have completed NURS 436 and be accepted to the RN-BSN program.

NURS 449 Nursing Leadership and Management Practicum 4
Students engage in experiential learning activities that focus on application of leadership and management concepts, theories, roles, and evidence related to a leadership or management issue in a selected organization or clinical area. Involves collaboration with a preceptor and faculty member for project development and implementation. Prerequisite: Must have completed NURS 443 and be accepted to the RN-BSN program.

NURS 456 Senior Synthesis Seminar 5
This major senior project course engages students in an in-depth exploration of practice area/issue, integrating the knowledge acquired in the liberal arts, science, and baccalaureate nursing courses. Students also identify areas of professional opportunities and continuing education as methods for engaging in life-long learning. Prerequisite: Must have completed or be enrolled in NURS 449 and must have completed or be enrolled in an elective nursing course (NURS 312 or NURS 337 or NURS 490) and be accepted to the RN-BSN program.

NURS 490 Special Topics in Nursing 1-6
Exploration of health issues of specific populations, or aspects of health care and nursing practice including disease prevention and health promotion. Instructor permission required.

Nutrition

NUTR 121 Human Nutrition 3
An introductory nutrition course for the beginning student. Course will center on the major nutrients and their roles in maintaining good health. Students will learn to recognize well-balanced diets and acquire shopping tips and preparation techniques for optimum utilization of food dollars. Class includes four required labs. Prerequisite: Must have completed MATH 95 or higher or earned a satisfactory score in the placement test, ACT, SAT for placement into MATH 96 or MATH 116.

NUTR 223 Principles of Nutrition 3
Application of principles of nutrition. Concepts of nutrients, nutrient requirements, and nutritional changes associated with the aging process, infants to seniors.

Physical Education and Exercise

PEX 113 Basketball 1
Drill work and scrimmages provide opportunity to strengthen passing, shooting, and rebounding skills. Offensive plays and defensive strategies will also be presented. May be taken for credit up to a maximum of three times. [S/U].

PEX 129 Volleyball 1
An introduction to the basic rules, skills, and strategies of volleyball. The individual skills of passing, setting, hitting, blocking, and serving will be taught through drill and game experience. Perimeter and rotation defenses will be covered. May be taken for credit up to a maximum of three times. [S/U].

PEX 134 Rock Climbing 1-2
Rock climbing is an introduction to the fundamentals of how to safely rock climb in the indoor setting and it transitions into intermediate skills that can be applied outdoors. From this course, students will gain an understanding of basic belay technique, climbing technique, rappelling, climbing knots, basic climbing anchors; second half of the semester will include lead belaying and lead climbing skills. Several classes will be held outdoors. May be taken for credit up to a maximum of three times. [S/U].

PEX 143 Karate 1-2
An introduction to martial arts for beginners and a continuation of training for more advanced students. Students will learn martial art skills through the practice of basics, forms, and sparring. Together, with the self-defense aspect, the student will develop a sense of well-being through the self-confidence produced by disciplined training. May be taken for credit up to a maximum of three times. [S/U].

PEX 148 Tai Chi 1-2
Tai Chi is an internal martial art and a set of self-practicing exercises. Because it is an internal martial art, it is used solely for self-defense. It is comprised of four parts: meditation, warm-up exercises, Tai Chi Ch'uan movements, and cool-down exercises. By integrating these four parts, the student learns to combine each part of the body into a whole unit, exercising every muscle, joint, tendon, ligament, and especially the mind. Tai Chi can be used as a wellness program, an exercise program, and a relaxation program, all rolled into one. No special equipment required except for flat-bottomed shoes. Can be performed anywhere. Tai Chi teaches the student to live in harmony with oneself and nature. It is an art and is often called 'poetry in motion.' May be taken for credit up to a maximum of three times. [S/U].

PEX 149 Zumba 1-2
Zumba exercise classes are 'fitness parties' that blend upbeat world rhythms with easy-to-follow choreography, for a total body workout that feels like a celebration. In addition to a great cardio workout, Zumba will tone abs, thighs, glutes, and arms. May be taken for credit up to a maximum of three times. [S/U].

PEX 169 Yoga 1-2
Participation in the various class offerings will increase the student's overall flexibility, enhance physical strength and stamina, increase heart and lung function, and nurture the health and well-being of beginning

and experienced yoga practitioners. Correct structural alignment will be emphasized as well as linking movement with breath; effort with relaxation; and the mind, body, and spirit. May be taken for credit up to a maximum of three times. [S/U].

PEX 170 Cardio Fitness 1-2
In addition to improving cardiovascular fitness, this cardio workout class will help you burn fat and calories and increase your metabolic rate. Cardio workouts also effectively reduce stress, elevate mood, and increase alertness. The class can be modified for most fitness levels and conditions. May be taken for credit up to a maximum of three times. [S/U].

PEX 172 Body Contouring and Conditioning 2
Intended to enhance physical activity to improve overall health and quality of life. Students will learn knowledge of muscle groups, target heart rate, and the potential benefits of regular exercise which includes improved cardiovascular endurance, body composition, flexibility, muscular strength and improved body contour. Students will participate in aerobic activities, calisthenics and sculpting-isometric exercise, sports, conditioning, and flexibility training. May be taken for credit up to a maximum of three times. [S/U].

PEX 173 Circuit Training 1-2
This class is designed to burn calories, sculpt, and tone your entire physique. Students will move around the room to different stations, set up for high intensity interval training, strength training, and core training. Students will learn to execute conditioning and weight training moves with correct form, showing increased strength and endurance. Class can be modified for most fitness levels. May be taken for credit up to a maximum of three times. [S/U].

PEX 180 Strength Training 1-2
Get stronger, leaner, healthier! In this class, students will execute weight and strength training moves with correct form, resulting in reduced body fat, increased lean muscle, improved muscle sculpting, and more efficient calorie burning. The 1-credit course is perfect for your busy schedule, providing an intense, 30-minute, non-stop workout of all major muscle groups. The 2-credit course notches up the strength-training by meeting more frequently and for longer class sessions. This class can be modified for any fitness level. May be taken for credit up to a maximum of three times. [S/U].

PEX 183 Weight Training 3
The proper form and techniques of a lifting exercise will be taught in the beginning class section. The student will learn how to implement the different programs and methods to help them achieve their goals. Spotting techniques to enhance safety will be addressed. Additional sections are offered to help the student develop a stronger and improved physique. May be taken for credit up to a maximum of three times. [S/U].

PEX 199 Special Topics 1-2
Open Workout is one of the regularly offered Special Topics PEX courses. It is a self-designed workout class with full use of the fitness facility and equipment. Other PEX 199 courses are based on current trends and interests. Descriptions of individual Special Topics PEX courses can be found in the current class schedule. May be taken for credit up to a maximum of three times. [S/U].

PEX 207 Total Fitness and Weight Control 2
This class will provide the information and tools to help the student make evidence-based decisions concerning fitness, nutrition, and weight control. The class includes a 30-minute workout followed by a lecture/activity on nutrition and applying nutrition concepts in real world meal planning and preparation, for long-term weight control. May be taken for credit up to a maximum of three times. [S/U].

PEX 351 Teaching Physical Education in Elementary School 3
Designed for elementary education majors and those in related fields. Emphasis is placed on the teaching and spotting of basic gymnastics and tumbling skills. Foundational concepts of balance, flexibility, spatial awareness, motor learning, and risk management will be covered.

Philosophy

PHIL 101 Introduction to Philosophy 3
Basic problems in different areas of philosophy such as ethics, political theory, metaphysics, and epistemology.

PHIL 102 Critical Thinking and Reasoning 3
Covers non-symbolic introduction to logical thinking in everyday life, law, politics, science, advertising; common fallacies; and the uses of language, including techniques of persuasion.

PHIL 129 Introduction to the New Testament 3
Surveys New Testament books and related literature from a nondenominational perspective. Textual and literary criticism will be practiced, and the historical background of the authors and their writings will be considered. Prerequisite: Must have completed ENG 100 or ENG 101 or have satisfactory score in ACT or SAT exams for ENG 102.

PHIL 145 Religion in American Life 3
History and organization of major religious groups in America, with special attention given to the relationships between religious convictions and social issues such as minority rights, welfare, sexual mores, and political affiliation.

PHIL 200 The Judeo-Christian Tradition 3
The philosophy of Biblical religion in the Old and New Testaments. Includes Israelitic cosmology, monotheism, the prophets, the parables of Jesus, and the letters of Paul.

PHIL 207 Introduction to Social and Political Philosophy 3
Readings and discussion of theories concerning the nature of society and political structure from classical and contemporary philosophers.

PHIL 210 World Religions 3
The moral and religious views of world religions including Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism, and Taoism.

PHIL 311 Professional Ethics 3
A study of the nature of ethical thinking and its application to judgments about actions of people that make up society. Topics to be considered include ethical relativism, moral virtues and vices, foundations of morality, alternative theoretical perspectives on moral judgment, egoism, altruism, and legal and regulatory perspectives related to ethics in business. (Formerly offered as ECON 311) Prerequisite: Must have completed an associate's degree.

PHIL 361 Introduction to the Pauline Letters 3
Students will study the writings of Paul, using the practices of literary criticism, historical criticism, textual criticism, and other modern method of literary study. Course material includes Saul of Tarsus as an historical figure, Paul in the book of Acts, an exegesis of each of Paul's letters, the collation and distribution of the Pauline corpus, the Acts of Paul, and the place of Paul in Christian tradition. Prerequisite: Must have completed ENG 100 or ENG 101 or have satisfactory score in ACT or SAT exams for ENG 102.

Physics

PHYS 100 Introductory Physics 3
A concise treatment of the basic principles of physics. Includes mechanics, matter, electricity, magnetism, heat, sound, light, relativity, and nuclear physics. Prerequisite: Must have completed with a C or better or be currently enrolled in: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher.

PHYS 107 Technical Physics I 3
Investigates traditional topics of physics. Topics include mechanics, electricity, basic solid state components, optics, gases, hydraulics, fluids, and thermodynamics. This course provides a basic understanding of how physical systems are related and their technical applications. Hands-on labs, demonstrations, and calculations are an integral part of the course. Prerequisite: Must have completed with a C or better or be currently enrolled in: MATH 116 or MATH 116E or MATH 120 or MATH 120E or MATH 126 or MATH 126E or higher.

PHYS 117 Meteorology 3
Description of the behavior of the atmosphere with special emphasis on the physical processes involved in the weather.

PHYS 151 General Physics I 4
Primarily for students in arts and science. Topics include kinematics, energy and momentum conservation, rotational dynamics, thermodynamics, fluids, harmonic motion, and sound. Laboratory experiments

illustrate many of these fundamental principles. Prerequisite: Must have completed MATH 127 or higher.

PHYS 152 General Physics II 4
A continuation of PHYS 151. Topics include electrostatics, circuits, magnetism, induction, AC circuits, electronics, light optics, special relativity, and an introduction in quantum theory. Lab included. Prerequisite: Must have completed PHYS 151.

PHYS 180 Physics for Scientists and Engineers I 4
A comprehensive, calculus-based physics course designed for advanced science and engineering students. Consists of intensive word problem solving covering topics of kinematics, vectors, forces, energy, momentum, rotation, angular momentum, equilibrium, elasticity, gravity, fluids, and oscillations. Lab included. Prerequisite: Must have completed MATH 181 with a grade of 'C' or higher.

PHYS 181 Physics for Scientists and Engineers II 4
A calculus-based investigation of thermodynamic laws, kinetic theory, electric charge, field, potential, current, dielectrics, circuit elements, magnetic fields and materials, electromagnetic oscillations. Lab included. Prerequisite: Must have completed MATH 181 and PHYS 180.

PHYS 182 Physics for Scientists and Engineers III 4
A calculus-based investigation of Faraday's laws and inductance, AC, EM waves, light, optical systems, interference, diffraction, polarization, relativity, quantum physics, atoms, molecules, solids, nuclei and radioactivity, elementary particles. Includes a weekly laboratory component. Prerequisite: Must have completed PHYS 181.

PHYS 483 Special Topics in Physics 1-3
Topics of current interest which are not incorporated in regular offerings. Prerequisite: Must have completed PHYS 182.

Political Science

PSC 100 The Nevada Constitution 1
An introduction to the political history of Nevada through an in-depth examination of the basic law of the state, the Nevada Constitution as originally written and subsequently amended. Self-paced reading program. Course satisfies the Nevada Constitution requirement for out-of-state students who have already satisfied the three-credit U.S. Constitution requirement and are transferring into a GBC program.

PSC 101 Introduction to American Politics 3
A survey of United States, national, state, and local governments with emphasis on the cultural aspects of the governing process. Satisfies the legislative requirement for the United States and Nevada Constitutions.

PSC 210 American Public Policy 3
Analysis of the interplay of forces involved in policy making at all levels of American government. Study of the impact of policy on individuals and institutions.

PSC 231 Introduction to International Relations 3
Introduction to the study of international relations that stresses a systematic approach to world politics.

PSC 295 Special Topics in Political Science 1-3
Course may utilize special emphasis topics/instructors or be offered as an individualized study format with directed readings. Classes will usually mirror offerings at other NSHE institutions. Unlimited repeatability. [S/U].

PSC 401F Public Opinion and Political Behavior 3
Studies factors which shape basic political attitudes, circumstances which result in different kinds of political behavior, and psychological aspects of American government and politics in relation to public opinion in electoral politics, governance, and democratic theory. Prerequisite: Must have completed 40 or more credits including PSC 101 or PSC 210 or instructor approval.

PSC 401Z Special Topics in American Government 3
Analysis of selected research and topical issues of political systems. May be repeated for a maximum of 12 credits. Prerequisite: Must have completed 40 or more credits including PSC 101 or PSC 210 or instructor approval.

PSC 403C Environmental Policy 3
An examination of environmental policy and environmental law including issues in policy formulation and implementation, the basic statutory and regulatory framework, and judicial interpretation of the law. Prerequisite: Must have completed 40 or more credits including PSC 101 or PSC 210 or instructor approval.

PSC 403K Problems in American Public Policy 3
Examination of American public policy frameworks and spectrum of the political characteristics, institutions, and dynamics associated with decision-making processes in American government. Prerequisite: Must have completed 40 or more credits including PSC 101 or PSC 210 or instructor approval.

Psychology

PSY 101 General Psychology 3
Survey of the discipline introducing psychological theories, research methods, and principles of behavior.

PSY 102 Psychology of Personal and Social Adjustment 3
A study of personality and adjustment in normal persons. Adjustment techniques and reactions to frustration and conflict in the content of various social groups considered.

PSY 105 Introduction to Neuroscience 3
An introduction to neuroscience and the impact of neural diseases on society. Same as BIOL 105.

PSY 130 Human Sexuality 3
Provides a practical, informational approach to this subject. Surveys the biological, cultural, and ethical aspects of human sexuality.

PSY 208 Psychology of Human Relations 3
Explores the relationships between human beings and assists in the development of interpersonal communication skills which can be used personally and professionally.

PSY 233 Child Psychology 3
An overview of the theories, stages, and development of the child. Provides a practical and informational view of a child's cognitive, social, and personality development.

PSY 234 Psychology of Adolescence 3
Examines psychological development during adolescence with emphasis on special problems in American society including drug abuse, pregnancy, and familial problems.

PSY 241 Introduction to Abnormal Psychology 3
An overview of abnormal psychology with emphasis on the symptomology, etiology, diagnosis, treatment and prevention of the major psychological disorders. May be repeated up to three times. Prerequisite: Must have completed PSY 101.

PSY 276 Aging in Modern American Society 3
The psychological and sociological development and the changes attendant to the process of aging in society. The course presents theory and research in the field, implications for social policy, and discusses perspectives on death and dying. Same as SOC 276.

PSY 299 Special Topics 1-6
Selected problems and conceptual issues in psychology. Issues selected will depend upon current interest of staff and students. May be repeated up to three times.

PSY 412 Motivation and Emotion 3
Basic principles and theories of motivation and emotion. Examination of major themes and contemporary research in the field. Prerequisite: Must have completed 40 or more credits including PSY 101 or PSY 208 or instructor approval.

PSY 435 Personality 3
Study of personality as a psychological construct with emphasis on its structure, development, and measurement. Prerequisite: Must have completed 40 or more credits including PSY 101 or PSY 208 or instructor approval.

PSY 460 Social Psychology 3

Social and group factors affecting individual behavior. Topics include social perception, opinions, and attitudes; influence processes; and small group behavior. Prerequisite: Must have completed 40 or more credits including PSY 101 or PSY 208 or instructor approval.

Radiology

RAD 101 Exploration of Radiology 1
For students who are interested in becoming a radiological technologist. Designed to give basic knowledge of what a radiological technologist does and what careers are available in this field. The major learning outcome of this course is to help students determine if this is the right career choice for them.

RAD 112 Patient Care and Medical Terminology 2
Covers procedures and practices related to radiological technology with an emphasis in patient care, patient safety, and communication. Aseptic techniques and procedures used to maintain a sterile field is explained. The use of prefixes, suffices, roots, and medical terms will be covered. Previous Medical Terminology course is recommended but not required. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 116 Radiography I 3
Learn radiology positioning and anatomy. Identify the anatomic structures that will be on an x-ray examination, pathology noted, and radiation safety measures that should be used. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 118 Radiology Physics and Circuitry 3
Provides knowledge of x-ray terminology and structure of x-ray circuitry, radiation production, radiation characteristics, and the photon interactions. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 124 Radiographic Photography and Techniques 3
Covers processing of the radiographic image, from darkroom to computerized radiography. The principles and practices with manipulation of exposure factors to obtain acceptable image quality will be discussed at length. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 126 Radiography II 3
A continuation of RAD 116. Reviews advanced radiology procedures, pathology noted on images, radio-pharmacology, and film critique. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 128 Imaging Equipment 3
Review all the radiographic equipment used in imaging departments and the equipment works. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 198 Special Topics in Radiology .5-6
Covers limited radiology technology procedures and practices related to radiology technology with an emphasis on improving quality, radiation safety, and patient positioning. Designed for students who work with radiology equipment and want to enhance their skills. Unlimited repeatability.

RAD 225 Clinical Radiology I 5
A planned clinical experience. Gives the student the opportunity to apply didactic education to work-related examinations under the supervision of a registered technologist. The student must demonstrate clinical competency to continue in the program. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 226 Clinical Radiology II 10
A continuation of RAD 225. The student will continue to apply knowledge gained in the classroom to work experience. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 227 Clinical Radiology III 10
A continuation of RAD 226. Further clinical experiences will take place in order to achieve required competency. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 238 Radiation Safety and Protection 2
Course covers the ALARA (as low as reasonable achievable) concept. It also includes the definitions and significance of radiation protection and the biological effects of radiation. National and state requirements will be discussed. Offered online. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 240 Culmination of Radiography Topics 1
This course builds on knowledge and experience gained from previous radiology courses to develop a deeper understanding of radiographic physics, positioning, anatomy, image production and evaluation and anatomy, physiology and pathology topics. Prerequisite: Must be admitted into the Radiology Technology Program.

RAD 243 Medical Imaging Pathology 3
This online course will cover medical imaging pathology. The student will study disease utilizing medical imaging processes. It is critical for medical imaging professionals to understand the basic pathologic processes, therefore, this course will review pathological terms, etiology of disease, disease manifestation, and the role medical imaging plays in the diagnosis of disease. Prerequisite: Must be admitted into the Radiology Technology Program.

Real Estate

RE 101 Real Estate Principles 4
A general overview of the touching on a variety of topics such as escrow, title work, contracts, appraising, and listings. It is designed to give the student a basic understanding of how the business operates for 30 hours of instruction on the principles of real estate with 15 hours of instruction on agency. Can be taken concurrently with RE 103. Successful completion of RE 101 and RE 103 along with the passage of the Nevada Real Estate Exam qualifies one to become a licensed real estate salesperson in Nevada.

RE 103 Real Estate Law and Practice 4
Includes 30 hours of instruction in real estate law including land economics and appraising, land description, financing and insurance, escrows and closings, subdivisions and developments and 15 hours of instruction on contracts. Successful completion of RE 101 and RE 103 along with the passage of the Nevada Real Estate Exam qualifies one to become a licensed real estate salesperson in Nevada.

Sociology

SOC 101 Principles of Sociology 3
Sociological principles underlying the development, structure, and function of culture including society, human groups, personality formation, and social change.

SOC 275 Introduction to Marriage and the Family 3
Prepares the student for contemporary issues or problems encountered in dating, courtship, marriage, and parenthood. Emphasis will be on changing roles within families, communications, and parent-child interactions.

SOC 276 Aging in Modern American Society 3
The psychological and sociological development and the changes attendant to the process of aging in society. The course presents theory and research in the field, implications for social policy, and discusses perspectives on death and dying. Same as PSY 276.

Spanish

SPAN 101 Basics of Spanish I 3
Listening, reading, writing, and basic conversational skills. Building a vocabulary of Spanish-English words. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

SPAN 102 Basics of Spanish II 3
A second semester of Conversational Spanish, designed to continue and improve the skills learned in the first semester. Prerequisite: Must have completed SPAN 101. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

SPAN 111 First Year Spanish I 3
Development of language skills through practice in listening, speaking, reading, writing, and structural analysis. Language practice required.

SPAN 112 First Year Spanish II 3
A continuation of SPAN 111. Language practice required. Prerequisite: Must have completed SPAN 111.

SPAN 199 Special Topics in Spanish 1-3
Emphasizes intermediate to advanced speaking, reading, writing, and grammar skills in Spanish. Advanced-level Spanish will focus on reading literature excerpts with discussion in Spanish, with a continued review of previously learned grammar and vocabulary. Emphasis will be placed on grammatically correct usage, pronunciation, and communication, with expanded vocabulary usage. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

SPAN 211 Second Year Spanish I 3
Considers structural review, conversation and writing, and readings in modern literature. Prerequisite: Must have completed SPAN 112.

SPAN 212 Second Year Spanish II 3
A continuation of SPAN 211. Prerequisite: Must have completed SPAN 111 and SPAN 112 and SPAN 211.

SPAN 305 Spanish Composition 3
The advanced student of Spanish will be exposed to a free-writing approach in the composition of essays in Spanish. Auxiliary activities will include vocabulary development and grammatical refinement as well as a grounding in and further review of Spanish grammar and the use of idiomatic speech. Prerequisite: Must have completed SPAN 212.

SPAN 400 Practicum in Spanish in the Community 2
Supervised experience as an interpreter or translator using Spanish for local agencies or schools. Prerequisite: Must have completed SPAN 212 and be enrolled in SPAN 305.

Statistics

STAT 152 Introduction to Statistics 3
Includes descriptive statistics, probability models, random variables, statistical estimation and hypothesis testing, linear regression analysis, and other topics. Designed to show the dependence of statistics on probability. It is recommended that students have completed prerequisites within two years of enrolling in this course. Prerequisite: Must have completed MATH 126 or MATH 126E or higher with a 'C' or higher.

Land Surveying/Geomatics

SUR 255 Introduction to Mine Surveying 3
Surface and underground surveying techniques specifically applied to mineral exploration and mining operations.

SUR 280 Fundamentals of Geomatics I 4
A comprehensive study of angle measurement systems, taping, the traverse, differential leveling, profile leveling, plan and profile sheet, the circular curve, the vertical curve, the USGS 7.5 minute map, and elementary topographic mapping. The application of statistics to surveying, the assumptions underlying surveying on the plane, and reference surfaces are stressed in this course. In the laboratory portion of the course, students will make survey measurements, maintain a field book, and adjust survey data as appropriate. Weekly laboratory reports using the measured data to compute a survey product are required. Lecture+Lab: 3+3. Four semester hours. Prerequisite: Must have completed (MATH 127 or MATH 128) and be enrolled in or have completed STAT 152 and CADD 121.

SUR 281 Fundamentals of Geomatics II 4
A comprehensive study of the construction and calibration of the modern total station, instrument errors, face positions, survey astronomy, control leveling, calibration of the EDMI, large-scale topographic mapping, and the use of the data collector. In the laboratory portion of this course, students will apply the fundamental principles underlying total station instrument errors, EDMI calibration, astronomic observations for azimuth and large-scale topographic mapping. Weekly laboratory reports using measured data to compute a survey product are required. Lecture+Lab: 3+3. Four semester hours. Prerequisite: Must have completed SUR 280.

SUR 290 Introduction to Urban Development 4
An introduction to the process of land development and construction layout. An emphasis is placed on those Nevada State Statutes that define the duties of the Professional Land Surveyor in the subdivision of land. The laboratory portion of the course provides practical exercises involving Topographic Mapping, ALTA/ACSM Title Surveys, Standards of Practice, Elevation Certificates, and Subdivision Design. Lecture+Lab: 3+3. Four semester hours. Prerequisite: Must have completed CADD 121.

SUR 320 GIS for Surveyors 3
Reviews the basic concepts in the development and use of Geographic Information Systems (GIS). The course focuses on the application of GIS for land parcel management or the Land Information System (LIS). Applies measurement science to the collection of land information data and the development of the base map. Develops the legal issues associated with the development of land information systems. Introduces the concept of the cadastre and the history associated with land parcel management in the United States. Prerequisite: Must have completed GIS 109.

SUR 330 Introduction to Least Square Adjustment 3
This course provides an introductory study of the concepts and mathematics involved in performing least squares adjustment of survey data. The student is introduced to the use of matrices to handle data, systems of linear equations, the use of the Taylor series to linearize equations, the principles of error propagation, and several methods used to fit survey data to mathematical and survey models. Prerequisite: Must have completed MATH 181.

SUR 340 Photogrammetry and Remote Sensing 3
Principals of photogrammetry and remote sensing as applied to surveying and mapping. Includes the mapping camera, the photograph, the stereo model, the strip and the block, and flight planning principles. The impact of the digital revolution on photogrammetry, image processing, and remote sensing principles are important topics covered in this course. Prerequisite: Must have completed (MATH 127 or MATH 128) and (PHYS 151 or PHYS 180).

SUR 360 Public Land Surveying System 3
The U.S. Public Land Survey System (PLSS) as described in Official Government Survey Manuals (1851-1973) with emphasis on evidence, both federal and state rules, resurveys, and subdivision of sections. A field project to recover original evidence of the GLO Surveys is required. Prerequisite: Must have completed MATH 127 or MATH 128.

SUR 365 Land Descriptions 3
Analysis, interpretation, and writing of land descriptions, proper form, controlling elements, metes-and-bounds, sectionalized land descriptions, easements, and right-of-way. Considerations of the parent title, interpretation of expressions, bounds calls, different types of descriptions, junior-senior rights in descriptions, title considerations, and research of public and private records. Prerequisite: Must have completed SUR 360.

SUR 440 Geodetic and GPS Surveying 3
Introduces geometric reference to ellipsoids, ellipsoidal and local coordinate systems, coordinate transformation in 2D and 3D, datums and datum transformations, orthometric heights, the reduction of field observations, effects of the earth's gravitational field, state plane coordinate systems, and GPS network design. The student is expected to design a GPS network, collect the data, and process the data to extend control to unknown project control stations. Prerequisite: Must have completed SUR 281 and SUR 330 and (PHYS 152 or PHYS 181).

SUR 450 Construction Surveying 3
Prepares students for organizing, planning, and cost estimating for construction and civil engineering projects. Topics include intersections, horizontal curve, spiral curves, vertical curve fitting, route design elements, cross sections, volumes, and other pertinent topics. Prerequisite: Must have completed SUR 281 and SUR 290.

SUR 456 Advanced Mine Surveying 1
An independent study course on advanced survey concepts underlying surface, underground mining, and geomatics projects, including their representations, interpretations, relationships with quality assurance/quality control measures, and their use in geomatics projects. Computations necessary to develop fundamental mine surveying principles, subsurface location principles, and geomatics projects will be expected from

the student. Prerequisite: Must have completed SUR 255 and SUR 440.

SUR 460 Advanced Boundary Analysis 3
Study of boundary resolution where occupation and possession are not consistent with the record location. Study of unwritten property rights and the presentation of defensible evidence. Review of principles of land tenure and the cadastre, the Statute of Frauds, constructive notice, recording laws, and water boundaries. Prerequisite: Must have completed SUR 365.

SUR 495 Land Surveying/Geomatics Capstone 3
Final student project requiring the application of knowledge and skills acquired in previous field experience and coursework. Project may include field/office evidence research, urban subdivision layout, descriptions, map/plat construction, and/or a directed undergraduate research project. Includes the creation of a student portfolio or project report. Instructor permission required.

Social Work

SW 101 Introduction to Social Work 3
The course acquaints students with the history, philosophy, values, and knowledge base of the social work profession. The course emphasizes human diversity and generalist practice. The goals of the course are to (1) provide students with an accurate understanding of what social workers do, (2) begin to socialize students to the values and philosophy of the social work profession, (3) introduce students for the methods and approaches of social work, (4) introduce students to the generalist social work practice paradigm, and (5) develop a basic level of critical thinking and writing skills needed in social work practice.

SW 230 Crisis Intervention 3
Analysis of crisis theories, definition of crisis, what can cause crisis, effects of crisis, and resources for crisis, and resources for crisis intervention. Prerequisite: Must have completed PSY 101.

SW 250 Social Welfare History and Policy 3
Explores the historical development of the social work profession and current policies governing the social service delivery system within the United States. Social policy is presented as a social construction influenced by a range of ideologies and interests. Special attention is paid to social welfare policy and programs relevant to the practice of social work, including poverty, child and family well-being, mental and physical disability, health, and racial, ethnic, and sexual minorities. The course includes a focus on the role of policy in creating, maintaining or eradicating social inequities. Prerequisite: Must have completed SW 101.

SW 310 Human Behavior and the Social Environment I: Structural Factors and Macro Systems 3
SW 310 is the first course in a two-course sequence that promotes a multidimensional understanding of human functioning and behavior across systems and the life course. This course specifically examines human behavior manifested in larger systems as well as the reciprocal relationship between individual functioning and social institutions. In particular, the course orients students to social work perspectives that view human behavior as being influenced and impinged upon by environmental forces. The course advances students' ability to critically examine the role of power, privilege and oppression in shaping life experiences. Prerequisite: Must have completed ANTH 101 and PSY 101 and SOC 101 and SW 101 and SW 250 and (ECON 102 or ECON 103) and ((HIST 101 and HIST 102) or PSC 101) or instructor approval.

SW 311 Human Behavior and the Social Environment II: Micro and Mezzo Systems 3
SW 311 is the second course in a two-course sequence that promotes a multidimensional understanding of human functioning and behavior across systems and the life course. This course specifically examines human behavior and functioning among individuals and families. In particular, the course emphasizes and evidence-informed approach to assessing human functioning. The course advances students' ability to critically apply a range of theories and research to better understand and assess human behavior and development. Prerequisite: Must have completed SW 310 or instructor approval.

SW 321 Basics of Professional Communication 3
Focuses on the development of basic communication and observational skills needed for subsequent social work methods courses. Communication topics to be addressed include: active listening, questioning, empathetic responding, paraphrasing, summarizing, persuasive writing, and non-verbal communication. Emphasis will be placed on developing observation and communication skills that capture events in ways that are descriptive, accurate, and unbiased. Given the importance of nonjudgmental and unbiased communication to rapport, the course will examine the role of power differentials, gender, culture, class, context and ethnicity/race on professional communication. Prerequisite: Must have completed (ENG 100 or ENG 101) and ENG 102 and PSY 101 and SW 101 or instructor approval.

Technical Arts

TA 100 Shop Practices 1-4
An introduction to hand tool identification and proper use, shop safety, and other topics including screw thread, hydraulic hose, fitting identification, and measuring devices. Unlimited repeatability. Prerequisite: Must have completed IT 106 or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

TA 108 Applied Math for Technicians 3
Emphasizes the ability to understand and apply math to solve problems in society and the workplace. Topics include a review of whole numbers, fractions, mixed numbers, decimals and percentages, plus geometry, and formulae, basic right angle trigonometry, elementary statistics, probability, linear equations, and measurement methods. This course employs lecture, small group collaboration, and hands-on lab activities relating to student's major emphasis. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

TA 299 Special Topics in Technical Arts 1-5
Consideration of special topics and issues in technical arts. Selection will depend upon current interests and needs. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

Theater

THTR 100 Introduction to Theatre 3
A survey of the basic principles, facts, and theories providing an understanding of the art of theatre. Course also includes a special focus on the practical technical aspects of the theatre and on live theatre experiences.

THTR 102 Introduction to Stage Voice 3
Fundamentals of voice production including relaxation, alignment, breath, resonance, and articulation. Vocal health and the physiological aspects of voice/speech production. Students will complete performance projects.

THTR 105 Introduction to Acting I 3
Examines acting fundamentals and focuses on development of vocal, physical, and creative tools to be used on stage.

THTR 198 Special Topics in Theatre 1-3
Consideration of special topics and issues in speech. Selection will depend upon current interests and needs. An additional emphasis provides for a responsive class which allows student actors from GBC, area high schools, and community theatres to work together on particular theatrical challenges. Unlimited repeatability.

THTR 199 Play Structure and Analysis 3
Introduction to the study of basic principles of script analysis: form, style, structure and theme. Survey of theatrical literature and Ancient Greece to the present.

THTR 204 Theatre Technology I 3
Lecture and discussion encompassing the philosophy and techniques of technical theatre.

THTR 205 Introduction to Acting II 3
Continuation of THTR 105. Prerequisite: Must have completed THTR 105.

THTR 209 Theatre Practicum 1-6

Performance and production of plays for GBC's Little Theatre season.

THTR 214 Theatre Technology II 3
A continuation of THTR 204, with lecture and discussion resulting in a deeper understanding and application of the philosophy and techniques of technical theatre. Prerequisite: Must have completed THTR 204.

THTR 221 Oral Interpretation 3
Introduction to and practice of oral interpretation of literary and dramatic works from Shakespeare to contemporary writers and poets.

THTR 306 Advanced Acting 3
Offers an advanced approach to acting with an emphasis on character work, character analysis, rehearsal process, performance proficiency, and ensemble work. Students will continue development of technical skill, awareness, and fundamental understanding of acting through scene work, monologues, and specified techniques. Repeatable up to six credits. Prerequisite: Must have completed THTR 105 or THTR 205.

Welding

WELD 105 Drawing and Weld Symbol Interpretation 3
An introduction to the interpretation of basic elements of blueprints, sketches, and interpretation of welding symbols. Prerequisite: Must have been accepted into the Welding Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 110 Basic Arc Welding Principles and Practices .5-5.5
Course provides students with the basic knowledge and understanding to complete fillet and groove welds in the 1G and 1F positions using the shielded metal arc welding (SMAW) process on plain carbon steel. (15 contact hours per credit) Prerequisite: Must have been accepted into the Welding Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 136 Welding for the Maintenance Technician I 1-3
In this course the Maintenance Technician will learn safety in welding and Oxy-Fuel Cutting operations. Also covered in this course, the Maintenance Technician will gain an understanding of electrodes and electrode selection as well as develop an understanding on Shielded Metal Arc Welding equipment that is used in the shop and field environments. The Maintenance Technician will perform the operation of using high alloy electrodes to extract broken bolts. The Maintenance Technician will become knowledgeable in the MSHA and OSHA fabrication regulations regarding hand railing. Repeatable up to three times. (Formerly WELD 135, Welding for the Maintenance Technician I) Prerequisite: Must have been accepted into the Diesel Technology Program or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 150 Metallurgy Fundamentals for Welding .5-3
Explore the basic scientific theory as well as the practical side of metallurgy as it pertains to the welding field. May be repeated up to three credits. Prerequisite: Must have been accepted into the Welding Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 160 Welding Design/Layout and Pipefitting 6
A laboratory and lecture course in the design, layout, and construction of plate, pipe, and structural beams used in the fabrication and welding industries. Prerequisite: Must have been accepted into the Welding Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 198 Special Topics in Welding 1-6
Consideration of special topics and issues in welding. Selection will depend upon current interests and courses may include pipefitting techniques, blacksmithing, ornamental iron work, other welding projects, and Tech Prep related theory. Unlimited repeatability. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 210 Advanced Welding Principles and Practices .5-5.5
Course provides students with the advanced knowledge to produce high quality welds in all positions on plain carbon steel, using the shielded metal arc welding (SMAW) process. Requires passing a 2G-3G limited thickness qualification test on plain carbon steel. (15 contact hours per credit) Prerequisite: Must have completed WELD 110 or have been accepted into the Welding Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 220 Gas Metal (GMAW) and Flux Cored Arc Welding (FCAW) .5-11
Course provides students with the knowledge to produce high quality welds in all positions on plain carbon steel, using the gas metal arc welding (GMAW) short circuit transfer mode and flux cored arc welding (FCAW) processes. Also requires use of the spray transfer mode for the 1F-2F and 1G positions on plain carbon steel. (15 contact hours per credit) Prerequisite: Must have been accepted into the Welding Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 224 Welding Projects 1-6
Layout, fit up, and fabrication. Class provides an opportunity to use welding skills to produce any number of different projects. (15 contact hours per credit) [S/U] This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 231 Welding III, Gas Metal and Flux Cored Arc Welding 3
Provides training and hands-on welding experience in the welding process of Gas Metal (GMAW) and Flux Cored Arc Welding (FCAW).

WELD 235 Welding for the Maintenance Technician II 1-3
The course is designed to give the Maintenance Technician a basic understanding of the principles of the Flux Cored Arc Welding process with hands-on training. The course will also cover the Carbon Arc Cutting process, joint designs, welding symbols, weld testing and inspection. Repeatable up to three times. Prerequisite: Must have completed WELD 136 or have been accepted into the Diesel Technology Program or have been accepted into the Industrial Millwright Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 240 Gas Tungsten Arc Welding (GTAW) 1-8
Course provides students with the knowledge to produce high quality welds in all positions on plain carbon steel, aluminum, and stainless steel using the gas tungsten arc welding (GTAW) process. (15 contact hours per credit) Prerequisite: Must have been accepted into the Welding Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 250 Welding Certification Preparation 1-6
Through instruction and practice, this course prepares the student to pass one or more of the American Welding Society certification tests. [S/U] Prerequisite: Must have completed WELD 210 and WELD 221. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WELD 260 Pipe Welding 8
Course provides students with the knowledge of pipe welding principles using shielded metal arc welding processes. (15 contact hours per credit) Prerequisite: Must have completed WELD 210 or have been accepted into the Welding Technology Program. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable

for other baccalaureate degrees in Nevada.

WELD 275 Line Boring 6
This course is designed to give the student a basic understanding of the principles of Line Boring and Bore Welding used in the mining industry for bore repair applications. Prerequisite: Must have completed WELD 220. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

World Languages and Literature

WLL 111 First Year Shoshoni I 3
A beginning Shoshone language course that introduces students to the fundamentals of Shoshone. As they fuse linguistic forms with culturally appropriate themes, students will develop a foundation in the Shoshone language that translates well for use in their everyday lives.

WLL 112 First Year Shoshoni II 3
A continuation of WLL 111. Language practice required. Prerequisite: Must have completed WLL 111.

Women's Studies

WMST 101 Introduction to Women's Studies 3
Introduces the methods and concerns of women's studies drawing from history, psychology, sociology, law, and language.

Woodworking

WOOD 197 Beginning Woodworking 3
Tool identification and uses, tools and machine safety, project design and construction, gluing, laminating, mechanical drawings, and sketches of three views. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

WOOD 221 Advanced Woodworking 3
Advanced woodworking is a continuation of the skills and practices learned in beginning woodworking. The course is designed to meet the individual needs of the student through advanced woodworking construction practices which will be employed on an individual student need basis. Prerequisite: Must have completed WOOD 197. This course cannot be used for an Associate of Arts (A.A.), Associate of Science (A.S.), Bachelor of Arts (B.A.), or Bachelor of Science (B.S.) degree, and may not be transferable for other baccalaureate degrees in Nevada.

College Board Advanced Placement Examination (CBAPE)

Upon receipt of an official score report from the College Board, the Great Basin College Admissions and Records Office grants credit as specified and assigns a grade of S for scores as follows:

Examination	Score	GBC Course Equivalent	Credit Granted
Art			
History	3, 4, or 5	ART Elective	3
Studio Art	3, 4, or 5	ART Elective	3
Biology	3	BIOL 100	3
	4 or 5	BIOL 190 and 191[1]	6
Chemistry	3	CHEM 121[1]	3
	4 or 5	CHEM 121 and 122[1]	6
Computer Science			
Computer Science A	3, 4, or 5	CS 135	3
Computer Science AB	3, 4, or 5	CS Elective	3
Economics			
Microeconomics	3, 4, or 5	ECON 102	3
Macroeconomics	3, 4, or 5	ECON 103	3
English Language and Composition	3	ENG 101	3
	4 or 5	ENG 101 and 102	6
English Literature and Composition	3	ENG 101	3
	4 or 5	ENG 101 and ENG Elective	6
Environmental Science	3, 4 or 5	ENV 100	3
French			
French Language and Culture	3	FREN 111 and 112	6
	4	FREN 112 and 211	6
	5	FREN 211 and 212	6
Geography, Human	3, 4, or 5	GEOG 106	3
History			
American	3, 4, or 5	HIST 101 and History Elective[2]	6
European	3, 4, or 5	HIST 105 and 106	6
World	3, 4, or 5	HIST Elective	3

College Board Advanced Placement Examination (CBAPE) (Continued)

Examination	Score	GBC Course Equivalent	Credit Granted
Mathematics			
Calculus AB	3, 4, or 5	MATH 181	4
Calculus BC	3, 4, or 5	MATH 181 and 182	8
Statistics	3, 4, or 5	STAT 152	3
Music Theory	3, 4, or 5	MUS Elective	3
Physics			
Physics 1	3, 4, or 5	PHYS 151[1]	3
Physics 2	3, 4, or 5	PHYS 152[1]	3
Physics B	3, 4, or 5	PHYS 151 and 152[1]	6
Physics C (Mechanics)	3, 4, or 5	PHYS 180[1]	3
Physics C (Electricity and Magnetism)	3, 4, or 5	PHYS 181[1]	3
Political Science			
U.S. Government and Politics	3, 4, or 5	PSC Elective[3]	3
Comparative Government and Politics	3, 4, or 5	PSC Elective	3
Psychology	3, 4, or 5	PSY 101	3
Spanish			
Spanish Language	3	SPAN 111 and 112	6
	4	SPAN 112 and 211	6
	5	SPAN 211 and 212	6
Spanish Literature and Culture	3	SPAN 111 and 112	6
	4 or 5	SPAN 211 and 212	6

1. **Does not meet general education lab science requirement.**
2. **By taking PSC 100, you may receive credit for HIST 102.**
3. **By taking PSC 100, you may receive credit for PSC 101.**

College-Level Examination Program (CLEP)

Upon receipt of an official score report from the College Board, the Great Basin College Admissions and Records Office grants credits and a grade of S for CLEP exam scores of 50 or above. The general examination(s) should be completed before the student completes 30 credits. Subject examinations may be taken at any time.

Examination	GBC Course Equivalent	Credit Granted
GENERAL		
College Composition (including essay)	ENG 101, ENG 102 (1)	3 or 6
Humanities	HUM Elective	6
College Mathematics	MATH 120	3
Natural Sciences	Elective	6
Social Sciences and History	Elective	6
SUBJECT		
Biology		
General Biology	BIOL Elective	3
Business		
Principles of Management	MGT Elective	3
Financial Accounting	ACC 201	3
Information Systems and Computer Applications	IS 101	3
Introductory Business Law	BUS Elective	3
Principles of Marketing	MKT Elective	3
Chemistry		
General Chemistry	CHEM Elective	3
Economics		
Principles of Microeconomics	ECON 102	3
Principles of Macroeconomics	ECON 103	3
Education		
Introduction to Educational Psychology	EPY Elective	3
English		
American Literature	ENG Elective	3
Analyzing and Interpreting Literature	ENG Elective	3
English Literature	ENG Elective	3

College-Level Examination Program (CLEP) (Continued)

Examination	GBC Course Equivalent	Credit Granted
Foreign Languages		
French Language	FREN 111 [2]	3 or 6
German Language	Elective	3
Spanish Language	SPAN 111 [3]	3 or 6
History		
U.S. History I: Early Colonization to 1877	HIST 101	3
U.S. History II: 1865 to the present	HIST Elective [4]	3
Western Civilization I: Ancient Near East to 1648	HIST 105	3
Western Civilization II: 1648 to the present	HIST 106	3
Human Development and Family Studies		
Human Growth and Development	HDFS 201	3
Mathematics		
Calculus	MATH 181	4
College Algebra	MATH 126	3
Precalculus	MATH 128	5
Political Science		
American Government	PSC Elective [5]	3
Psychology		
Introduction Psychology	PSY 101	3
Sociology		
Introductory Sociology	SOC 101	3

1. College Composition: Scores earned prior to October 1978 or after April 1986 require a satisfactory essay and a score of 50-63 for three credits, and 64 or higher for six credits (which satisfies ENG 101 and ENG 102 requirements for GBC).
2. With a score of 50-69, the student will receive credit for FREN 111; with a score of 70 or higher, the student will receive credit for FREN 111 and 112.
3. With a score of 50-69, the student will receive credit for SPAN 111; with a score of 70 or higher, the student will receive credit for SPAN 111 and 112.
4. By taking PSC 100, the student will receive credit for HIST 102.
5. By taking PSC 100, the student will receive credit for PSC 101.

Dantes Subject Standardized Tests

Before 2004, the DSST exams were available only to military personnel through DANTES (Defense Activity for Non-Traditional Education Support), a division of the Department of Defense that provides educational support to military members. In 2004, the tests were acquired by Prometric and became available to anyone seeking college credit including college students, adult learners, high school students, and military personnel.

The following DSST examinations have been reviewed. Upon receipt of an official score report from Prometric, the admissions and records office will grant credit as specified below. A grade of S will be assigned.

Examination (Number)	Score	GBC Course Equivalent	Credit Granted
General Anthropology (494)	47	ANTH Elective	3
Business Mathematics (812)	400	MATH General Education*	3
Fundamentals of Algebra (424)	400	MATH 96	0
Principles of Statistics (450)	400	STAT 152	3
Technical Writing (820)	46	ENG Elective	3

*While not directly equivalent to any GBC math course, this will meet the math requirement for programs that accept MATH 120.

International Baccalaureate (IB) Examination

Great Basin College Admissions and Records Office grants credit and assigns a grade of S for IB higher level examinations passed with scores of 4,5,6, or 7. Credit is granted for the standard level examinations listed below, with a score of 5 or more.

The applicability of IB credits towards satisfying specific major/degree requirements is determined by individual departments. The following examinations have been determined to have GBC course equivalence.

Examination	Score	GBC Course Equivalent	Credit Granted
Anthropology (Social/Cultural)	4+	ANTH Elective	3
Biology	4 or 5 6 or 7	BIOL 100* BIOL 190 and BIOL 191*	3 6
Business Management	4+	BUS 101	3
Chemistry	5 6 or 7	CHEM 121* CHEM 121 and CHEM 122*	3 6
Computer Science	5, 6, or 7	CS 135	3
Economics	4 or 5 6 or 7	ECON 102 ECON 102 and 103	3 6
English (Lang A1)	4 5, 6, or 7	ENG 101 ENG 101 and ENG Elective	3 6
French Language	4 or 5 6 or 7	FREN 211 FREN 211 and 212	3 6
Geography	5+	GEOG 106	3
German Language	4, 5, 6, or 7	HUM Elective	9
History of Africa	5+	HIST Elective	6
History of the Americas	5+	HIST 101 and HIST Elective**	6
History of Europe	5+	HIST 105 and 106	6
History of Islam	5+	GEOG Elective	3
Info Tech in Global Society	5+	IS Elective	3
Mathematics	5, 6, or 7	MATH 181	4
Music	5+	MUS Elective	3
Philosophy	4+	PHIL 101	3
Physics	5 6, 7	PHYS 151* PHYS 151 and 152*	3 6
Political Science (Global Politics)	5, 6, 7	PSC 231	3
Psychology	4+	PSY 101	3
Spanish Language	5, 6 or 7	SPAN 211 and 212	6
Theatre Arts	5+	THTR 100	3
Visual Arts	4+	ART Elective	3

International Baccalaureate (IB) Examination (Continued)

Examination	Score	GBC Course Equivalent	Credit Granted
Standard Level Exams			
French Language	5+	FREN 111 and 112	6
German Language	5+	HUM Elective	6
Japanese Language	5+	HUM Elective	6
Physics	5+	PHYS 100*	3
Spanish Language	5+	SPAN 111 and 112	6

*Does not meet general education lab science requirement.
**By taking PSC 100, you may receive credit for HIST 102.

Faculty and Administration

Andersen, Eric 2018
Manufacturing Technology Instructor
Diploma—Madison Area Technical College

Arbillaga, Madison 2018
Computer Office Technology Instructor
MA—American College of Education
BA—Great Basin College

Bagley, Peter 1996
Life Sciences Professor
BS—University of Maryland, College Park
MS—University of Kentucky

Bailey, Emily 2021
Child Center Director
BS —University of Nevada, Reno
MEd—University of Nevada, Reno

Baker, Sheri 2006
Senior Human Resources Generalist

Barrett, Karrie.....2022
GBC Foundation Director
BA—Northwood University

Beasley, Tim 2009
Computer Technician I
AS—Brigham Young University
BS—Boise State University

Beck, Stefan.....2016
Technical Mathematics Instructor
BS—University of Nevada, Reno
MS—University of Nevada, Reno

Beecher, Michelle.....2021
Education Instructor
M.Ed—Sierra Nevada College

Bentley, Susanne 2004
English Professor
AA—Lake Tahoe Community College
BGS—Indiana University
MA—University of Nevada, Reno

Bergey, Daniel 2016
Science Professorr
BS—University of California
PhD—Texas AM Health Sciences Center

Brick, Arysta 2020
Student Disability Services Coordinator
MS—West Virginia University
MA—Marshall University
BA—Marshall University

Brick, Jason 2020
Student Transfer Coordinator
MA—Marshall University
BA—Marshall University

Brown, Jennifer 2020
Director of Enrollment Services
AA—Glendale Community College
BS—Grand Canyon University
MSL—Grand Canyon University

Brown, William.....2018
Director of Institutional Research
AA—Marymount California University
BBA—Chapman University
MBA—Chapman University
PhD—Grand Canyon University

Bruns, Thomas.....2008
Maintenance Instructor
AAS — Great Basin College

Buell, Evi 2015
English Professor
BA—Valparaiso University
MA—Governors State University
PhD—Michigan Technological University

Calkins, Byron.....2014
Land Surveying/Geomatics Professor
AS—Lyndon State College
BS—New Mexico State University
MAG—New Mexico State University

Callander, Dorothy.....2019
Nursing Instructor
MS—Western Governors University
BSN—Western Governors University
AS—Los Angeles Trade Technical College

Chidester, Gary.....2013
Maintenance Technology Instructor

Coates, Kara 2004
Science Lab Coordinator
AS—John A. Logan College
AAS—John A. Logan College
BA—Southern Illinois University, Carbondale
MS—Montana State University

Coleman, Rebecca
Director, Winnemucca Center
AA—South Puget Sound Community College
BA—Washington State University
BS—Western Governors University
MBA—Western Governors University

Cooley, Nick.....2018
English Instructor
PhD—University of Iowa
MA—University of Iowa
MA—University of Idaho
BA—University of Alaska, Southeast

Cortes, Tony.....2013
Buildings and Grounds Director
AAS—Great Basin College

Creamer, Sidnie 2018
CTE College Credit Coordinator
BS—University of Nevada, Reno

Crouch, Stacy.....2015
Nursing Professor
AAS—Great Basin College
BSN—Great Basin College
MSN—Walden University
DPN—Grand Canyon University

Crum, Tawny 2003
Assistant Director of Financial Aid
AAS—Great Basin College

Dankowski, Brian.....2020
Nursing Instructor
AA—Great Basin College
AAS—Great Basin College
BSN—Great Basin College
MS—University of Nevada, Reno

Davis, Stephanie.....2010
Psychology Professor
BEd—University of Calgary
MS—Brigham Young University

Debenham, Laura 2017
Social Work Instructor
BA—Eastern Illinois University
MSW—Walla Walla University

de Braga, Angie 2007
Director, Continuing Education and Community Outreach
BS—University of Nevada, Reno
MEd—University of Nevada, Reno

Donnelli, Amber 2006
Dean of Health Sciences and Human Services
AAS-Great Basin College
BSN—University of Phoenix
MSN—University of Phoenix
PhD—University of Nevada, Las Vegas

Dorsa, Mardell.....2003
Assistant to the President
AAS—Great Basin College

Doucette, Mary 2006
Dean, Arts and Science
RT—Marlan Health Center School of Radiology Technology
CBRPA—Weber State University
BS—Weber State University
MS—University of Nevada, Reno

Du, Xunming.....2003
Mathematics Professor
BS—Hubei University
MA—Tongji Medical University
MS—Ohio University

Duryea, Elizabeth
Dual Enrollment Coordinator

Ellis, Jeremy
Multimedia and Marketing Specialist

Foster, Jonathan 2012
History Professor
BA—University of Alabama at Birmingham
MA—University of Alabama at Birmingham
PhD—University of Nevada, Las Vegas

Freistroffer, David.....2007
Life Sciences Professor
BS—California State Polytechnic University, San Luis Obispo
PhD—Uppsala University-Sweden

Garcia, Chantell **2018**
Student Life and Leadership Development Coordinator
BS-—Idaho State University

Garcia, Steve **1994**
Electrical Technology Professor
AS—Dixie College
BS—Northern Arizona University
MVE—Northern Arizona University

Gerber, Melissa **2021**
Nursing Lab/NNRH Education Coordinator
BSN—Great Basin College
AAS—Great Basin College

Gilliland, Terry **2019**
Welding Technology Lab Assistant

Gonzales, Brenda **2012**
ABE/ESL Specialist
AAS—Great Basin College

Green, John **2019**
Asst. Veterans Resource Center Coordinator
AA—College of the Siskiyous
BA—Great Basin College

Grudzinski, Brian **2017**
Admissions/Recruitment/Retention Coordinator
AA —Great Basin College
BA—Arizona State University

Hamilton, Deanna **2012**
Assistant Registrar

Hathaway, Ryan **2020**
Housing Coordinator
MS—University of Wisconsin, LA Crosse
BS—University of Wisconsin, Green Bay

Hawkley, Ethan **2019**
History Instructor
BA—Brigham Young University
MA—Northeastern University
Ph.D.—Northeastern University

Helens, Joyce **2017**
President
BA—St. Martin's University, Washington
MA—Portland State University

Hernandez, David **2014**
Computer Services Technician

Hiles, Dwaine **2004**
Director
Certificate—DeVry University

Hills, Jeffrey
CDL Instructor
BBA—University of Phoenix

Hinton-Rivera, Jake **2018**
Vice President for Student and Academic Affairs
BA—Clayton State University
MLA—Fort Hays State University

Horton, Dawn **2021**
CNA/Nursing Instructor
AAS—College of Southern Nevada
BSN—Great Basin College

Hrdlicka, Steven **2013**
Humanities/English Instructor
BA—University of Nevada, Las Vegas
MA—University of Nevada, Reno
Ph.D—University of Nevada, Las Vegas

Hunton, Robert **2018**
Electrical Instructor
AAS-—Great Basin College
AAS—College of Southern Nevada

Husbands, Michelle **2015**
Nursing Professor
BSN—California State University, Dominquez Hills
MSN—University of California, Los Angeles
DNP—Grand Canyon University

Huttman, Reme **2016**
Radiology Professor
AS—Boise State University
BS—Boise State University
MEd—Grand Canyon University

Hyzer, Tiffany **2017**
Child Center Lead Teacher
AS—Great Basin College
AAS—Great Basin College

Jimenez, Alberto **2019**
Interactive Video and Classroom Technology Director
BS-—TESO (Guadalajara, Mexico)
PMP—Project Management Institute

Johnson, Gina **2021**
CNA Program/Nursing Coordinator
AAS—Great Basin College
BSN—Great Basin College

Johnson, Jessica **2019**
CTE Teaching Assistant/Recruiter/Advisor
AA—Great Basin College
BA—Great Basin College

Jones, Donald **2011**
Computer and Classroom Technology Technician
AS—Great Basin College
BAS—Great Basin College

Jun, Taylor
Child Center Assistant Teacher

Jung, Jin Ho **2014**
Mathematics Professor
BS—Southwest Minnesota State University
MS—University of North Dakota
MS—Idaho State University

Kaisershot, Morgan **2019**
Marketing/Social Media Specialist
BA—Wagner College

Keep, Malia **2018**
Nursing Instructor
BS—California State University, Fresno
MS—California State University, Fresno

Kiehn, Alex **2020**
Radiology Instructor
AAS-Great Basin College
BS—Weber State University
MBA—Grand Canyon University

Kleeb, George **2012**
Business Professor
BA—Chadron State College
MBA—Western Governors University

Lackey, Sam **2018**
English Instructor
BA—University of South Carolina
MA—College of Charleston
PhD—University of South Carolina

LaSalle Walsh, Meachell **2000**
Director, ABE/ESL Workplace Literacy
BA—University of Idaho
MA—University of Texas

Leyba, Sam **2018**
Electrical Systems Technology Instructor

Li, Di **2019**
Computing and Technologies Instructor
BS—Shandong University
MS—University of Nevada, Reno

Long, Roger **2021**
Biology Instructor
AA—Pierce College
BA—The Evergreen State College
MNS—Idaho State University
DA—Idaho State University

Lynch, Jessica **2017**
Nursing Instructor
AAS—Great Basin College
BSN—Great Basin College
MSN—Western Governors University

Macfarlan, Lynette **2000**
Early Childhood Education Professor
AA—Great Basin College
BA—Sierra Nevada College
MS—Walden University

Maher, Nicole **2015**
Director, Grants
BGS—Brigham Young University
MA-Kent State University

Martin, Madison **2019**
Child Center Lead Teacher
AA-Great Basin College

Maynard, Brittney **2021**
Assistant Director of Academic Advisement
BS—Idaho State University
MA—Weber State University

McGhee, Michael **2017**
Student Advisor
BA—Great Basin College
AS—Great Basin College

Medina, Phillip **2021**
Technician
BS—Colorado Technical University
AAS—Kaplan University

Meisner Bruno, Caroline.....2005
Earth/Physical Sciences Professor
BA—Franklin and Marshall College
MS—Oregon State University

Mendez, Adriana.....2006
Academic Advisor/Student Advocate
BS—Westminster College

Mette, Tami.....2007
Nursing Professor
BSN—University of Wyoming
MSN—University of Phoenix
PhD—Touro University Nevada

Murphree, Daniel T.....2016
Mathematics Instructor
BS—Berry College
BS—Utah State University
MS—Utah State University

Murphy, Bret.....1984
Dean, Business and Technology
BS—Montana State University, Northern
MEd—University of Nevada, Reno

Nelson, Veronica 2015
Director, Ely Campus
AGS—Great Basin College
AA—Great Basin College
BA—Great Basin College

Nichols, Matt.....2015
Welding Instructor
AAS—Great Basin College

Nielsen, Brandy 2011
Economics/Finance Professor
AA—Great Basin College
BAS—Great Basin College
EMBA—University of Nevada, Reno

Nielsen, Scott 2000
Director, Student Financial Services
BS—Brigham Young University
MBA—University of Nevada, Reno

Noah, Kimberly 2020
Education Instructor
BS—Edinboro University of Pennsylvania
MS—Fordham University

O'Donnell, Eleanor 2018
Assistant to the Vice President of Academic Affairs
AS—Great Basin College

Owen, Earl.....2011
Diesel Technology Instructor
AS—Brigham Young University, Idaho
BS—Idaho State University

Padgett, Todd 2020
Construction/HVAC Instructor
AA—Victor Valley College

Padilla, Denise.....2017
Elementary Education Instructor
M.Ed—Grand Canyon University
BA—Southern Utah University

Potter, Tami 2009
Senior Accountant
BBA—Idaho State University

Pujari, Rita.....2012
Biology Professor
BS—University of Mumbai
B. ED—University of Mumbai, India
MS—University of Mumbai, India
PhD—University of North Carolina at Charlotte

Quijada, Roger.....2012
Technician
AS—Great Basin College
BS—Great Basin College

Rice, John 1996
Theater Professor
BA—Viterbo College (WI)
MFA—University of Wisconsin, Milwaukee
PhD—Capella University

Rivas, Rodrigo.....2021
Instrumentation Technology CTE Lab Assistant
CERT—Great Basin College

Rohleder, Courtney.....2022
Student Recruiter
AA—Great Basin College
BS—University of Nevada, Las Vegas

Sawyer, Frank 2013
Web Master
BFA—University of Nevada, Reno

Schwandt, Katherine 1996
Computer Technologies Professor
BA—University of Nevada, Reno
MEd—University of Nevada, Reno

Scilacci, Steven 2011
Welding Technology Instructor
AAS—Great Basin College

Seipp, Kevin.....2016
Electrical Technology Instructor
AGS—Great Basin College

Senecal, Brandis 2012
Institutional Effectiveness Research Analyst
AA—Great Basin College
BA—Great Basin College

Sexton, Dave 2016
Criminal Justice Professor
AA—Law Enforcement, Bellevue Community College Bellevue Washington
BA—Community Studies The Evergreen State College Olympia Washington
MA—Criminal Justice Administration , University of Alaska

Sibert, Sonja.....2010
Vice President for Business Affairs
BS—University of Nevada, Las Vegas
MBA—University of Nevada, Reno

Sida, Oscar 2016
Health Services Professor
AGS—College of Southern Nevada
BA—University of Nevada, Las Vegas
MS—University of Nevada, Las Vegas

Sprayberry, Amanda
Student Advisor

Stevens, Karl.....2019
Dean, Online Education
AA—Dixie State College
BA—Southern Utah University
MBA—Utah State University
Ph.D.—Utah State University

Stieger, Jennifer.....2017
Fitness Center Coordinator
AA—Great Basin College
BA—Great Basin College

Stout, Justine.....2004
Student Account Specialist
AA—Great Basin College

Straight, Ronald.....2020
English Instructor
Ph.D.—University of Texas at El Paso

Stugelmayer, Jim 2012
Instrumentation Technology Instructor
Cert—JM Perry Technical Institute

Subedi, Krishna.....2021
Math Instructor
MA—University of Toledo
Ph.D.—University of Toledo

Tenney, Glen.....1990
Accounting/Economics Professor
BS—Arizona State University
MS—Western International University
PhD—Touro University International

Theriault, Stephen J.....2011
Management and Marketing Professor
AA—Citrus College
BS—University of Phoenix
MBA—University of Nevada, Reno

Thomas, Briseyda
Child Center Assistant Teacher

Tolbert, Thomas.....2021
Instrumentation Instructor

Vera, Maribel.....2014
Child Center Lead Teacher
AAS—Great Basin College

Walsh, Eric.....2006
Reference Librarian
BS—University of Scranton
MA—University of Kent, Canterbury
MA—University of South Florida

Walsh, Laurie.....2005
Anthropology Professor
BA—Washington State University, Pullman
MA—University of Nevada, Reno
PhD—University of Nevada, Reno

Wang, Ping 2014
Math Instructor
BS—University of Electronic Science and

Technology of China
MS—University of North Florida

Warnert, Staci L.....2013
Nursing Professor
BSN—University of Nevada, Reno
MSN- University of Nevada, Las Vegas
Ph.D.—University of Northern Colorado

Wasala, Milinda.....2019
Physics Instructor
Ph.D.—Southern Illinois University at Cabondale
MS—Southern Illinois University at Carbondale
BS—University of Sri Jayewardenepaura

Webster, Joshua C.....2014
English Professor
BA—Madonna University
MA—Wayne State University
PhD—University of Southern Mississippi

Wence-Munoz, Gerardo.....2020
Human Services Instructor
MA—Northeastern Illinois University
BA—Northern Illinois University
Ph.D— University of the Cumberlands

Whitehead, Michael 2013
Diesel Technology Professor
Certificate—ASAF Tech School

Whittaker, Norman.....2006
Industrial Maintenance Technology Professor
AAS—Southern Utah University
BS—Southern Utah University

Wilkerson, Jamie.....2021
Paramedic Coordinator
AS—Utah Valley University
BS—Utah Valley University

Woolever, Dakota 2019
Electrical Instructor
AAS—Great Basin College

Wrightman, Diane 2009
Director, Pahrump Valley Center
BS—Grand Valley State University
M.Ed—Southern Illinois University

Zeiszler, Brian 2016
Secondary Education Professor
BS—Biology, University of North Dakota
BS—Secondary Education, University of North Dakota
MS—Science, Montana State University

Emeritus Faculty

Aiazzi, Stan ..... Vice President Student Services Emeritus
BS—University of Nevada, Reno
MA—University of Nevada, Reno

Avent, Gary* .....Emeritus
Director, Library
BA—Central State College
MLS—University of Oklahoma

Barton, Richard .....Emeritus
Welding Professor
AAS—Northwest Community College

Berg, William* ..... President Emeritus
BS, MS—University of Wisconsin
EdD—University of Arizona

Borino, Dick.....Emeritus
Diesel Technology Professor
Diploma—Wyoming Technical Institute
AA—Great Basin College

Byram, Robert .....Emeritus
Electrical Technology Professor

Call, Dorothy .....Emeritus
Office Administration Instructor
BS—Indiana State University

Campbell, Lisa .....Emeritus
Winnemucca Center Director
BS—Santa Clara University
MA—Santa Clara University

Charlebois, Wendy .....Emeritus
Social Work Professor
BS—University of Maryland University College
MSW—University of Nevada, Reno

Curtis, Mark A. ..... President Emeritus
AAS—Kellogg Community College
BS—Western Michigan University
MA—Western Michigan University
Ed.D—Western Michigan University

Day, Delna* .....Emeritus
Nursing Instructor
Diploma—Salt Lake City Hospital
AGS—Great Basin College

Diekhans, Carl .....Vice President Emeritus
Mathematics Professor
Vice President for Administrative Services
BS—College of Great Falls
MS—Montana State University

Elliott, Betty .....Emeritus
Life Sciences Professor
BS—University of Nevada, Reno
MS—University of Nevada, Reno
EdD—University of Nevada, Reno

Emerson, Amy .....Emeritus
Mathematics
BA—University of South Dakota
MATM—University of Nevada, Reno

Fox, Patricia.....Emeritus
Art Professor
BFA—University of Nevada, Las Vegas
MFA—Utah State University

Frazier, Lisa.....Emeritus
Associate Vice President for Distance Education
M.ED- Lesley University
BA- Utah State University

Greenhaw, Charles*.....Dean Emeritus
BA—University of North Texas
MA—University of North Texas
PhD—University of Nevada, Reno

Hanington, Gary .....Emeritus
Chemistry/Physics Professor
AS—SUNY at Farmingdale
BS—SUNY at Stony Brook
MS—SUNY at Stony Brook
PhD—University of California, San Diego

Hannah, Paul Shelley* .....Emeritus
Social Sciences Professor
PhB—University of North Dakota
MA—University of North Dakota
MA—Texas A & I University
DPL—Oxford University

Heberer, Garry.....Emeritus
Dean of Extended Studies
BA—William Penn College
MA—University of South Dakota
PhD—Ohio University

Hogan, Douglas. .....Emeritus
Biology/Chemistry Professor
BS—California State Polytechnic College
MS—California State Polytechnic College

Holland, Ruth .....Emeritus
Nursing
BS—University of Cincinnati
MSN—University of Utah

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Donna Yarrell
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Whitney Zulim
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Don D. Zumwalt
MS—Kaplan University

Reference Guide

Academic Advisement Reports: What-If (WHIF) Reports
Admissions and Records Office, Berg Hall, 775.327.2059

Academic Affairs
Berg Hall, 775.327.2112

Academic Records
Admissions and Records Office, Berg Hall, 775.327.2059

Academic Success Center
Diekhans Center for Industrial Technology Building, 775.327.2275

Activities (Student Organizations)
Leonard Center for Student Life, 775.327.2329

Adding and Dropping Classes (Information only)
Admissions and Records Office, Berg Hall, 775.327.2059

Admission Information
Admission Advising and Career Center
Berg Hall, 775.327.2068

Adult Basic Education (ABE) HiSET Preparation
Adult Learning Center, 1020 Elm Street, 775.327.2222
Chilton Circle Modular, 775.327.2356 or 775.327.2357

Adult High School Diploma Program
Adult Learning Center, 1020 Elm Street, 775.327.2224

Administrative Officer
Berg Hall, 775.327.2355

Area Health Education Center/ UNSOM Outreach
AHEC, Elizabeth Griswold Hall, 701 Walnut 775.738.3828

Arts and Letters
McMullen Hall, 775.327.2119

Assistance with Substance Abuse
Leonard Center for Student Life 775.327.2336

Audio-Visual Equipment
Lundberg Hall, 775.327.2158

Battle Mountain Center
835 N. Second Street
Battle Mountain, NV 89820
775.635.2318

Books/Periodicals/Reference
GBC Library, 775.327.2122

Bookstore
Leonard Center for Student Life, 775.753.2270

Building and Grounds
Central Receiving, 775.327.2228

Business
Greenhaw Technical Arts, 775.327.2302

Business Affairs
Berg Hall, 775.327.2355

CTE College Credit
Diekhans Center for Industrial Technology Building, 775.327.2286 or 775.327.5300

CTE Job Placement and Internships
Diekhans Center for Industrial Technology Building, 256, 775.327.2289

Campus Tours
Berg Hall, 775.327.2337

Career and Technical Education
Diekhans Center for Industrial Technology Building, 775.327.2287 or 775.327.2286

Challenge Examinations
Admissions and Records Office, Berg Hall, 775.327.2059

Change of Name/Address/Major
Admissions and Records Office, Berg Hall, 775.327.2059

Community Education Courses
McMullen Hall, 775.327.5300

Computer Technologies
High Tech Center, 775.327.2208

Computer Services
Lundberg Hall, 775.327.2190

Continuing Education
Community Outreach Center 775.327.5300

Controller's Office
Berg Hall, 775.327.2086

Cooperative Education
Diekhans Center for Industrial Technology Building, 775.327.2287

Copy Services / FAX
Media Services, Lundberg Hall 775.327.2149
Evenings: GBC Library 775.327.2122

Dean of Business and Technology
Diekhans Center for Industrial Technology Building, 254 775.327.2286

Dean of Health Science and Human Services
Dorothy S. Gallagher Health Sciences Building, 135 775.327.2320

Deferred Payments
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See Veterans' Deferred Registration Payments

Disability Resource Center
Leonard Center for Student Life 775.327.2336

Distance Education
See Office of Classroom of Technology

Dorms—See Student Housing

Driver Education
775.327.5300

Education Department
McMullen Hall, 775.327.2132

Ely Center
2115 Bobcat Drive
Ely, NV 89301
775.289.3589

English
McMullen Hall, 775.327.2234

English as a Second Language
Adult Learning Center, 775.327.2222
Chilton Circle Modular
775.327.2356 or 775.327.2357

Facility Scheduling
Buildings and Grounds, 775.327.2228

Financial Aid Information
Student Financial Services, Berg Hall, 775.327.2095

Fitness Center
775.327.2342

Foundation Office
775.327.2382

Grants
775.623.4824

Great Basin College Child and Family Center and the House that Tom and Jack Built
775.327.2387

Health Sciences and Human Services
Dorothy S. Gallagher Health Sciences Building, 775.327.2317

History
Diekhans Center for Industrial Technology Building, 775.327.2234

Housing Program—See Student Housing

Humanities
McMullen Hall, 775.327.2234

Human Resources
Chilton Circle Modular, 775.327.2349

Individualized Study
Leonard Center for Student Life, 775.327.2336

Industry
Diekhans Center for Industrial Technology Building, 775.327.2287

Institutional Research and Effectiveness
Berg Hall, 775.327.2117

Inter-Library Loan
GBC Library, McMullen Hall, 775.327.2122, FAX 775.753.2296

Interactive Video
High Tech Center, 775.327.2174

Library
McMullen Hall, 775.327.2122

Life Sciences
Lundberg Hall, 7775.327.5262

Lost and Found
Security, Chilton Circle Modular, 775.327.2354

Mailing Address
1500 College Parkway
Elko, NV 89801

Maintenance Training Cooperative—MTC
Diekhans Center for Industrial Technology Building, 775.327.2287

Marketing
Lundberg Hall, 775.327.2149

Mathematics
Lundberg Hall, 7775.327.2137

Media Services
Lundberg Hall, 775.327.2149

Microsoft Training and Certification
High Tech Center, 775.327.2208

Non Credit Courses
McMullen Hall, 775.327.5300

Office of Classroom Technology
High Tech Center, 775.327.2174

Online Classes
High Tech Center, 775.327.2185

Orientation
Berg Hall, 775.327.2059

Pahrump Valley Center
551 E. Calvada Boulevard
Pahrump, NV 89048
775.727.2000

Parking Permits (Students with Disabilities)
Leonard Center for Student Life, 775.327.2336

Periodicals
GBC Library, McMullen Hall, 775.327.2122

Payment Plans
Controller Office,
Berg Hall, 775.327.2090

Personnel
Chilton Circle Modular, 775.327.2349

Phi Theta Kappa
Lynette Macfarlan, 775.327.2133

Physical Science
Lundberg Hall, 7775.327.5262

Placement Testing
Diekhans Center for Industrial Technology Building, 775.327.2275

Public Information
Lundberg Hall, 775.327.2149

President's Office
Berg Hall, 775.327.2108

Recruitment Department
Berg Hall
775.327.2337

Refunds
Controller's Office,
Berg Hall, 775.327.2090

Registration Information
Admissions and Records Office,
Berg Hall, 775.327.2059

Room/Facility Requests
Buildings and Grounds, 775.327.2228

Safety and Security
Chilton Circle Modular,
775.327.2354

Scholarships
Student Financial Services,
Berg Hall, 775.327.2095

Services for Students with Disabilities
Student Services, Leonard Center for Student Life, 775.327.2336

Sexual Harassment
Berg Hall, 775.327.2116

SIS Operations
Berg Hall, 775.327.2092

Social Sciences
Diekhans Center for Industrial Technology Building, 775.327.2234

Special Programs
Berg Hall, 775.327.5300

Student Affairs
Berg Hall, 775.327.2115
Student Conduct Officer
Berg Hall, 775.327.2116

Student Employment Services/
Job Placement
Chilton Circle-Modular, 775.327.2348

Student Financial Services
Berg Hall, 775.327.2095

Student Government Association
Leonard Center for Student Life, 775.327.2329

Student Housing
Griswold Hall, 775.327.2395

Student Life
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Testing
Academic Success Center
Diekhans Center for Industrial Technology Building, 775.327.2247

Theatre Arts
Diekhans Center for Industrial Technology Building, 775.327.2249

Title IX Coordinator
Berg Hall, 775.327.2116

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Security, 775.327.2354

Transcript Request
Admissions and Records Office,
Berg Hall, 775.327.2082

Transfer Center
Counseling Office, Berg Hall,
775.327.2077

Tutoring
Academic Success Center,
Diekhans Center for Industrial Technology Building, 775.327.2247

Veteran Resource Center
VA, School Certifying Official
McMullen Hall,
775.327.2131

Vice President for Student and Academic Affairs
Berg Hall, 775.327.2116

Vice President for Business Affairs
Berg Hall, 775.327.2106

Virtual Humanities Grant
McMullen Hall
775.327.2146

Web Address
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Winnemucca Center
5490 Kluncy Canyon Road
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Academic Affairs Office
775.327.5131

Admission Advising and Career Center
775.327.5071

Admissions and Records Office
775.327.5071

Buildings and Grounds
775.327.5084

Child and Family Center
775.327.5092

Continuing Education
775.327.5316

Controller's Office
775.327.2195

Financial Aid
775.753.2390

Follett Bookstore
775.327.5130

Grants
775.623.1812

Housing
775.753.2002

Human Resources
775.327.5273

Interactive Video
775.327.5037

GBC Library
775.753.2296

Lundberg Hall / Media Services
775.738.8771

President's Office
775.327.5131

Science
775-327-5262

Security
775.327.5273

Social Sciences
775.753.3509

Student Life and SGA
775.753.2182

Campus Centers and Satellites

Armogosa, 89020
775.272.2000 (w)
775.727.2012 (f)

Alamo, 89001
775.272.2000 (w)
775.727.2012 (f)

Austin, 89310
775.635.2318 (w)
775.635.0340 (f)

Battle Mountain Center, 89820
775.635.2318 (w)
775.635.0340 (f)

Beatty, 89003
775.272.2000 (w)
775.727.2012 (f)

Carlin, 89822
775.754.6317 (w)

Crescent Valley, 89821
775.635.2318 (w)
775.635.0340 (f)

Ely Center, 89301
775.289.3589 (w)
775.289.3599 (f)

Esmeralda County
775.272.2000 (w)
775.727.2012 (f)
Dyer, 89010
Goldfield, 89013
Silverpeak, 89047

Eureka, 89316
775.289.3589 (w)
775.289.3599 (f)

Gabbs, 89409
775.272.2000 (w)
775.727.2012 (f)

Hawthorne, 89415
775.623.4824 (w)
775.623.1812 (f)

Jackpot, 89825
775.327.2174

Lovelock, 89419
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775.623.1812 (f)

McDermitt, 89421
775.623.4824 (w)
775.623.1812 (f)

Owyhee, 89832
775.757.3025 (w)
775.757.2290 (f)

Pahrump Valley Center
775.272.2000 (w)
775.727.2012 (f)

Panaca, 89042
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775.289.3599 (f)

Round Mountain, 89045
775.272.2000 (w)
775.727.2012 (f)

Tonopah, 89049
775.272.2000 (w)
775.727.2012 (f)

Wells, 89835
775.327.2174 (w)
775.752.3590 (f)

Wendover, 89833
775.327.2174 (w)
775.644.2287 (f)

Winnemucca Center, 89445
775.623.4824 (w)
775.623.1812 (f)

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