



*Welcome  
to the Herd*

**GREAT BASIN COLLEGE**

— 2024-2025 GENERAL CATALOG —

# GREAT BASIN COLLEGE

Higher Education for Rural Nevada

## **ELKO MAIN CAMPUS**

1500 College Parkway  
Elko, NV 89801  
775.327.5002

## **ELY CENTER**

2115 Bobcat Drive  
Ely, NV 89301  
775.327.5350

## **PAHRUMP VALLEY CENTER**

551 E. Calvada Blvd.  
Pahrump, NV 89048  
775.327.5210

## **WINNEMUCCA CENTER**

5490 Kluncy Canyon Road  
Winnemucca, NV 89445  
775.327.8200

Published May 2024

**[www.gbcnv.edu](http://www.gbcnv.edu)**

WELCOME

Cover Photography by GBC's own, Janet Vega. For more visit [jvegaphotography.net](http://jvegaphotography.net)

# A MESSAGE FROM THE GBC INTERIM PRESIDENT DR. AMBER DONNELLI

---



It is with great pride and enthusiasm that I welcome you to the vibrant and inclusive world of Great Basin College. As the interim president, I am honored to lead an institution that is deeply committed to transforming lives through education.

GBC's mission goes beyond simply imparting knowledge; it is about empowering individuals to reach their full potential and achieve their dreams. We believe that education is the key to unlocking doors of opportunity and creating a brighter future for all.

Central to our mission are core themes that guide our every endeavor. We are dedicated to enhancing the student experience, and providing a supportive and enriching environment where every individual feels valued and inspired to excel. From innovative programs to comprehensive support services, we are committed to ensuring that our students have the tools they need to succeed.

Workforce development is a cornerstone of our mission because we understand the critical role that education plays in preparing individuals for success in today's rapidly evolving job market. Whether you are pursuing a career in a technical field or seeking to further your education in an academic discipline, GBC offers a wide range of programs and resources to help you achieve your goals.

I am thrilled to invite you to join us on this journey of discovery and transformation at Great Basin College. Whether you are a prospective student, current student, faculty, staff member, or community partner, I encourage you to explore all that GBC has to offer. Together, we can build a brighter future for ourselves and generations to come.

# TABLE OF CONTENTS

From the President.....	2	Degrees and Certificate References.....	83-85
Notices and Title IX Notice/Non-Discrimination.....	4	Skills Certificates.....	86
Disclosure of Student Education Records and Directory Information.....	5-6	Associate Degrees and Certificates .....	87-90
2024-2025 Academic Calendar.....	7	Bachelor’s Degrees .....	90-93
Reference Calendar .....	8	Degrees .....	94-228
NSHE—The Nevada System of Higher Education Board of Regents, Chancellor’s Office, GBC Administration, GBC Institutional Advisory Council, and GBC Ex Officio Council Members.....	9-10	High School, General Studies Certificate .....	94-96
Degree and Certificate Programs .....	11-13	Business.....	97-105
GBC Locations.....	14	Career and Technical Education .....	106-125
Welcome to GBC .....	15-18	Computer Technologies.....	126-134
Mission and Core Themes .....	19-20	Education .....	135-170
Admission.....	21-32	English .....	171-175
Policies.....	33-57	Health Sciences .....	176-199
Resources .....	58-64	Human Services.....	200-206
Fees .....	65-69	Land Surveying/Geomatics .....	207-210
Financial Aid .....	70-74	Science .....	211-218
Academic Standards .....	75-79	Social Science .....	219-225
General Education .....	80-93	Social Work.....	226-228
		GBC Elko Campus Map .....	229
		Course Descriptions.....	230-270
		Placement Exams	
		CBAPE .....	271-273
		CLEP.....	274-275
		DSST .....	276
		IB .....	277-278
		Faculty and Administration .....	279-282
		Emeritus .....	283-284
		Part-Time Faculty.....	285-286
		Reference Guide .....	287-289
		Index.....	290-293

# 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 Board of Regents policy, revised July 2023, Title 4 Chapter 8 Section 14 Policy Against Unlawful Discrimination and Harassment; Complaint Procedure. The policy may be found at <https://nshe.nevada.edu/regents/policies/>

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 States 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 University Police Services, Northern Command.

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 University Police Services, GBC Campus Officers by emailing [campus.security@gbcnv.edu](mailto: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](mailto:campus.security@gbcnv.edu)

Disability Support and Related Services Coordinator....775.327.2336  
[arysta.sweat@gbcnv.edu](mailto:arysta.sweat@gbcnv.edu)

Housing Coordinator ..... 775.327.2395

Security Department ..... 775.934.4923 (cell)

Human Resources Department ..... 775.327.2349

Behavioral Intervention Team Contact.....775.934.4923  
[richard.gruber@gbcnv.edu](mailto:richard.gruber@gbcnv.edu)

Great Basin College Center Directors  
Ely ..... 775.327.5350  
Pahrump ..... 775.327.5210  
Winnemucca ..... 775.327.8200

# 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 Statutes 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:

- 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.
- 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.
- 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:

- 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
- Date of graduation
- Undergraduate or graduate status
- Most recent educational agency or institution attended
- 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 the above items. A request for non-disclosure submitted at one NSHE institution will apply to all NSHE institutions.

- Sale of Directory Information. Student Directory information for current and former students cannot be sold or rented for a fee by an NSHE institution.

- 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.

- Sale of Directory Information. Student Directory information for current and former students cannot be sold or rented for a fee by an NSHE institution.
- 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](mailto:admissions@gbcnv.edu) or by mail at 1500 College Parkway, Elko, NV 89801.

# 2024–2025 INSTITUTIONAL CALENDAR

## Fall 2024

August 12 ..... CTE Faculty Return  
 August 15 ..... Faculty Return  
 August 19 ..... CTE Instruction Begins  
 August 26 ..... ABE/ESL Instruction Begin  
 August 19-23 ..... Faculty In-Service  
 August 5 ..... CTE Housing Check-in  
 August 26 ..... Regular Instruction Begins  
 August 26-October 18 ..... Fall Mini-Session #1  
 September 2 ..... Labor Day  
 October 15 ..... Fall Graduation Application Deadline  
 October 21-December 13 ..... Fall Mini-Session #2  
 October 25 ..... Nevada Day  
 October 31 ..... Official Course Drop Deadline  
 October 31 ..... Audit/Credit Change Deadline  
 November 11 ..... Veterans Day  
 November 27 ..... CTE Instruction Ends  
 November 28-29 ..... Thanksgiving Recess  
 December 6 ..... Regular Instruction Ends  
 December 9-13 ..... Final Exam Week  
 December 14 ..... ABE/ESL Instruction Ends  
 December 14 ..... Fall Graduation  
 December 17 ..... 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](http://gbcnv.edu/calendar).

## Spring 2025

January 1 ..... New Year Holiday  
 January 6 ..... CTE Faculty Return  
 January 6 ..... CTE Instruction Begins  
 December 23 ..... CTE Housing Check-In  
 January 15 ..... Faculty Return  
 January 20 ..... Martin Luther King Day  
 January 21-24 ..... Faculty In-Service  
 January 27 ..... Regular Instruction Begins  
 January 27 ..... ABE/ESL Instruction Begins  
 January 27-March 17 ..... Spring Mini Session #1  
 February 17 ..... Presidents Day  
 April 7 ..... Disclosure of Student Record Opt out deadline  
 March 15 ..... Graduation Application Deadline  
 March 24-28 ..... Spring Break  
 March 17–May 16 ..... Spring Mini Session #2  
 April 10 ..... Official Course Drop Deadline  
 April 10 ..... Audit/Credit Change Deadline  
 May 16 ..... Instruction Ends  
 May 19-23 ..... Final Exam Week  
 May 23 ..... ABE/ESL Instruction Ends  
 May 24 ..... Graduation  
 May 27 ..... Grades Due  
 May 30 ..... CTE Instruction Ends  
 May 26 ..... Memorial Day

## Summer Term 2025

June 16–August 8 ..... Summer Instruction  
 July 4 ..... Independence Day

# REFERENCE CALENDAR

## 2024

**January**

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

**February**

Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

**March**

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

**April**

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

**May**

Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

**June**

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

**July**

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

**August**

Su	M	Tu	W	Th	F	Sa
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

**September**

Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

**October**

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**November**

Su	M	Tu	W	Th	F	Sa
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

**December**

Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## 2025

**January**

Su	M	Tu	W	Th	F	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

**February**

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

**March**

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

**April**

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

**May**

Su	M	Tu	W	Th	F	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

**June**

Su	M	Tu	W	Th	F	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

**July**

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**August**

Su	M	Tu	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

**September**

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

**October**

Su	M	Tu	W	Th	F	Sa
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

**November**

Su	M	Tu	W	Th	F	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

**December**

Su	M	Tu	W	Th	F	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

WELCOME

# BOARD OF REGENTS—THE NEVADA SYSTEM OF HIGHER EDUCATION

---

AMY J. CARVALHO, CHAIR  
District 12—Clark County  
Phone: (702) 506.1039  
Email: acarvalho@nshe.nevada.edu

JEFFREY S. DOWNS, VICE CHAIR  
District 11—Pershing and Washoe Counties  
Phone: (775) 710.8897  
Email: jdowns@nshe.nevada.edu

LAURA E. PERKINS  
District 1—Clark County  
Phone: (702) 460.3112  
Email: lperkins@nshe.nevada.edu

DR. LOIS TARKANIAN, Ph.D.  
District 2—Clark County  
Phone: (702) 280.3131  
Email: ltarkanian@nshe.nevada.edu

BYRON BROOKS  
District 3—Clark County  
Phone: (725) 501.1646  
Email: bbrooks@nshe.nevada.edu

DONALD SYLVANTEE MCMICHAEL, SR.  
District 4—Clark County  
Phone: (702) 501.2126  
Email: dmcmichael@nshe.nevada.edu

PATRICK J. BOYLAN  
District 5—Clark County  
Phone: (702) 501.1444  
Email: pboylan@nshe.nevada.edu

HEATHER BROWN  
District 6—Clark County  
Phone: (702) 497.7714  
Email: hbrown@nshe.nevada.edu

SUSAN BRAGER  
District 7—Clark County  
Phone: (702) 375.3237  
Email: sbrager@nshe.nevada.edu

MICHELEE CRUZ-CRAWFORD  
District 8—Clark, Elko, Esmeralda, Eureka, Lincoln, Nye  
and White Pine Counties  
Phone: (702) 506.6794  
Email: mcrawford@nshe.nevada.edu

CAROL DEL CARLO  
District 9—Carson City, Churchill, Douglas, Esmeralda,  
Lander, Lyon, Mineral, Storey, and Washoe Counties  
Phone: (775) 846.9909  
Email: cdelcarlo@nshe.nevada.edu

JOSEPH C. ARRASCADA  
District 10—Washoe County  
Phone: (775) 544.4548  
Email: jarrascada@nshe.nevada.edu

STEPHANIE GOODMAN  
District 13—Clark County  
Phone: (702) 889.8426  
Email: sgoodman@nshe.nevada.edu

WELCOME

# THE NEVADA SYSTEM OF HIGHER EDUCATION

## Chancellor's Cabinet

**Patty Charlton**, Chancellor

Phone: (702) 889.8426

Email: pcharlton@nshe.nevada.edu

**Keri D. Nikolajewski**, Chief of Staff to the Board of Regents

Phone: (702) 889.8426

Email: knikolajewski@nshe.nevada.edu

**Daniel Archer**, Vice Chancellor for Academic and Student Affairs

Phone: (702)-889-8426

Email: darcher@nshe.nevada.edu

**Chris Viton**, Vice Chancellor of Budget and Finance/Chief Financial Officer

Phone: (702)-889-8426

Email: cviton@nshe.nevada.edu

**James Martines**, Vice Chancellor and Chief General Counsel

Phone (702)-889-8426

Email: jmartines@nshe.nevada.edu

## Great Basin College

**Amber Donnelly**, Interim President

**Jake Rivera**, Vice President for Student and Academic  
Affair

**Anthony Asti**, Executive Director Finance and  
Administration

**Leslie Maple**, Executive Director, Institutional  
Advancement

**Mary Doucette**, Dean of Arts and Sciences

**Karl Stevens**, Dean of Business, Computer Technologies,  
and Online Education

**Staci Warnert**, Dean of Health Sciences and Behavior  
Health

## Great Basin College Institutional Advisory Council

**Ms. Terri Clark**, Elko

**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**,

Elko County School District Superintendent

**James D. Fossett**,

Esmeralda County School District Superintendent

**Tate Else**,

Eureka County School District Superintendent

**Dr. Dave Jensen**,

Humboldt County School District Superintendent

**Russ Klein**,

Lander County School District Superintendent

**Pam Teel**,

Lincoln County School District Superintendent

**Stephanie Keuhey**,

Mineral County School District Superintendent

**Joseph H. Gent**,

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

3G/4G Welding.....	85
Certified Nursing Assistant.....	85
CCNA Routing and Switching.....	85
CCNA Security.....	86
Community Paramedicine.....	86
CompT1A Certification Preparation.....	86
Early Childhood.....	86
Emergency Medical Technician—Basic.....	86
Emergency Medical Technician—Advanced.....	86
Industrial Millwright.....	86
Mining Industry.....	86
Office Technology.....	86
Paraprofessional.....	86
Pipe Welding.....	86
Real Estate Salesperson.....	86

## Certificate of Achievement Programs—minimum of 30 credits

Diesel Technology.....	108
Diagnostic Medical Sonography (DMS) Post-Associate Certificate.....	195
Early Childhood Education.....	136
Electrical Systems Technology.....	111
Emergency Medical Services.....	178
General Business.....	99
Human Resources.....	103
Human Services.....	201
Industrial Maintenance Technology.....	118
Instrumentation Technology.....	115
Manufacturing Machining Technology.....	122
Medical Assistant/Phlebotomy/EKG.....	188
Medical Coding and Billing.....	133
Office Technology.....	129
Substance Abuse Counselor Training.....	206
Welding Technology.....	124

## Associate of Arts Degrees..... 89

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:

Business (Pattern of Study).....	101
Early Childhood Education (Pattern of Study).....	139
English.....	171
Social Science.....	221

## Associate of General Studies

<b>Degree</b> .....	90
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..... 88

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

Business Administration	
Accounting Emphasis.....	98
General Business Emphasis.....	100
Computer Technologies	
Computer Programming Emphasis.....	127
Network Specialist Emphasis.....	128
Office Technology Emphasis.....	130
Web Development Emphasis.....	134
Criminal Justice.....	219
Diesel Technology.....	109
Early Childhood Education	
Early Childhood Emphasis.....	137
Infant/Toddler Emphasis.....	138
Electrical Systems Technology.....	113
Emergency Medical Services—Paramedic.....	179
Human Services.....	202
Industrial Maintenance Technology.....	120
Manufacturing Machining Technology.....	123
Nursing.....	182
Welding Technology.....	125

## Associate of Science Degrees..... 90

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:

Biological Sciences.....	211
Engineering and Physical Science.....	213
Geosciences.....	215
Land Surveying and Geomatics.....	207
Natural Resources.....	217
Radiologic Sciences.....	190

## Bachelor of Arts Degrees..... 91

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.

<b>Alternative Route to Licensure Program (ARL)</b>	
Post-Baccalaureate Certificate.....	168

## DEGREE AND CERTIFICATE PROGRAMS (continued)

Early Childhood Education	
(Birth to 2nd Grade).....	169
Elementary Education.....	169
Secondary Education .....	170
Special Education.....	170
Bachelor of Arts in Early Childhood Education .....	141
Bachelor of Arts in Elementary Education	
ECE Endorsement .....	150
ELAD Endorsement .....	147
English Emphasis .....	151
Math Emphasis .....	152
Science Emphasis Options A-D .....	153
Social Science Emphasis .....	154
Special Education Endorsement .....	155
Bachelor of Arts in Secondary Education	
Biological Science and ELAD Endorsement.....	158
Business Education and ELAD Endorsement.....	160
English and ELAD Endorsement.....	162
Mathematics and ELAD Endorsement .....	164
Social Science and ELAD Endorsement.....	166
ELAD and Special Education.....	167
Bachelor of Arts in English.....	173
Bachelor of Arts in Social Science.....	223

### **Bachelor of Applied Science Degree...90**

A degree program consisting of a minimum of 120 credits of required study in the applied sciences and fields such as business and instrumentation.

Digital Information Technology Emphasis .....	131
Human Services Emphasis .....	203
Instrumentation .....	116
Land Surveying/Geomatics.....	209
Management and Supervision Emphasis .....	104

### **Bachelor of Science..... 92**

Diagnostic Medical Imaging with Emphasis in	
Diagnostic Medical Sonography .....	197
Nursing .....	185

### **Bachelor of Social Work (BSW)..... 226**

3+1 Collaborative Program between Great Basin College and the University of Nevada, Reno

# ONLINE DEGREE AND CERTIFICATE PROGRAMS

## Certificate of Achievement Programs

Business Administration General Business.....	99
Early Childhood Education .....	136
Human Resources .....	103
Human Services Post-Baccalaureate Certificate.....	205
Medical Coding and Billing .....	133
Office Technology .....	129

## Associate of Arts Degrees

Associate of Arts.....	89
Business (Pattern of Study) .....	101
Early Childhood Education (Pattern of Study) .....	139
English .....	171
Social Science .....	221

## Associate of Applied Science Degrees

Business Administration	
Accounting Emphasis .....	98
General Business Emphasis .....	100
Computer Technologies	
Network Specialist Emphasis.....	128
Office Technology Emphasis .....	130
Web Development Emphasis.....	134
Criminal Justice.....	219
Early Childhood Education	
Early Childhood Emphasis .....	137
Early Childhood Infant/Toddler Emphasis.....	138
Human Services.....	202

## Associate of Science Degrees

Land Surveying/Geomatics.....	207
-------------------------------	-----

## Bachelor of Arts Degrees

Early Childhood Education.....	141
English .....	173
Social Science .....	223

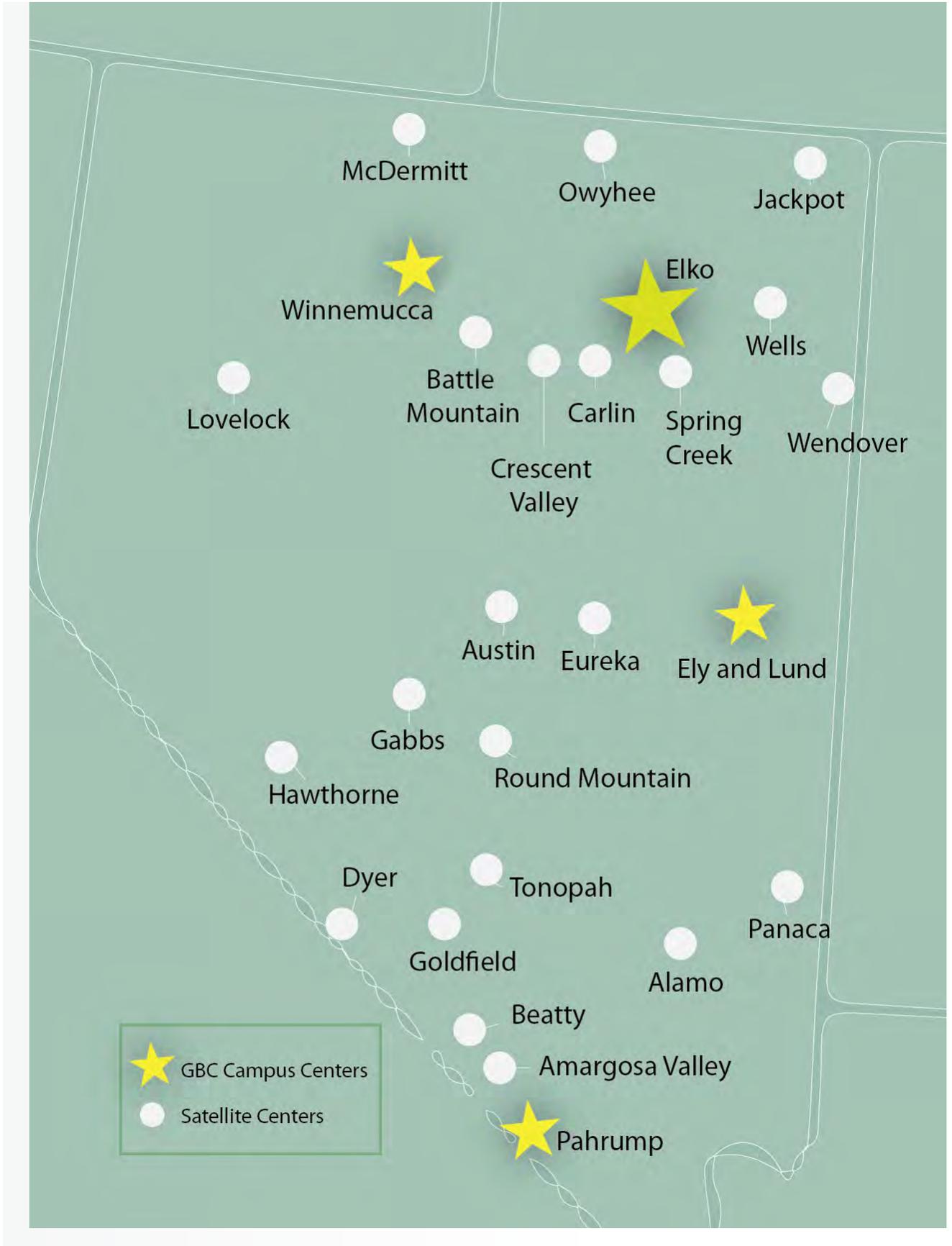
## Bachelor of Applied Science Degrees

Digital Information Technology Emphasis .....	131
Human Services Emphasis.....	203
Land Surveying/Geomatics.....	209
Management and Supervision .....	104

## Bachelor of Science Degree

Bachelor of Science in Nursing .....	185
--------------------------------------	-----

# GBC LOCATIONS



WELCOME

# 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 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 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.

### *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 775.327.5350.

### ***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 775.327.5210.

### ***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 Klunzy 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 13,000 sq ft William N. Pennington Health Sciences and Technology building opened in 2022 and houses nursing, electrical systems technology, and

instrumentation programs. For more information, call the Winnemucca Center at 775.327.8200.

## **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.

American Association of University Professors' "Statement of Principles of Academic Freedom and Tenure."

## 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 Great Basin College?

GBC'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, 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

# MISSION AND CORE THEMES

## GBC Mission

Transforming lives through education.

### Themes

- Student Experience
- Inclusion, Diversity, Equity, Access and Sustainability
- Workforce Development
- Community
- Institutional Effectiveness
- Resources

**Vision:** Great Basin College prepares students for lifelong learning in an evolving global workplace.

**Values:** GBC is guided by the belief that a healthy community is backed by a skilled and knowledgeable workforce.

This is built by:

- Forging partnerships with the communities we serve, other NSHE intuitions, and global outreach.
- Continuing to offer programs that are innovative, and relevant for student success and lifelong learning.
- Promoting inclusion, Diversity, Equity, Access and Sustainability (IDEAS) across all college operations and services.
- Ensuring sustainability for GBCs future development.

## 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 class schedule does not follow the traditional semester start and end dates. New courses start regularly, so be sure to check our online schedule at [www.campusce.net/gbcnv](http://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 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 Certified Supply Chain Professional, Certified Paralegal, Clinical Dental Assistant, Data Analyst, Pharmacy Technician, Python Developer, and Veterinary Assistant. For more information, you may visit our website at [www.campusce.net/gbcnv](http://www.campusce.net/gbcnv), email [continuing-ed@gbcnv.edu](mailto: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, compressed 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](http://www.gbcnv.edu/admissions)

[recruitment@gbcnv.edu](mailto: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/](http://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

- 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.
- Recipient of a high school certificate or equivalency (GED).
- 18 years of age or older.
- 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

- 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).
- 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 be required to take the accuplacer test and place into ENG 101 (Maximum of 2 attempts) and meet with a GBC representative for an interview to gauge their college readiness to ensure they

are academically prepared for college level coursework.

- 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, 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 75 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](http://www.gbcnv.edu).

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 97-226) for details or visit [www.gbcnv.edu/academics](http://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:

- to identify student records at GBC;
- for registration and course enrollment;
- to certify attendance and report student status;
- as an identifier for housing, grants, loans, and other financial aid programs; and
- for recording grade information.

GBC uses social security numbers or student identifier numbers for identification purposes. Use of these numbers will facilitate the provision of services and compilation of information necessary to maintain accurate records.

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 1098-T 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 90.

### **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](http://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 Dual Enrollment Coordinator 775.327.2179.

## 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:

- Complete the GBC online application for admission.
- Complete the GBC online CTE college credit application.
- Pass the core course sequence for the CTE program with a grade point average of 3.0 or higher.
- Pass the state end-of-program technical assessment.
- 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.

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](http://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, 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.**

## 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 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.

**ACT Scores**

- 14-20—ENG 100
- 18-29—ENG 101
- 33 or higher—ENG 102

**SAT Scores**

- Prior to March 2016
  - 440-499—ENG 100
  - 500—ENG 101
  - 680-800—ENG 102
- March 2016 or later
  - 411-479—ENG 100
  - 480—ENG 101
  - 680-800—ENG 102

**Next Generation Accuplacer**

- 241-265—ENG 100
- 266 or higher—ENG 101
- 290 or higher—ENG 102

**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

**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.

Great Basin College provides assistance to its students as follows:

1. High School Grade Point Average:

	<b>Recommended English Course Placement</b>
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

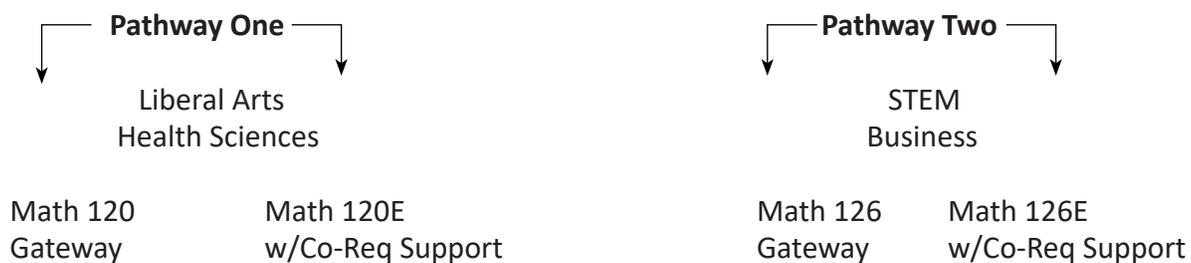
	<b>Recommended English Course Placement</b>
ENG 101	Junior or senior level high school course or similar; B or better
ENG 100	Junior or senior level high school course or similar; C or better

3. Students' confidence in their own writing

	<b>Recommended English Course Placement</b>
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.

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.
28 or higher	630 or higher	650 or higher	N/A		276 or higher	and 285 or higher	MATH 181
<p><b>MINIMUM MATH REQUIREMENT FOR GRADUATION:</b>                      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.</p>							
Rev. 4/05/24							

## Pathways for Mathematics Courses for College Students



## 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](mailto:admissions@gbcnv.edu). For assistance with VA education benefits, contact the Veterans Resource Center at 775.327.2128 or [gbc.vrc@gbcnv.edu](mailto:gbc.vrc@gbcnv.edu).

For assistance with financial aid, contact student financial services: 775.327.2095, [financial-aid@gbcnv.edu](mailto:financial-aid@gbcnv.edu).

For general information or assistance with VA education benefits: 775.327-2128, [gbc.vrc@gbcnv.edu](mailto: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 pages 274-275.
- **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 pages 271-273 for 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 276 for the DSST grid.

- **International Baccalaureate Examination (IB)**  
These exams are completed by high school students through the IB diploma program. Refer to pages 277-278.

## Your Academic Advisor

When you submit your admission application online through <https://www.gbcnv.edu>, 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](mailto: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; faxed copies will not be accepted. A transcript that is hand-carried in a sealed envelope to admissions, that was mailed to the student directly from the applicable institution, may be accepted as official provided the envelope has not been opened. Credits earned from institutions that are not regionally accredited can only be considered as non-traditional credit.

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 requests 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 of Arts or Bachelor of Science 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/](http://gbcnv.edu/articulation/). For articulation agreements between GBC and Nevada Universities visit the following websites: [www.unr.edu](http://www.unr.edu), [www.unlv.edu](http://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.

# POLICIES

## 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 [nshe.nevada.edu](https://nshe.nevada.edu). 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 their 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 expected to be 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

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**

- Submission to such conduct is made either explicitly or implicitly a term or condition of an individual's academic status (*quid pro quo*);
- 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**

- 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
- 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.

### **Dating Violence**

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

"Dating violence" means violence committed by a person who is or has been in a social relationship of a romantic or intimate nature with the victim, and where the existence of such a relationship shall be determined based on a consideration of the following factors: the length of the relationship, the type of relationship, and the frequency of interaction between the persons involved in the relationship.

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" means felony or misdemeanor crimes of violence committed by a current or former spouse or intimate partner of the victim, by a person with whom the victim shares a child in common, by a person who is cohabitating with or has cohabitated with the victim as a spouse or intimate partner, by a person similarly situated to a spouse of the victim under the domestic or family violence laws of the jurisdiction receiving grant monies, or by any other person against an adult or youth victim who is protected from that person's acts under the domestic or family violence laws of the jurisdiction.

**Stalking**

“Stalking” means engaging in a course of conduct on the basis of sex directed at a specific person that would cause a reasonable person to fear for the person’s safety or the safety of others, or suffer substantial emotional distress.

**Coercion**

“Coercion” means 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 through words, conduct or pressure by:

- 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;
- attempting to intimidate a person by threats or force;
- compelling another individual to initiate or continue sexual activity against an individual’s will; or
- 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.

Coercion can include a wide range of behaviors, including intimidation, manipulation, threats, and blackmail.

**Consent**

Conduct is unwelcome if it is done in the absence of consent. “Consent” means 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.
- 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 it is the result of any coercion, intimidation, force, deception, or threat of harm.
- 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 or 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.

- The definition of consent does not vary based upon a participant’s sex, sexual orientation, gender identity or gender expression.

**Remedies and Interim Measures**

It may be necessary or advisable to take actions (as determined by the institution) designed to minimize the chance that either party may either harass or retaliate against the other party and to provide support to the parties, as appropriate. The measures themselves must not amount to retaliation and shall not be deemed to be a sanction. Depending on the specific nature of the problem, interim measures and final remedies may include, but are not limited to:

**For Students:**

- Issuing mutual no contact directives;
- Providing an escort to ensure safe movement between classes and activities;
- Not sharing classes or extracurricular activities;
- Moving to a different residence hall;
- Providing written information regarding institution and community services including but not limited to medical, counseling and academic support services, such as tutoring;
- Providing extra time to complete or re-take a class or withdraw from a class without an academic or financial penalty;
- Restricting to online classes;
- Providing information regarding campus transportation options;
- Reviewing any disciplinary actions taken against the complainant or the respondent to see if there is a connection between the sexual misconduct and the misconduct that may have resulted in the complainant or the respondent being disciplined;
- Requiring the parties to report any violations of these restrictions;
- Taking a leave of absence;
- Submitting a request for a waiver of scholarship or grant requirements pursuant to Title 4, Chapter 18, Section 3; and
- Submitting a request for a waiver of requirements of the Governor Guinn Millennium Scholarship pursuant to Title 4, Chapter 18, Section 9.23.

**For Employees:**

- Provide an escort to ensure safe movement between work area and/or parking lots/other campus locations;
- Issuing mutual no contact directives;
- Placement on leave;
- Transfer to a different area/department or shift in order to eliminate or reduce further business/social contact;
- Providing information regarding campus transportation options;
- Instructions to stop the conduct;
- Providing information regarding institution and community services including medical, counseling and Employee Assistance Program;
- Reassignment of duties;
- Changing the supervisory authority; and
- Directing the parties to report any violations of these restrictions.

All institution administrators, academic and administrative faculty, and staff are responsible for carrying out the interim measures and final remedies. Interim measures and final remedies may include restraining orders, or similar lawful orders issued by the institution, criminal, civil or tribal courts. Interim measures and final remedies will be confidential to the extent that such confidentiality will not impair the effectiveness of such measures or remedies.

### **Complaint and Investigation Procedure**

This Section provides the complaint and investigation procedures for complaints of unlawful discrimination or unlawful harassment that does not constitute “sexual harassment” under Title IX (except that complaints against students may be referred to student disciplinary processes), including instances where the institution has notice of unlawful discrimination or harassment.

An individual filing a complaint of unlawful 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 Title IX coordinator or designee. It shall be the choice of the individual filing the complaint to utilize or not utilize the Independent Advisor and their responsibility to pay for any associated fees. 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.

The individual filing a complaint of unlawful discrimination or harassment and the individual against whom a complaint is filed must be provided this policy which

addresses interim measures and written notification of services available on campus and in the community.

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 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.
- 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.
- 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 or information about 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 a reasonable time from receipt of the complaint or information about the conduct.

At the completion of the investigation, findings and a recommendation will be made to the appropriate management level with final decision-making authority Rev. 300 (06/22) Title 4, Chapter 8, Page 20 regarding the resolution of the matter. The recommendation is advisory only.

#### **Standard of Review**

The standard for evaluating complaints shall be a preponderance of the evidence (i.e., the evidence establishes that it is more likely than not that the prohibited conduct occurred).

#### **Management Determination**

After the recommendation has been made, a determination will be made by appropriate management level with final decision-making authority regarding the resolution of the matter. If warranted, disciplinary action up to and including involuntary termination or expulsion may be taken. Any such disciplinary action shall be taken, as applicable, in accordance with NSHE Code Chapter 6, Chapter 8 or Chapter 10 (or applicable Student Code of Conduct), or, in the case of classified employees or law enforcement personnel, Nevada Administrative Code (NAC) Chapter 284 or Chapter 289, and/or associated collective bargaining agreement, or in the case of DRI technologists, the Technologists Manual. 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, Chapter 8 or Chapter 10, the applicable Student Code of Conduct, the NAC Chapter 284 or Chapter 289 and/or associated collective bargaining agreement, or Technologists Manual, the investigation conducted pursuant to this policy may be used as part of such investigations. The administrative officer, in their 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, Chapter 6, Chapter 8, Chapter 10, the NAC Chapter 284 or Chapter 289 and/or associated collective bargaining agreement, or Technologists Manual, the standard of evidence shall be by a preponderance of the evidence (i.e., the evidence establishes that it is more likely than not that the prohibited conduct occurred).

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.

#### **Parties to be Informed**

Within 14 business days after the appropriate management level with final decision-making authority 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, Chapter 8 or Chapter 10 (or applicable Student Code of Conduct) or NAC Chapter 284 or Chapter 289, 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 ends employment (i.e. resigns, retires) while an investigation of a complaint involving unlawful discrimination or 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 ensure 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 unlawful discrimination or harassment are taken seriously and will be dealt with promptly, thoroughly, impartially, and equitably. Where unlawful discrimination or harassment is found to have occurred, the NSHE institution or unit where it occurred will act to stop the discrimination or harassment, to prevent its recurrence, to remedy its effects, if any, and to discipline those responsible.

### **Confidentiality**

NSHE recognizes that confidentiality is important. However, in some limited circumstances, confidentiality cannot be guaranteed. The administrators, faculty, or staff responsible for implementing this policy will respect the privacy of individuals reporting or accused of unlawful discrimination or 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 Unlawful Discrimination and Harassment.**

In complaints involving sexual violence, the following applies:

Varying Confidentiality Obligations. In situations involving unlawful discrimination or harassment individuals are encouraged to talk to somebody about what happened in order for them to receive the support they need. 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 individuals's wishes—except in certain circumstances discussed below.
- Some employees are required to report all of the details of an incident (including the identities of all involved) to the Title IX Coordinator. A report to these employees (called Officers of Authority) constitutes a report to the institution—and generally obligates the institution to investigate the incident and take appropriate steps to address the situation.

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 individuals 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.. Certain professionals are not required to report incidents unless they have been granted 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 as defined in NRS 49.2545.

### Complainant Options

A complainant who reports an act of unlawful discrimination or harassment only 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 individual involved in the matter 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.

### Retaliation

Retaliation against an individual who in good faith complains of unlawful 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 an unlawful discrimination or 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 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 the Title IX Coordinator.

- 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 the Title IX Coordinator.

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

### False Reports

Because unlawful discrimination and harassment frequently involve interactions between persons that are not witnessed by others, reports of unlawful discrimination or harassment cannot always be substantiated by additional evidence. Lack of corroborating evidence or "proof" should not discourage individuals from reporting unlawful 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:

- 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 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.

- 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.
- 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).
- 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 2016-2017, the four-year average student Right-to-know rate was 33% and the transfer out rate was 10%. Visit the GBC IPEDS link [www.gbcnv.edu/IR/IPEDS.html](http://www.gbcnv.edu/IR/IPEDS.html) for more information and updated statistics.

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 78.

## 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/regents/policies/e>

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/](http://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](#)

#### 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, or 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) Physical abuse and/or conduct that threatens or endangers the health or safety of any member or guest of the System community
- (d) Verbal abuse, intimidation, coercion, or bullying which is sufficiently severe, persistent or pervasive so as to interfere with or limit a student's ability to participate in or benefit from the educational services, activities or opportunities offered by the university
- (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, 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. 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, color, gender (including sexual harassment and pregnancy related conditions), age (40 or older), sexual orientation, disability, whether actual or perceived by others, military status or military obligations, 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, as defined in the regulations (34 C.F.R. Part 106) implementing Title IX of the Education Amendments Act of 1972, which is conduct on the basis of sex that satisfies one of the following:
1. An employee of a NSHE institution (including but not limited to a student employee) conditioning the provision of an aid, benefit, or service of the institution on an individual's participation in unwelcome sexual conduct;
  2. Unwelcome conduct on the basis of sex that is so severe, pervasive, and objectively offensive that it effectively denies a person equal access to the institution's education program or activity; or
  3. Sexual assault, as defined in 34 C.F.R. § 668.46(a) (commonly known as the Clery Act), as amended by the Violence Against Women Act, including dating violence, domestic violence, and stalking.
- (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" means violence committed by a person who is or has been in a social relationship of a romantic or intimate nature with the victim, and where the existence of such a relationship shall be determined based on a consideration of the following factors: the length of the relationship, the type of relationship, and the frequency of interaction between the persons involved in the relationship.
- (gg) Domestic Violence. "Domestic violence" means felony or misdemeanor crimes of violence committed by a current or former spouse or intimate partner of the victim, by a person with whom the victim shares a child in common, by a person who is cohabitating with or has cohabitated with the victim as a spouse or intimate partner, by a person similarly situated to a spouse of the victim under the domestic or family violence laws of the jurisdiction receiving grant monies, or by any other person against an adult or youth victim who is protected from that person's acts under the domestic or family violence laws of the jurisdiction.
- (hh) Stalking. "Stalking" means engaging in a course of conduct on the basis of sex directed at a specific person that would cause a reasonable person to fear for the person's safety or the safety of others, or suffer substantial emotional distress.
- (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. A person may be incapable of giving consent due to the use of drugs or alcohol, age, an intellectual or other disability, or other factors, which demonstrate a lack of consent or inability to give consent.

Sexual 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
- attempting to intimidate a person by threats or force; or
- conduct 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](mailto: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.

#### **10.4 Allegations of Violations of the Rules of Conduct.**

Complaints alleging discrimination, including sexual harassment, that do not constitute sexual harassment under Title IX, are subject to the complaint and investigation procedures set forth in Title 4, Chapter

8, Section 13(C) of the NSHE Handbook. The hearing procedures and sanctions established in this Chapter 10 are applicable to the resolution and determination of such complaints. Procedures required for allegations of sexual harassment under Title IX, including allegations of sexual assault, dating violence, domestic violence, and stalking, are set forth in Section 10.4.12. In the event allegations of misconduct include allegations of Title IX sexual harassment as well as allegations of other misconduct, all the allegations will be handled in accordance with the provisions of Section 10.4.12. The procedures for all other 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's 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 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:
  - Deviations from procedures set forth which result in significant prejudice.
  - 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.
  - 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 unlawful discrimination and unlawful harassment is set forth in Title 4, Chapter 8, Section 13 of the Board of Regents' Handbook.

#### **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:

- 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.
- The pending investigation, hearing, or appeal shall immediately cease.
- 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.
- 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](mailto: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. 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 atIXa. 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/](https://www.gbcnv.edu/rights_responsibilities/) and [www.gbcnv.edu/security](http://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" means written, verbal or electronic expressions or physical acts or gestures, or any combination thereof, that are directed at a person or group of persons, or a single severe and willful act or expression that is directed at a person or group of persons,

"Cyber-bullying" means bullying through the use of electronic communication. The term includes the use of electronic communication to transmit or distribute a sexual image of a minor. As used in this section, "sexual image" has the meaning ascribed to it in NRS 200.737.

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 campus security at 775.934.4923 or the Office of the Vice President for Student and Academic Affairs 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 the 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.

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](http://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](http://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, at [joseph.micke@gbcnv.edu](mailto: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 <https://www.gbcnv.edu/security/crime.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](mailto: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](http://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](http://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](mailto: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 Campus Security reviews the listing of registered sex offenders in each GBC community (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 Please refer to the Campus Security website [www.gbcnv.edu/security](http://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)(1)(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. You must be currently enrolled into courses. To get your student ID go to Berg Hall in Elko or speak with the office staff at your local center.

## 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 pre-approved 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](mailto: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, the communications department (located in Lundberg Hall) and must be dated and stamped prior to posting.

## Policy Statement Concerning Catalog Content

The Great Basin College Catalog describes anticipated programs, courses and requirements, but these are subject to modification at any time to accommodate changes in college resources or educational plans. The catalog does not constitute a contractual commitment that the college will offer all the courses or programs described. The college reserves the right to, for financial, curricular, programmatic, health, or other reasons as it deems necessary and appropriate in its discretion: eliminate, cancel, reduce, modify, or phase out courses, programs and requirements; change the mode of instruction; limit enrollments in specific programs and courses; change fees during the student's period of study; and/or dismiss or require a student to withdraw from a course, program, or the institution for cause.

# RESOURCES

## 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/](http://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, campus security at 775.934.4923. If you have concerns, please contact the Center Director, Campus Security 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 [www.circleof6app.com/](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](http://www.gbcnv.edu/security/safetyapp).

## 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](http://www.gbcnv.edu/academics/gbctranscript) 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](http://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](http://www.gbcnv.edu/career/job_opportunities)

## 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](http://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 has both individual and group study space, a classroom for library instruction and a fireplace conversation/reading area. There are 18 computers, four document scanners and two printers available for student use and the campus also has wi-fi access.

Almost the entire collection is available electronically and all enrolled students, including online only students, have access to library resources and services.

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 as well.

## 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 Ely, Wells, Pahrum, 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, Pahrum, 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, Ely, Lovelock, Owyhee, Pahrump, Tuscarora, Wells, 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. For location info go to [www.gbcnv.edu/alc/](http://www.gbcnv.edu/alc/)

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 or 775.327.2356

## 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 fundraising 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](http://www.gbcnv.edu/foundation).

## Fitness Center

The fitness center is available to enhance your health and wellness while you attend Great Basin College. A variety of fitness classes are offered each semester, including strength training, youth karate, rock climbing, tai chi, tennis, and yoga. Individual open work-out memberships are available for anyone wanting to utilize our work-out room. Sign up for an exercise class to relieve stress, improve wellness, and complement your educational program. To view a complete list of courses and enroll, go to <https://campusCE.net/gbcnv> or call 775.327.5300.

## 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](mailto: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 [www.gbcnv.edu/academics/militarycredit](http://www.gbcnv.edu/academics/militarycredit) 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](mailto: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)(1)(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:** 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 775.327.2395 or email [james.kendall@gbcnv.edu](mailto:james.kendall@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 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 775.327.2395, james.kendall@gbcnv.edu, or learn more at [https://www.gbcnv.edu/student\\_life/sga.html](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 ..... 775.934.4923

**Security** ..... 775.934.4923

## 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 <https://www.gbcnv.edu/admissions/residency.html> or to the Nevada Board of Regents handbook, which can be found at [www.nshe.nevada.edu/regents/policies/](http://www.nshe.nevada.edu/regents/policies/).

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**

\$123.75 per credit for lower-division courses.

(course numbers of 299 and below)

\$203.00 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.

**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 mutually 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 course 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:**

\$136.25 per credit tuition charge plus the \$123.75 per credit fee for lower-division courses.  
 \$223.25 per credit tuition charge plus the \$203.00 per credit fee for upper-division courses.

**Enrollment in seven or more credits:**

\$4333.00 out-of-state tuition plus \$123.75 per credit fee for lower-division courses.  
 \$4333.00 out-of-state tuition plus \$203.00 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  
 \$62.00 per credit plus the \$123.75 per credit fee for lower-division courses.  
 \$101.50 per credit plus the \$203.00 per credit fee for upper-division courses.

**WUE/WICHE Tuition Fee**

\$62.00 per credit plus the \$123.75 per credit fee for lower-division courses.  
 \$101.50 per credit plus the \$203.00 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 fee for international students.....	\$25.00
Transcript fee.....	\$7.15
Graduation fee .....	\$20.00
Challenge examination fee .....	\$25.00
CLEP Tests .....	\$25.00
Computerized assessment examination fees .....	
.....	\$15.00–\$25.00
Student Success Fee (per student per semester) .....	\$15.00

**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 2024-2025**

**Resident**

\$3712.50 per year (lower-division, 30 credits)  
 \$6090.00 per year (upper-division, 30 credits)  
 plus any associated lab fees.

**Non-resident**

\$8666.00 per year plus \$123.75 per credit (lower-division)  
 \$8666.00 per year plus \$203.00 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 or more will have their account placed on hold across all Nevada Systems 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 account has been paid in full. Students accounts on hold may enter into an institution approved payment plan to receive official transcripts. Upon entering into the payment plan, the institution will release the requested records. Subsequent records request shall be honored as long as the payment plan remains in good standing.

### **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](http://www.campusce.net/gbcnv). Course fees vary in accordance with class duration, materials, location, and other factors. Continuing 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 Continuing 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 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.

### **Summer Payment Plan:**

- One-third (1/3) of the total amount is due the Tuesday before semester classes start.
- Each of the two 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 [www.gbcnv.edu/mygbc](http://www.gbcnv.edu/mygbc) (See instructions at [www.gbcnv.edu/admissions/payment](http://www.gbcnv.edu/admissions/payment)) 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](http://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.
- 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

Great Basin College  
 Attention: Housing  
 1500 College Parkway  
 Elko, NV 89801  
 housing@gbcnv.edu

For more information, contact 775.327.2395 or email housing@gbcnv.edu

**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, laundrymat, 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 \$ 750.00 (Monthly)
- Three bedroom apartment \$ 800.00 (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 processing fee and deposit must be turned into the controller's office in order to reserve a room.

**Step 3:** Check your email for letters from housing@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.
- 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.

## **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](http://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. Go to <https://nshe.wd1.myworkdayjobs.com/GBC-external>

**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: [www.nevadatreasurer.gov/GGMS/GGMS\\_Home/](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](mailto: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 warning 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 (3) 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.

# ACADEMIC STANDARDS

## 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 and/or dean. 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 or lack of participation. If a student is dropped for this reason, there will be no refund issued. 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 (6) 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](http://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, visit <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 2024** classes, students must drop on or before **October 31, 2024** to avoid receiving an F rather than a W. For full-semester **Spring 2025** classes, students must drop on or before **April 10, 2025**. 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/](http://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](http://www.gbcnv.edu/admissions/forms). 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](http://www.gbcnv.edu/admissions/forms) 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](http://www.gbcnv.edu/admissions/forms). 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

<b>A-</b>	3.7	
	<b>Work Demonstration</b>	
	<ul style="list-style-type: none"> <li>An ability to transcend the obvious, apply principles innovatively, and relate theoretical concepts to everyday life. Resulting insights are often personal and illuminating.</li> <li>Capacity to develop ideas flexibly and fluently, yet with control and purpose.</li> </ul>	
<b>Grade</b>	<b>Points</b>	
<b>B+</b>	3.3	
<b>B</b>	3.0	
<b>B-</b>	2.7	
	<b>Work Demonstration</b>	
	<ul style="list-style-type: none"> <li>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.</li> <li>A capacity to develop an idea with a clear sense of order.</li> </ul>	
<b>Grade</b>	<b>Points</b>	<b>General Definition</b>
<b>C+</b>	2.3	
<b>C</b>	2.0	
<b>C-</b>	1.7	
	<b>Work Demonstration</b>	
	<ul style="list-style-type: none"> <li>Satisfactory understanding of concepts and principles.</li> <li>Applications of classroom-based learning often lack depth and insight.</li> </ul>	
<b>Grade</b>	<b>Points</b>	<b>General Definition</b>
<b>D+</b>	1.3	
<b>D</b>	1.0	
<b>D-</b>	0.7	
	<b>Work Demonstration</b>	
	<ul style="list-style-type: none"> <li>A frequent inability to express competence.</li> <li>A limited understanding of much of the subject matter.</li> <li>A lack of commitment or failure to follow instructions.</li> </ul>	
<b>Grade</b>	<b>Points</b>	<b>General Definition</b>
<b>F</b>	0.0	
	<b>Work Demonstration</b>	
	<ul style="list-style-type: none"> <li>Work has failed to meet the minimum requirement for the course.</li> <li>Student may not be adequately prepared for the courses which follow.</li> </ul>	
<b>P</b>	The P is a passing grade. It is not computed in the grade point average.	
<b>S</b>	Satisfactory grade	
<b>U</b>	Unsatisfactory grade	
<b>I</b>	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.	

<b>W</b>	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.
<b>AD</b>	This indicates a course for which the student will receive neither credit nor a grade.
<b>NR</b>	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:

		<b>POINTS</b>	
3 semester hours of <b>A</b>	=	3 x 4.0	12.0
3 semester hours of <b>A-</b>	=	3 x 3.7	11.1
3 semester hours of <b>B+</b>	=	3 x 3.3	9.9
3 semester hours of <b>B</b>	=	3 x 3.0	9.0
3 semester hours of <b>B-</b>	=	3 x 2.7	8.1
3 semester hours of <b>C+</b>	=	3 x 2.3	6.9
3 semester hours of <b>C</b>	=	3 x 2.0	6.0
3 semester hours of <b>C-</b>	=	3 x 1.7	5.1
3 semester hours of <b>D+</b>	=	3 x 1.3	3.9
3 semester hours of <b>D</b>	=	3 x 1.0	3.0
3 semester hours of <b>D-</b>	=	3 x 0.7	2.1
3 semester hours of <b>F</b>	=	3 x 0.0	0.0
3 semester hours of <b>I</b>	=		0.0
3 semester hours of <b>P</b>	=		0.0
3 semester hours of <b>S</b>	=		0.0
3 semester hours of <b>U</b>	=		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

The full grade appeal policy can be found at [www.gbcnv.edu/academics/grade\\_appeal.html](http://www.gbcnv.edu/academics/grade_appeal.html)

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 their final grade in a course, 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 42.

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 a 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 Department Dean 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 complete an application for graduation. Complete the graduation e-form, submit the \$20.00 fee, and the processing will begin.

- Check with your academic advisor before applying for graduation. Fees are non-refundable if you do not satisfy your requirements.
- 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 be enrolled into the final 3 credits over the summer semester. Exceptions are made on a case by case basis.
- 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. Graduation applications submitted 7 days prior to the end of the term will automatically be moved to the next semester.
- 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 775.327.2082.

## 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.

The Great Basin College Catalog describes anticipated programs, courses and requirements, but these are subject to modification at any time to accommodate changes in college resources or educational plans. The catalog does not constitute a contractual commitment that the college will offer all the courses or programs described. The college reserves the right to, for financial, curricular, programmatic, health, or other reasons as it deems necessary and appropriate in its discretion: eliminate, cancel, reduce, modify, or phase out courses, programs and requirements; change the mode of instruction; limit enrollments in specific programs and courses; change fees during the student's period of study; and/or dismiss or require a student to withdraw from a course, program, or the institution for cause.

# General Education

## 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 develop ability and skill in the following areas. We therefore offer general education classes that meet the following objectives at both an introductory and mastery level. General education requirements at these levels for different programs are listed below.

### A. Communications and Expressions

#### 1. Written Communications

- Utilize written genres appropriate to task.
- Express ideas clearly and compellingly in text.
- Effectively identify and address various audiences and contexts.

#### 2. Oral Communications

- Organize oral presentations appropriate to context and audience.
- Deliver compelling and clear oral communications.
- Demonstrate an understanding of interpersonal communications in a variety of contexts.

#### 3. Evidence-Based Communications

- Correctly interpret and analyze source materials and readings.
- Determine source appropriateness/credibility according to context.
- Effectively incorporate and cite sourced material in communications.

#### 4. Fine Arts

- Demonstrate proficiency in the understanding of basic fine arts concepts and language.
- Demonstrate the effective use and application of artistic tools and processes.
- Demonstrate the ability to engage in the creative process as it applies to the subject.

### B. Logical and Scientific Reasoning

#### 1. Mathematical Reasoning

- Demonstrate knowledge of mathematical notation and concepts.
- Apply mathematical concepts and operations in proper written or graphical form.
- Apply relevant mathematical skills in solving real world problems.

#### 2. Scientific Reasoning

- Demonstrate an understanding of the scientific methodologies used in various disciplines.
- Effectively interpret and apply scientific principles and concepts.
- Apply scientific reasoning to the evaluation, analysis or interpretation of models and theories developed in the sciences.

#### 3. Scientific Data Interpretation

- Effectively apply mathematical principles and quantitative methods to collect and analyze scientific data.
- Utilize the scientific method to arrive at informed conclusions.

### C. Human Societies and Experience

#### 1. Structure of Societies

- Demonstrate understanding of the processes that influence human behavior and structure of societies.
- Demonstrate understanding of the processes that influence social stratification and/or inequality.
- Demonstrate understanding of the methodologies used to study human social systems.

#### 2. American Constitutions and Institutions

- Demonstrate an understanding of American constitutions and institutions and their development.
- Demonstrate understanding of processes of social stratification and inequality in American society.
- Demonstrate knowledge of the methods used to study American society.

#### 3. Humanities

- 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.
- Demonstrate an ability to recognize the importance of creative human expression.
- 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.
- Demonstrate an understanding of the cultural and historical heritage of contemporary society and the implications of this heritage.

### D. Technological Proficiency

#### 1. Technological Proficiency

- Analyze a problem and identify and define the technology requirements appropriate to its solution.
- Describe professional, ethical, legal, security, and social issues and responsibilities for technology users.
- Develop skills to continuously learn fundamentals of existing and new technology.

## General Education Requirements—Associate of Arts and Associate of Science

	OBJECTIVES		CREDITS
<b>COMMUNICATIONS AND EXPRESSIONS</b>			
<b>1</b>	<b>WRITTEN COMMUNICATIONS</b>	ENG 100, ENG 101	3
<b>2</b>	<b>ORAL COMMUNICATIONS</b>	COM 113, THTR 102, THTR 221	3
<b>3</b>	<b>EVIDENCE-BASED COMMUNICATIONS</b>	ENG 102	3
<b>4</b>	<b>FINE ARTS</b>	ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204	3
<b>LOGICAL AND SCIENTIFIC REASONING</b>			
<b>5</b>	<b>MATHEMATICAL REASONING</b>	MATH 126 or 126E or higher; or STAT 152 <b>AA ONLY: Can use MATH 120 or MATH 120 E</b>	3
<b>6</b>	<b>SCIENTIFIC REASONING</b>	Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103, and NUTR 121	3-4
<b>7</b>	<b>SCIENTIFIC DATA INTERPRETATION</b>	BIOL 190, CHEM 121, GEOL 101, PHYS 151, PHYS 180 <b>AA ONLY: Can also choose from AST 101, BIOL 100, CHEM 100, ENV 100, NUTR 121, PHYS 100</b>	3-4
<b>HUMAN SOCIETIES AND EXPERIENCE</b>			
<b>8</b>	<b>STRUCTURE OF SOCIETIES</b>	ANTH 101, CRJ 104, CRJ 270, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101	3
<b>9</b>	<b>AMERICAN CONSTITUTIONS AND INSTITUTIONS</b>	HIST 101 AND HIST 102 (must take both) or PSC 101	3
<b>10</b>	<b>HUMANITIES</b>	ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	3
<b>TECHNOLOGICAL PROFICIENCY</b>			
<b>11</b>	<b>TECHNOLOGICAL PROFICIENCY</b>	CIT 129, CS 135, EDU 214, GIS 109, GRC 119, IS 101	3
<b>FOUNDATIONS</b>			
	<b>AA: SOCIAL SCIENCE</b>	Any transferrable course 100- or 200-level ANTH (except ANTH 102), CRJ, HIST, PSC, PSY, SOC, ECON 102, ECON 103, GEOG 106	3
	<b>AA: HUMANITIES / FINE ARTS</b>	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
	<b>AS: MATHEMATICS</b>	Any MATH 127 or higher, or STAT 152 (Minimum 5 total credits Mathematics)	2-4
	<b>AS: SCIENCES</b>	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	<ul style="list-style-type: none"> <li>• BACHELOR OF ARTS</li> <li>• BACHELOR OF SCIENCE</li> <li>• BACHELOR OF SCIENCE IN NURSING</li> </ul>
<b>ENGLISH/ COMMUNICATIONS</b>	<b>6 Credits:</b> ENG 100 or 101, ENG 102; ENG 107, ENG 108	<b>6 Credits (in addition to associate credits):</b> ENG 333 COM 113 or THTR 221 or THTR 102	<b>3 Credits:</b> ENG 102
<b>MATHEMATICS</b>	<b>3 Credits:</b> MATH 116, MATH 116E, MATH 120, MATH 120E, MATH 126, MATH 126E, or higher (Includes STAT 152)	<b>6 Credits (in addition to associate credits):</b> STAT 152 or MATH 181 INT 359, MATH 389 or HSC 300* (*For Health Science and Human Services degrees only)	<b>3 Credits:</b> MATH 120, MATH 120E, MATH 126, MATH 126E or higher (Includes STAT 152)
<b>SCIENCE</b>  *includes: any 3- or 4-credit BIOL, CHEM, GEOL, or PHYS containing a lab component	<b>3 Credits:</b> 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	<b>3 Credits (in addition to associate credits):</b> INT 369 GEOL 335 PHYS 152 PHYS 181	<b>6 Credits:</b> 6 credits of lower-division general education science.
<b>SOCIAL SCIENCE</b> (Fulfills U.S. and Nevada Constitutions requirement.)	<b>6 Credits:</b> 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	<b>6 Credits (in addition to associate credits):</b> (U.S. and Nevada Constitution requirements must be fulfilled)  PHIL 311 and INT 349, ANTH 307, ANTH 332, HIST 303, HIST 312, HIST 341 or PSY 313	<b>6 Credits:</b> 6 credits of lower-division general education social science (must fulfill U.S. and Nevada Constitutions requirements).
<b>HUMANITIES AND FINE ARTS</b>	<b>3 Credits:</b> ART 100, ART 101, ART 107, ART 160, ART 260, ART 261, ENG 203, ENG 205, ENG 223, FIS 100, FREN 111, FREN 112, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 101, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211, THTR 100, THTR 105, THTR 204, WELD 200 (CTE degrees only for 2024/2025)	<b>3 Credits (in addition to associate credits):</b> INT 339 HUM 301	<b>3 Credits:</b> Lower-division general education humanities: ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211  <b>3 Credits:</b> Lower-division general education fine arts: ART 100, ART 101, ART 107, ENG 205, MUS 101. THTR 100, THTR 105, THTR 204, WELD 200 (CTE degrees only for 2024/2025)
<b>TECHNOLOGY</b>	<b>3 Credits:</b> 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	<b>3 Credits:</b> 3 credits of approved lower-division.	<b>3 Credits:</b> 3 credits of lower-division general education technology
<b>MASTERY COURSES</b>	-0-	See above	<b>3 Credits:</b> As determined by program.
<b>CAPSTONE</b>	-0-	<b>3 Credits:</b> As determined by program.	<b>3 Credits:</b> As determined by program.
<b>ELECTIVES AND PROGRAM REQUIREMENTS</b> 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			88			
Associate of Arts—General				89		
Associate of Sciences—General					90	
Associate of General Studies - page 90						
Certificate of Achievement		88				
<b>Business/Management</b>						
Accounting			98			
Business		99	100	101		
Human Resources		103				
Management and Supervision Emphasis						104
Real Estate Salesperson	86					
<b>Career and Technical Education</b>						
3G/4G Welding	85					
Diesel Technology		108	109			
Electrical Systems Technology		111	113			
Industrial Maintenance Technology	86	118	120			
Instrumentation		115				116
Manufacturing Machining Technology		122	123			
Pipe Welding	86					
Welding Technology	85	124	125			
<b>Computer Technologies</b>						
CCNA Routing and Switching	85					
CCNA Security	86					
CompTIA Certification Preparation	86					
Computer Programming Emphasis			127			
Digital Information Technology Emphasis						131
Network Specialist Emphasis			128			
Office Technology Emphasis	86	129	130			
Web Development Emphasis			134			
<b>Education</b>						
Alternative Route to Licensure (ARL) Post-Baccalaureate Certificate						168-170
Early Childhood Education (Birth to 2nd Grade)						169
Elementary Education						169
Secondary Education						170
Special Education						170
Early Childhood Education		136	137	139		141
Infant/Toddler Emphasis			138			

## 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.
<b>Education</b>						
Elementary Education						145-155
ECE Endorsement						150
ELAD Endorsement						154
English Emphasis						151
Math Emphasis						152
Science Emphasis Options A-D						153
Social Science Emphasis						154
Special Education Endorsement						155
Secondary Education						156-170
Biological and ELAD Endorsement						158
Business and ELAD Endorsement						160
English and ELAD Endorsement						162
Mathematics and ELAD Endorsement						164
Social Sciences and ELAD Endorsement						166
ELAD and Special Education Endorsement						167
<b>English</b>						
English				171		173
<b>Health Sciences</b>						
Certified Nursing Assistant	85					
Emergency Medical Technician — Basic, Advanced, or Paramedic	86	177	178			
Medical Coding and Billing		133				
Diagnostic Medical Sonography (DMS)		195				197
Nursing			182			185
Medical Assistant/Phlebotomy/EKG		188				
Radiologic Sciences					190	
Bachelor of Social Work: 3+1 Program between GBC and UNR						226
<b>Human Services</b>						
Human Services		201	202			203
Substance Abuse & Addiction Medicine Counselor Training Post-Baccalaureate Certificate		205				
Substance Abuse Counselor Training		206				

## 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.
<b>Land Surveying/Geomatics</b>						
Land Surveying/Geomatics					207	209
<b>Science</b>						
Biological Science					211	
Engineering and Physical Science					213	
Geosciences					215	
Natural Resources					217	
<b>Social Science</b>						
Criminal Justice			219			
Social Science				221		223

### 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
<b>3G Welding</b>	Prepares students for American Welding Society (AWS) Certified Welding (CW) exams	WELD 110, WELD 210, WELD 220 (C- or better)	22
<b>4G Welding</b>	Prepares students for American Welding Society (AWS) Certified Welding (CW) exams	WELD 110, WELD 210, WELD 220 (C- or better)	22
<b>Certified Nursing Assistant</b>	Nevada State Board of Nursing (CNA)	Successful completion of NURS 130 (C or better)	6
<b>CCNA Routing and Switching</b>	CISCO Certified Network Associate (CCNA) Routing and Switching	CSCO 120, CSCO 121, CSCO 220	12

## Skills Certificates (continued)

Skills Certificate—Less than 30 credits	Name of State or National Industry Credential, License, or Exam	Courses to be Completed	Credits Earned
<b>CCNA Security</b>	CISCO Certified Network Associate (CCNA) Security	CSCO 120, CSCO 121, CSCO 220	12
<b>Community Paramedicine</b>	CP-C Community Paramedicine through IBSC:International Board of Specialty Certification & Nevada Division of Public and Behavioral Health, EMS Office	EMS 300	10
<b>CompTIA Certification Preparation</b>	Computer Technology Industry Association (CompTIA)- A+, Network +, Security +	CIT 110, CIT 112, CIT 217 (C or better)	9
<b>Early Childhood Education #1</b>		ECE 127, ECE 250	6
<b>Early Childhood Education #2</b>		ECE 200, ECE 251, ECE 204,	9
<b>Emergency Medical Technician—Basic</b>	National Registry of Emergency Medical Technicians examination certification for EMT-Basic	Successful completion of EMS 108 (C or better)	7
<b>Emergency Medical Technician—Advanced</b>	National Registry of Emergency Medical Technicians examination certification for EMT-Basic	EMS 118 (C or better)	8
<b>Industrial Millwright Core Level</b>	National Center for Construction and Research (NCCER)-Core Level	IT 106, IT 201, IT 216, TA 100 (C- or better)	18
<b>Industrial Millwright—Level I</b>	National Center for Construction and Research (NCCER)-Level I	IT 102, IT 106, IT 201, IT 216, TA 100 (C- or better)	18
<b>Industrial Millwright—Level II</b>	National Center for Construction and Research (NCCER)-Level II	IT 105, IT 201, IT 209, IT 216, TA 100 (C- or better)	24
<b>Industrial Millwright—Level III</b>	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
<b>Industrial Millwright—Level IV</b>	National Center for Construction and Research (NCCER)-Level IV	IT 103, IT 207, IT 208, IT 210, IT 220 (C- or better)	18.5
<b>Mining Industry</b>		MINE 101, 102, and 210, MET 101 and 102, ENG 101, GEOL 101 and PSY 208	17
<b>Office Technology</b>	Microsoft Specialist (MOS) Certificate	CIT 201, CIT 202, CIT 203 (C or better)	9
<b>Paraprofessional</b>		HDFS 201 or EDU 250 and EDU 208, HDFS 201, EDU 295, EDU 214, EDU 245	18
<b>Pipewelding</b>	American Welding Society	WELD 110, WELD 210, WELD 260 (C- or better)	19
<b>Real Estate Salesperson</b>	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 79 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 at GBC beyond the previously earned associate(s) 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
<b>GENERAL EDUCATION</b>	
<b>Communications and Expressions</b>	
<b>Written Communications</b> .....3	
ENG 100, ENG 101	
<b>Evidence Based Communications</b> ..... 3	
ENG 102	
<b>Fine Arts</b> .....3	
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204, WELD 200	
<b>Logical and Scientific Reasoning</b> ..... 3	
Mathematical Reasoning	
MATH 120, 120E, 126, 126E or higher	
Scientific Reasoning.....3	
Any Science (For a STEM career, the student would need to choose a course with a lab)	
<b>Human Societies and Experience</b>	
<b>American Constitutions and Institutions</b> ..... 6	
HIST 101/102 (may take PSC 101 with approval of high school counselor)	
<b>Structure of Societies</b> ..... 3	
ANTH 101, CRJ 104, CRJ 270, ECON 102, ECON 103; GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101	
<b>Humanities</b> ..... 3	
ART 160, ART 260, ART 261, ENG 203, ENG 223, IS 100, FREN 111, FREN 112, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	
<b>Elective</b> ..... 3	
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 must be fulfilled.

### Certificate of Achievement Requirements Summary

	Credits
<b>English/Communications</b> ..... 3	
<b>Computation</b> ..... 3	
<b>Computation includes the ability to:</b>	

- 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.

<b>Human Relations</b> ..... 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 students 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 students 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
<b>English/Communications</b> .....	<b>6</b>
ENG 107, ENG 108 or ENG 100, ENG 101, ENG 102	
<b>Mathematics</b> .....	<b>3</b>
MATH 116, 116E, 120, 120E, 126, 126E, or higher (Includes STAT 152)	
<b>Science</b> .....	<b>3</b>
ANTH 102, AST 101, BIOL 100, BIOL 190, CHEM 100, 121, ENV 100, GEOG 103, GEOL 101, 132, PHYS 100, 107, 151, NUTR 121	
<b>Social Science</b> .....	<b>6</b>
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)	
<b>Humanities or Fine Arts</b> .....	<b>3</b>
ART 100, 101, 107, 160, 260, 261; ENG 203, 205, 223; FIS 100; FREN 111, 112; HIST 208, 209; HUM 101, 111, 210; MUS 101, 121, 125; PHIL 101, 102, 135; SPAN 111, 112, 211; THTR 100, 105, 204, WELD 200 ( <i>CTE degrees     only for 2024/2025</i> )	
<b>Technology</b> .....	<b>3</b>
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

	Credits
<b>GENERAL EDUCATION</b>	
<b>Communications and Expressions</b>	
<b>Written Communications</b> .....	<b>3</b>
ENG 100, ENG 101	
<b>Oral Communications</b> .....	<b>3</b>
COM 113, THTR 102, THTR 221	
<b>Evidence-Based Communications</b> .....	<b>3</b>
ENG 102	
<b>Fine Arts</b> .....	<b>3</b>
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204	
<b>Logical and Scientific Reasoning</b>	
<b>Mathematical Reasoning</b> .....	<b>3</b>
MATH 120, 120E, MATH 126, 126E, higher, or STAT 152	
<b>Scientific Reasoning</b> .....	<b>3-4</b>
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103 and NUTR 121	
<b>Scientific Data Interpretation</b> .....	<b>3-4</b>
AST 101, BIOL 100, BIOL 190, CHEM 100, CHEM 121, ENV 100, GEOL 101, NUTR 121, PHYS 100, PHYS 151, PHYS 180	
<b>Human Societies and Experience</b>	
<b>Structure of Societies</b> .....	<b>3</b>
ANTH 101, CRJ 104, CRJ 270, ECON 102, ECON 103; GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101	
<b>American Constitutions and Institutions</b> :.....	<b>3</b>
HIST 101/102 (must take both) or PSC 101	
<b>Humanities</b> .....	<b>3</b>
ART 160, ART 260, ART 261, ENG 203, ENG 223, IS 100, FREN 111, FREN 112, HIST 208, HIST 209, . HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	
<b>Technological Proficiency</b> .....	<b>3</b>
CIT 129, CS 135, EDU 214, GIS 109, GRC 119, IS 101	
<b>FOUNDATIONS</b>	
<b>Social Science</b> .....	<b>3</b>
Any transferrable course 100- or 200-level ANTH (except ANTH 102); CRJ; HIST; PSC; PSY; SOC; ECON 102; ECON 103; GEOG 106	
<b>Humanities/Fine Arts</b> .....	<b>3</b>

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.

## 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

	Credits
<b>GENERAL EDUCATION</b>	
<b>Communications and Expressions</b>	
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	
<b>Logical and Scientific Reasoning</b>	
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	
<b>Human Societies and Experience</b>	
Structure of Societies .....	3
ANTH 101, CRJ 104, CRJ 270, 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, IS 100, FREN 111, FREN 112, HIST 208, HIST 209, . HUM 101, HUM 111, HUM 210, MUS 121,	

MUS 125, PHIL 101, PHIL 102, PHIL 135,  
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

	Credits
<b>Summary</b>	
English/Communications.....	6
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)	
Mathematics .....	3
MATH 116, MATH 116E, MATH 120, MATH 120E, MATH 126, MATH 126E or higher (Includes STAT 152)	
Science .....	3
ANTH 102; AST 101; BIOL 100, 190; CHEM 100, 121; ENV 100; GEOG 103; GEOL 101, 132; NUTR 121; PHYS 100, 107, 151	
Social Science .....	6
ANTH 101, 201, 202; CRJ 104, 270; 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.	
Humanities/Fine Arts .....	3
ART 100, 101, 107, 160, 260, 261; ENG 203, 205, 223; FIS 100; FREN 111, 112; HIST 208, 209; HUM 101, 111, 210; MUS 101, 121, 125; PHIL 101,102, 135; SPAN 111, 112, 211;THTR 100, 105, 204	
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 30 upper division credits at GBC. Thus, if you transfer to GBC and are pursuing a baccalaureate degree, you must complete 30 upper division 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 79 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.

### **Four 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,  
775.327.2302 or 775.327.2167.

**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:

- GBC's program is more reflective of the ideal bachelor's educational philosophy: a broad liberal arts exposure.
- The program instills in its graduates professional ethics and leadership skills needed to make critical decisions.
- 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.
- 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

This College Bound 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.

### 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 [www.gbcnv.edu/academics/dualenrollment](http://www.gbcnv.edu/academics/dualenrollment)

### 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, WELD 200 (only for CTE degrees for 2024/2025)	

### 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 208, HIST 209, HUM 101, HUM 111, HUM 210 MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	
Structure of Societies .....	3
ANTH 101, CRJ 104, CRJ 270, 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 .....	3-6
ENG 101 or 100	
Mathematics .....	3
MATH 120, 120E, 126, 126E or higher	

### High School - Senior Year/Spring Semester

Communication and Expressions .....	3
ENG 102	
Science.....	3-4
(For a STEM career, the student would need to choose a course with a lab)	
Elective .....	3

**High School - Senior Year Total: 15-16**  
**Certificate Credit Total: 30-31**

## SUGGESTED COURSE SEQUENCE Certificate of Achievement—General Studies

### FALL — Junior 1st Semester

	Credits
HIST 101 (PSC 101 with HS approval)	3
Fine Arts*	3
<b>TOTAL</b>	<b>6</b>

### SPRING — Junior 2nd Semester

	Credits
HIST 102	3
Humanities*	3
Structure of Societies*	3
<b>TOTAL</b>	<b>9</b>

### FALL — Senior 1st Semester

	Credits
ENG 101 or ENG 100	3
MATH 120, 120E, 126, 126E or higher	3-6
<b>TOTAL</b>	<b>6-9</b>

### SPRING — Senior 2nd Semester

	Credits
ENG 102	3
ELECTIVE*	3
ELECTIVE*	3
Science*	3-4
<b>TOTAL</b>	<b>12-13</b>

**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 College Bound 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.

## General Studies Certificate with an Engineering and Physical Science Emphasis —High School Students Only

This College Bound Certificate will provide the high school student with 30-33 credits in general education courses towards an engineering pathway. These courses fit best with the GBC Associate of Science, Engineering and Physical Science pattern of study or as an AS in engineer transfer degree process.

### SUGGESTED COURSE SEQUENCE Certificate of Achievement—General Studies with an Education Emphasis

FALL — Junior 1st Semester		Credits
HIST 101 (PSC 101 with HS approval)		3
Fine Arts*		3
<b>TOTAL</b>		<b>6</b>

SPRING — Junior 2nd Semester		Credits
HIST 102		3
PSY 101		3
HDFS 201		3
<b>TOTAL</b>		<b>9</b>

FALL — Senior 1st Semester		Credits
ENG 101		3
MATH 120, 120E, 126, 126E or higher		3-6
<b>TOTAL</b>		<b>6-9</b>

SPRING — Senior 2nd Semester		Credits
ENG 102		3
ELECTIVE*		3
EDU 250 or ECE 250		3
ELECTIVE*		3
<b>TOTAL</b>		<b>12</b>

**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.

### SUGGESTED COURSE SEQUENCE Certificate of Achievement—General Studies with an Engineering Emphasis

FALL — Junior 1st Semester		Credits
HIST 101 (PSC 101 with HS approval)		3
Fine Arts*		3
<b>TOTAL</b>		<b>6</b>

SPRING — Junior 2nd Semester		Credits
HIST 102		3
Humanities*		3
ECON 102		3
<b>TOTAL</b>		<b>9</b>

FALL — Senior 1st Semester		Credits
ENG 101		3
MATH 120, 120E, 126, 126E or higher		3-6
<b>TOTAL</b>		<b>6-9</b>

SPRING — Senior 2nd Semester		Credits
ENG 102		3
ELECTIVE*		3
Science*		3-4
ELECTIVE*		3
<b>TOTAL</b>		<b>12-13</b>

**Minimum Credits: 30-33**

\* Choose with an Advisor

\*\*MATH 120 is an option for the AAS degree, but students will need to check with their counselor for high school credits.

# High School

## General Studies Certificate with a Criminal Justice Emphasis —High School Students Only

This College Bound Certificate will provide the high school student with 30 credits in general education courses towards a criminal justice pathway. The purpose of this certificate with an emphasis in Criminal Justice is to create a career pathway for students to the AAS in Criminal Justice. Students will create an understanding of the criminal justice system.

### SUGGESTED COURSE SEQUENCE Certificate of Achievement—General Studies with a Criminal Justice Emphasis

#### FALL — Junior 1st Semester Credits

HIST	101 (PSC 101 with HS approval)	3
Fine Arts*		3

#### TOTAL 6

#### SPRING — Junior 2nd Semester Credits

HIST	102 or CRJ 104	3
PSY	101	3
CRJ	155	3

#### TOTAL 9

#### FALL — Senior 1st Semester Credits

ENG	101	3
MATH	120, 120E, 126, 126E or higher	3-6

#### TOTAL 6

#### SPRING — Senior 2nd Semester Credits

ENG	102	3
CRJ	120	3
CPD	116	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 101 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		
Certificate Of Achievement (One Year)	Emphasis in the Business Administration Associate of Applied Science Degree (Two Years)	Baccalaureate Degree (Four Years)
	Accounting	→ Bachelor of Applied Science Management and Supervision
Business Administration	General Business →	→
Human Resources	General Business →	Bachelor of Applied Science Management and Supervision →

# Business

## Associate of Applied Science—Business Administration, Accounting Emphasis

### Student Learning Outcomes

Accounting is widely 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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
Mathematics .....	3
MATH 126, 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
<b>Total .....</b>	<b>24-26</b>

List of courses fulfilling general education requirements is on page 82.

Program Core Requirements	Credits
ACC 201 Financial Accounting.....	3
BUS 101 Introduction to Business, <b>or</b>	
MGT 103 Introduction to Small Business Management .....	3
BUS 175 Business Data Analytics .....	3
BUS 273 Business Law I.....	3
ECON 102 Principles of Microeconomics <b>or</b>	

ECON 103 Principles of Macroeconomics .....	3
FIN 101 Personal Finance .....	3
<b>Total .....</b>	<b>18</b>

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
<b>Total .....</b>	<b>18</b>

**Total of all sections.....60-62**

### SUGGESTED COURSE SEQUENCE Associate of Applied Science Business Administration— Accounting Emphasis

FALL—1st Semester	Credits
ACC 201	3
BUS 101 or MGT 103	3
ENG 100, 101 or 107	3-5
MATH 126 or MATH 126E	3
FIN 101	3
<b>TOTAL</b>	<b>15-17</b>

SPRING—2nd Semester	Credits
ACC 202	3
PSC 101	3
ECON 102 or 103	3
ENG 102 or 108	3
MGT 283	3
<b>TOTAL</b>	<b>15</b>

FALL—3rd Semester	Credits
ACC 105	3
ACC 203	3
IS 101	3
ACC 220	3
SCIENCE*	3
<b>TOTAL</b>	<b>15</b>

SPRING—4th Semester	Credits
ACC 204	3
ACC 261	3
BUS 175	3
BUS 273	3
HUMANITIES/FINE ARTS*	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 60**

**\*Choose with advisor**

After the AAS in Accounting, the next step could be the Bachelor of Applied Science in Management and Supervision Emphasis. See page 104.

# 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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102, 108 or COM 133	
Mathematics.. .....	3
MATH 120, 120E, 126, 126E or higher. Excludes STAT 152 (MATH 126 or 126E preferred)	
Human Relations .....	3
BUS 110, MGT 283, PSY 208 or HUM 200	
<b>Total .....</b>	<b>12-14</b>

Program Requirements	Credits
Accounting, Business, Economics, Finance, Management, or Marketing Electives .....	15
General Electives .....	3
<b>Total .....</b>	<b>18</b>

**Total of all sections .....**30-32

## SUGGESTED COURSE SEQUENCE Certificate of Achievement— General Business

Spring—1st Semester	Credits
BUSINESS ELECTIVE	3
BUSINESS ELECTIVE	3
BUSINESS ELECTIVE	3
ENG 100, 101 or 107	3
MATH 126 or 126E	3
<b>TOTAL</b>	<b>15</b>

Fall—2nd Semester	Credits
BUSINESS ELECTIVE	3
BUSINESS ELECTIVE	3
ELECTIVE	3
ENG 102 or ENG 108, or COM 113	3
BUS 110, HMS 200, PSY 208, or MGT 283	3
<b>TOTAL</b>	<b>15</b>

**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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
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
<b>Total .....</b>	<b>24-26</b>

Program Core Requirements	Credits
ACC 201 Financial Accounting.....	3
BUS 101 Introduction to Business, <b>or</b>	
MGT 103 Introduction to Small Business	
Management .....	3
BUS 175 Business Data Analytics .....	3
BUS 273 Business Law I.....	3
ECON 102 Principles of Microeconomics <b>or</b>	

ECON 103 Principles of Macroeconomics .....	3
FIN 101 Personal Finance .....	3
<b>Total .....</b>	<b>18</b>

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, <b>or</b>	
MKT 211 Introduction to Professional Sales .....	3
<b>Total.....</b>	<b>18</b>

**Total of all sections.....60-62**

### SUGGESTED COURSE SEQUENCE Associate of Applied Science Business Administration General Business Emphasis

FALL—1st Semester	Credits
ACC 201	3
BUS 101 or MGT 103	3
ENG 100, 101 or 107	3-5
MATH 126 or MATH 126E	3
FIN 101	3
<b>TOTAL</b>	<b>15-17</b>

SPRING—2nd Semester	Credits
ACC 202	3
ECON 102 or 103	3
ENG 102 or 108	3
MGT 283	3
SCIENCE*	3
<b>TOTAL</b>	<b>15</b>

FALL—3rd Semester	Credits
ECON 104	3
IS 101	3
MKT 210	3
PSC 101	3
BUS 175	3
<b>TOTAL</b>	<b>15</b>

SPRING—4th Semester	Credits
BUS 273	3
IS 201	3
HUMANITIES/FINE ARTS*	3
MGT 201	3
MKT 127 or 211	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 60-62**

**\*Select from page 82  
\*\*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 104**

# 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

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications: ENG 100 or 101 .....	3-5
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	
<b>Logical and Scientific Reasoning</b>	
Mathematical Reasoning: .....	3-5
Required: MATH 126, 126E, 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	
<b>Human Societies and Experience</b>	
Structure of Societies—ECON 102 (required) .....	3
American Constitutions and Institutions .....	3-6
HIST 101/102 (must take both), PSC 101 (preferred)	
Humanities—PHIL 102 (required) .....	3
<b>Technological Proficiency—IS 101 (required).....</b>	<b>3</b>
<b>Foundations</b>	
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	
<b>Total .....</b>	<b>40-48</b>

### Program Requirements

ACC 201	Financial Accounting.....	3
ACC 202	Managerial Accounting.....	3
MATH 127	Precalculus II, or	
MATH 128	Precalculus and Trigonometry .....	3-5
(Minimum 5 credits mathematics required for program)		
MKT 210	Marketing Principles.....	3
General Electives (Choose with advisor) .....		9
<b>Total .....</b>		<b>21-23</b>

**Total of all sections.....61-71**

**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 Associate of Arts—Business

<b>FALL—1st Semester</b>		<b>Credits</b>
ACC	201	3
ECON	102	3
ENG	100 or 101	3
MATH	126, 126E or 128	3-5
	SCIENTIFIC REASONING*	3-4
<b>TOTAL</b>		<b>15-18</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
ACC	202	3
COM	113	3
ECON	103	3
ENG	102	3
	GENERAL ELECTIVE**	3
<b>TOTAL</b>		<b>15</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
MKT	210	3
	BIOL 190, CHEM 121, GEOL 101, PHYS 151, PHYS 180	4
MATH	127 or 128	3-5
	GENERAL ELECTIVE**	3
PSC	101	3
<b>TOTAL</b>		<b>16-18</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
	FINE ARTS*	3
	HUMANITIES/FINE ARTS*	3
IS	101	3
PHIL	102	3
	GENERAL ELECTIVE**	3
<b>TOTAL</b>		<b>15</b>

**Minimum Credits: 61-66**

**\*Select from page 81**

**\*\*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 104.

# 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
Written Communications .....	3-5
ENG 100, 101 or 107	
MATH 120, 120E, 126, 126E or higher .....	3
Excludes STAT 152 (MATH 126 or MATH 126E preferred)	
PSY 208 Psychology of Human Relations .....	3
<b>Total .....</b>	<b>9-11</b>

Program Requirements	Credits
Accounting, Business, Economics, Finance, Management, or Marketing Electives .....	6
ENG 102 Composition II, <b>or</b>	
ENG 108 Technical Communications II, <b>or</b>	
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
<b>Total .....</b>	<b>21</b>

**Total of all sections .....**30-32

## SUGGESTED COURSE SEQUENCE Certificate of Achievement— Human Resources

FALL—1st Semester	Credits
ENG 100, 101, or ENG 107	3
MATH 126 or MATH 126E	3
Elective*	3
MGT 280	3
BUSINESS ELECTIVE*	3
<b>TOTAL</b>	<b>15</b>

SPRING—2nd Semester	Credits
ENG 102 or 108 or COM 113	3
MGT 201	3
PSY 208	3
MGT 283	3
BUSINESS ELECTIVE*	3
<b>TOTAL</b>	<b>15</b>

**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 91 for important additional information about the Bachelor of Applied Science Program.

Pre-requirements		Credits
ACC	201	Financial Accounting..... 3
ECON	102	Principles of Microeconomics, <b>or</b>
ECON	103	Principles of Macroeconomics ..... 3

General Education Requirements (Beyond those required for AAS)		Credits
COM	113	Fundamentals of Speech Communication, <b>or</b>
THTR	102	Introduction to Stage Voice, <b>or</b>
THTR	221	Oral Interpretation ..... 3
PHIL	311	Professional Ethics (formerly ECON 311) ..... 3
ENG	333	Professional Communications ..... 3
STAT	152	Principles of Statistics I, <b>or</b>
MATH	181	Calculus I (Mathematics prerequisites apply)..... 3-4
<b>Total</b> .....		<b>12-13</b>

Mastery Course Requirements		Credits
Humanities .....		3
HUM 301 or INT 339		
Math.....		3
MATH 389 or INT 359		
Science .....		3-4
GEOL 335 or INT 369		
Social Science .....		3
ANTH 307, ANTH 332, HIST 303, HIST 312, HIST 341, INT 349 or PSY 313		
<b>Total</b> .....		<b>12-13</b>

Applied Science Core Requirements		Credits
FIN	310	Applied Accounting and Finance ..... 3
MGT	310	Foundations of Management Theory and Practice..... 3

MGT	323	Organizational and Interpersonal Behavior, <b>or</b>	
MGT	367	Human Resource Management** .....	3
<b>Total</b> .....			<b>9</b>

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, <b>or</b>	
MGT	367	Human Resource Management** .....	3
MGT	441	Operational Quality Control and Problem Solving.....	3
MGT	480	International Management .....	3
MGT	482	Leadership Capstone .....	3
MGT	487	Entrepreneurship.....	3
<b>Total</b> .....			<b>30</b>

**Total of all sections** .....63-65

\*\*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**  
**Bachelor of Applied Science**  
**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
<b>TOTAL</b>	<b>15</b>

**SPRING—2nd Semester Credits**

ACC 202	3
ECON 102 or 103	3
ENG 102	3
MGT 283	3
SCIENCE*	3
<b>TOTAL</b>	<b>15</b>

**FALL—3rd Semester Credits**

ECON 104	3
IS 101	3
MKT 210	3
PSC 101	3
BUSINESS ELECTIVE**	3
<b>TOTAL</b>	<b>15</b>

**SPRING—4th Semester Credits**

BUS 273	3
IS 201	3
HUMANITIES/FINE ARTS*	3
MGT 201	3
MKT 127 or 211	3
<b>TOTAL</b>	<b>15</b>

**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
<b>TOTAL</b>	<b>15-16</b>

**SPRING—6th Semester Credits**

MASTERY COURSE - SCIENCE	3-4
COM 113, THTR 102, or THTR 221	3
FIN 310	3
MASTERY COURSE - HUMANITIES	3
MGT 323	3
<b>TOTAL</b>	<b>15-16</b>

**FALL—7th Semester Credits**

BUS 273	3
ECON 365	3
MASTERY COURSE - SOCIAL SCIENCE	3
IS 301	3
MGT 480	3
<b>TOTAL</b>	<b>15</b>

**SPRING—8th Semester Credits**

MASTERY COURSE - MATH	3
MGT 367	3
MGT 441	3
MGT 482	3
MGT 487	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 120-122**

**\*Refer to page 82**  
**\*\*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 for the MTC scholarship, but applications for enrollment in the programs without the scholarship are accepted until the first day of class which is usually the Monday closest to August 20th each year.

2. Along with the CTE department admissions application form, the student can apply for the Maintenance Training Cooperative Scholarship which requires:
  - a resumé.
  - a letter of intent.
  - high school transcripts or HSE scores if applicable, military training records if applicable, and/or higher education records if applicable.
  - 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.
  - 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— Mining Industry - Dual Enrollment ONLY

### Professional Skills and Career Paths

Entry level position in the mining industry in either geology, mining or metallurgy roles. The ability to study further in related fields at either GBC or UNR to pursue associate or 4-year degrees.

### Student Learning Outcomes

Graduates of the certificate of achievement in the mining industry certificate program will have relevant knowledge and skills as follows:

- To be able to recognize the common rocks and minerals on earth and the tectonic and geological processes that occur in the earth.
- Acquire mining related knowledge and describe all the activities and functions associated with the entire mining cycle.
- Gain a general introductory knowledge of the unit operations of mining: Including drilling, blasting, loading and hauling.
- Gain a general understanding of surface and underground mine development techniques and practices (e.g. adit & drift, shaft, slope development, roadways), as a function of the orebodies geological and geotechnical characteristics.
- Explain the concepts of the main extractive metallurgical processes and how to utilize them to produce metals from their raw materials as well as secondary materials, taking basic environmental and economic challenges into account.

**Formal admission to this program is required. Refer to admission standards for more information.**

General Education Requirements	Credits
Written Communications .....	3 - 5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
Computation — MATH 126 or 126E and MATH 127.....	6
Human Relations — PSY 208 .....	3
<b>Total .....</b>	<b>15-17</b>

Program Requirements	Credits
ECON 102 Principles of Microeconomics .....	3
GEOL 101 Exploring Planet Earth .....	4
CHEM 121 General Chemistry I.....	4
MINE 101 Mining Engineering I.....	1

MINE 102	Mining Engineering II.....	1
MINE 210	Mining Methods .....	2
MET 101	Intro to Metallurgical Engineering.....	1
MET 102	Intro to Metallurgical Engineering II.....	2
<b>Total .....</b>		<b>18</b>

**Total of all sections .....** 33

### SUGGESTED COURSE SEQUENCE Certificate of Achievement— Mining Industry

FALL—(Grade 11)	Credits
MINE 101	1
MET 101	1
ECON 102	3
<b>TOTAL</b>	<b>5</b>

SPRING—(Grade 11)	Credits
MINE 102	1
PSY 208	3
MET 102	2
<b>TOTAL</b>	<b>6</b>

SUMMER	Credits
MINE 210	2
<b>TOTAL</b>	<b>2</b>

FALL—(Grade 12)	Credits
MATH 126 or 126E	3
GEOL 101	4
ENG 101	3
<b>TOTAL</b>	<b>10</b>

SPRING—(Grade 12)	Credits
MATH 127	3
CHEM 121	4
ENG 102	3
<b>TOTAL</b>	<b>10</b>

**Minimum Credits: 33**

## 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.

Due to 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 106 for an outline of admission standards.**

General Education Requirements	Credits
English/Communications. Determined by placement testing .....	3-5
ENG 100, 101, 103, or 107	
Computation — Any course with a MATH prefix .....	3
<b>Total .....</b>	<b>6-8</b>

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
<b>Total .....</b>		<b>51</b>
<b>Total of all sections .....</b>		<b>57-59</b>

#### SUGGESTED COURSE SEQUENCE

##### Certificate of Achievement— Diesel Technology

FALL—1st Semester	Credits
DT 100	3
DT 102	8
IT 208	8
WELD 136	3
COMPUTATION*	3
ENGLISH*	3
<b>TOTAL</b>	<b>28</b>

SPRING—2nd Semester	Credits
DT 101	5.5
DT 105	2
DT 106	8
DT 201	2.5
DT 215	8
WELD 235	3
<b>TOTAL</b>	<b>29</b>

**Minimum Credits: 57**

**\*Choose with advisor**

## 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 106 for an outline of admission standards.**

General Education Requirements	Credits
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 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 (embedded into diesel curriculum)	
<b>Total .....</b>	<b>18</b>

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
<b>Total .....</b>	<b>51</b>

**Total of all sections .....** 69

#### SUGGESTED COURSE SEQUENCE

##### Associate of Applied Science Diesel Technology

FALL—1st Semester	Credits
DT 100	3
DT 102	8
IT 208	8
ENGLISH*	3
MATH	3
PSC 101	3
WELD 136	3
HUMANITIES/FINE ARTS*	3
<b>TOTAL</b>	<b>34</b>

SPRING—2nd Semester	Credits
DT 101	5.5
DT 105	2
DT 106	8
DT 201	2.5
DT 215	8
ENGLISH*	3
SCIENCE*	3
WELD 235	3
<b>TOTAL</b>	<b>35</b>

**Minimum Credits: 69**

**\*Choose with advisor**

After the AAS in Diesel Technology, the next step could be the Bachelor of Applied Science in Management and Supervision Emphasis. See page 104.

# Career and Technical Education

## Electrical Systems/ Instrumentation Technology Programs

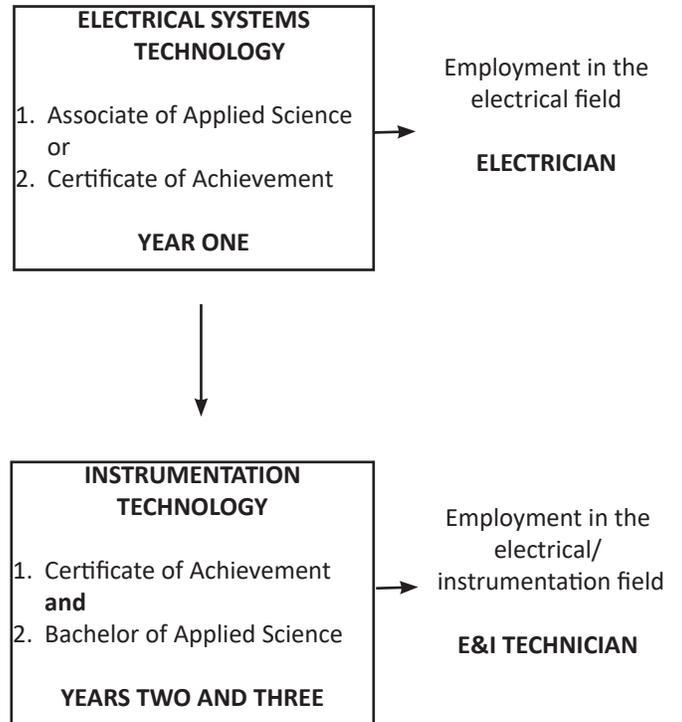
Great Basin College has programs that specialize in training students for entry-level employment in electrical systems and instrumentation fields. Each program by itself meets important industry demands. However, the unique combination—E&I, electrical and instrumentation technology—provides entry into 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 for a Certificate of Achievement:

- MATH 116 or 116E
- BUS 110 or PSY 208 or MGT 283
- ENG 100, 101, 107, or 108

Additional General Education courses required for an Associate of Applied Science.



# Career and Technical Education

## 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. Due to 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 106 for an outline of admission standards.**

General Education Requirements	Credits
English/Communications	
ENG 100, 101, 103, or 107.....	3-5
Computation — Any course with a MATH prefix.....	3
Human Relations	
BUS 110 (recommended).....	1-3
<b>Total .....</b>	<b>7-11</b>

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
<b>Total .....</b>		<b>49</b>

**Total of all sections.....56-60**

**SUGGESTED COURSE SEQUENCE  
Certificate of Achievement—  
Electrical Systems Technology**

<b>FALL—1st Semester</b>		<b>Credits</b>
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
<b>TOTAL</b>		<b>29</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
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
<b>TOTAL</b>		<b>27-29</b>

**Minimum Credits: 56-58**

**\*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

(EIT 233 satisfies the Technology Gen Ed requirement)

**Note:** To achieve a Certificate of Achievement or Associate of Applied Science in Electrical Systems Technology, additional General Education classes are required.

# Career and Technical Education

## 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 106 for an outline of admission standards.**

General Education Requirements	Credits
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 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 (embedded into electrical curriculum)	
<b>Total .....</b>	<b>21-23</b>

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
<b>Total .....</b>			<b>49</b>

**Total of all sections..... 70-72**

**SUGGESTED COURSE SEQUENCE**

**Associate of Applied Science  
Electrical Systems Technology**

<b>FALL—1st Semester</b>		<b>Credits</b>
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
<b>TOTAL</b>		<b>38</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
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
<b>TOTAL</b>		<b>32</b>

**Minimum Credits: 70**

**\*Choose with an advisor**

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.

**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

(EIT 233 satisfies the Technology Gen Ed requirement)

**Note:** To achieve a Certificate of Achievement or Associate of Applied Science in Electrical Systems Technology, additional General Education classes are required.

# 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 106 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:

- MATH 116, 116E
- BUS 110, PSY 208, or MGT 283
- 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 .....	3-5
Computation .....		
	MATH 116, 116E, 120, 120E, 126, 126E or higher, or STAT 152	3
Human Relations		
	BUS 110 (recommended).....	1-3

Program Requirements		Credits
BUS	102	Introduction to Entrepreneurship, <b>or</b>
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

#### 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
<b>TOTAL</b>		<b>22</b>

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
<b>TOTAL</b>		<b>19-21</b>

**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 91 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, <b>or</b>	
THTR 102	Introduction to Stage Voice, <b>or</b>	
THTR 221	Oral Interpretation .....	3
ENG 333	Professional Communications .....	3
STAT 152	Principles of Statistics I, <b>or</b>	
MATH 181	Calculus I .....	3-4
<b>Total</b> .....		<b>9-10</b>

Mastery Course Requirements		Credits
Humanities .....		3
HUM 301 or INT 339		
Mathematical .....		3
MATH 389 or INT 359		
Science .....		3-4
GEOL 335, PHYS 152, PHYS 181 or INT 369		
Social Science .....		3
ANTH 307, ANTH 332, HIST 303, HIST 312, HIST 341, INT 349 or PSY 313		
<b>Total</b> .....		<b>12-13</b>

Applied Science Core Requirements		Credits
FIN 310	Applied Accounting and Finance .....	3
MGT 310	Foundations of Management Theory and Practice.....	3
MGT 323	Organizational Behavior and Interpersonal Behavior, <b>or</b>	
MGT 367	Human Resource Management.....	3
<b>Total</b> .....		<b>9</b>

Program Emphasis Requirements		Credits
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
<b>Total</b> .....		<b>34</b>

**Total of all sections** .....**64-66**

**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.

**Note:** Certificate of Achievement in Instrumentation required for entrance into the Bachelor of Applied Science Instrumentation Emphasis program.

## SUGGESTED 4 YEAR PLAN OF STUDY

### Bachelor of Applied Science 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
<b>TOTAL</b>	<b>38</b>

#### 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
ENGLISH*	3
SCIENCE*	3
<b>TOTAL</b>	<b>32</b>

#### FALL—3rd Semester Credits

EIT 233	4
EIT 315	4
EIT 323	3
EIT 333	3
EIT 368	2
<b>TOTAL</b>	<b>16</b>

#### SPRING—4th Semester Credits

BUS 102 or MGT 103	3
EIT 240	2
MASTERY COURSE	3
EIT 336	4
EIT 348	3
EIT 437	3
EIT 468	3
<b>TOTAL</b>	<b>21</b>

#### FALL—5th Semester Credits

COM 113, THTR 102, or THTR 221	3
MGT 310	3
MASTERY COURSE	3
PHIL 311	3
STAT 152 or MATH 181	3-4
ENG 333	3
<b>TOTAL</b>	<b>18-19</b>

#### SPRING—6th Semester Credits

MASTERY COURSE - Science	3-4
MASTERY COURSE	3
FIN 310	3
MGT 323 or 367	3
MGT 441	3
<b>TOTAL</b>	<b>15-16</b>

**Minimum Credits: 140**

**\*Choose with an advisor**

# Career and Technical Education

## 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. Due to 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 106 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 .....	3-5
ENG 100, 101, 103, or 107	
Computation — Any course with a MATH prefix .....	3
Human Relations — IT 206 (Embedded in Maintenance ... Curriculum)	
<b>Total .....</b>	<b>6-8</b>

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
<b>Total</b> .....		<b>51.5</b>
<b>Total of all sections</b> .....		<b>57.5-59.5</b>

### SUGGESTED COURSE SEQUENCE

#### 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
<b>TOTAL</b>		<b>29</b>

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
<b>TOTAL</b>		<b>28.5</b>

**Minimum Credits: 57.5**

**\*Choose with an advisor**

# Career and Technical Education

## 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.

<b>General Education Requirements</b>	<b>Credits</b>
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 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— IT 106 Embedded in Maintenance Curriculum	
<b>Total .....</b>	<b>21-25</b>

<b>Program Requirements</b>	<b>Credits</b>
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
<b>Total .....</b>	<b>51.5</b>

**Total of all sections .....**72.5

## SUGGESTED COURSE SEQUENCE)

### Associate of Applied Science Industrial Maintenance Technology

<b>FALL—1st Semester</b>	<b>Credits</b>
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
<b>TOTAL</b>	<b>35</b>

<b>SPRING—2nd Semester</b>	<b>Credits</b>
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
<b>TOTAL</b>	<b>34.5</b>

**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 104.

# Career and Technical Education

## 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. Upon 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 106 for an outline of admission standards.**

General Education Requirements	Credits
English/Communications.....	3-5
Determined by placement testing	
ENG 100, 101, 103, or 107	
Computation .....	3
Any course with a MATH prefix	
Human Relations	
BUS 110 (recommended).....	1-3
<b>Total .....</b>	<b>7-11</b>

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
<b>Total .....</b>			<b>39</b>
<b>Total of all sections .....</b>			<b>46</b>

### SUGGESTED COURSE SEQUENCE

#### Certificate of Achievement Manufacturing Machining Technology

FALL—1st Semester	Credits
ENGLISH/COMMUNICATION*	3-5
MATH*	3
MTT 100	3
MTT 105	3
MTT 106	2
<b>TOTAL</b>	<b>14-16</b>

SPRING—2nd Semester	Credits
CADD 245	3
HUMAN RELATIONS*	1
MTT 110	3
MTT 111	2
MTT 230	3
MTT 291	4
<b>TOTAL</b>	<b>16</b>

FALL—3rd Semester	Credits
MTT 232	3
MTT 296	2
MTT 292	3
<b>TOTAL</b>	<b>8</b>

SPRING—4th Semester	Credits
MTT 234	3
MTT 293	3
MTT 296	2
<b>TOTAL</b>	<b>8</b>

**Minimum Credits: 46-48**

**\*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. Upon 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 106 for an outline of admission standards.**

General Education Requirements	Credits
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 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 (embedded into manufacturing machining curriculum) .....	3
<b>Total .....</b>	<b>24-26</b>

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
<b>Total .....</b>		<b>39</b>

**Total of all sections .....**63-65

### SUGGESTED COURSE SEQUENCE

#### Associate of Applied Science Manufacturing Machining Technology

FALL—1st Semester	Credits
ENGLISH/COMMUNICATION*	3
MATH*	3
MTT 100	3
MTT 105	3
MTT 106	2
<b>TOTAL</b>	<b>14</b>

SPRING—2nd Semester	Credits
CADD 245	3
ENGLISH/COMMUNICATION*	3
MTT 110	3
MTT 111	2
MTT 230	3
MTT 291	4
<b>TOTAL</b>	<b>18</b>

FALL—3rd Semester	Credits
HUMAN RELATIONS*	3
MTT 232	3
MTT 292	3
MTT 296	2
SOCIAL SCIENCE*	3
<b>TOTAL</b>	<b>14</b>

SPRING—4th Semester	Credits
HUMANITIES OR FINE ARTS*	3
MTT 234	3
MTT 293	3
MTT 296	2
SCIENCE*	3
<b>TOTAL</b>	<b>14</b>

**Minimum Credits: 60**

**\*Choose with an advisor**

# Career and Technical Education

## 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 106 for an outline of admission standards.**

General Education Requirements	Credits
English/Communications. Determined by placement testing .....	3-5
ENG 100, 101, 103, or 107	
Computation — Any course with a MATH prefix .....	3
Human Relations	
BUS 110 (recommended) .....	1-3
<b>Total</b> .....	<b>7-11</b>

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
<b>Total</b> .....		<b>48.5</b>

**Total of all sections** ..... **55.5-59.5**

### SUGGESTED COURSE SEQUENCE

#### 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 240	7
<b>TOTAL</b>	<b>28-30</b>
SPRING—2nd Semester	Credits
WELD 150	3
WELD 275	5.5
WELD 220	11
WELD 260	8
<b>TOTAL</b>	<b>27.5</b>

**Minimum Credits: 55.5**  
**\*Choose with an advisor**

**Note:** 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.
- 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 106 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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 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 (embedded into welding curriculum)	
<b>Total .....</b>	<b>21</b>

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
<b>Total .....</b>	<b>48.5</b>

### SUGGESTED COURSE SEQUENCE Associate of Applied Science 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 240	7

**TOTAL 36**

SPRING—2nd Semester	Credits
ENGLISH*	3
SCIENCE*	3
WELD 150	3
WELD 275	5.5
WELD 220	11
WELD 260	8
<b>TOTAL</b>	<b>33.5</b>

**Minimum Credits: 69.5**

**\*Choose with an advisor**

**Note:** 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.

**Note:** After the AAS in Welding Technology, the next step could be the Bachelor of Applied Science in Management and Supervision. See page 104.

# 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.

<b>Certificate of Achievement</b>  <i>One Year</i>	<b>Emphases in the Computer Technologies Associate Degrees</b>  <i>Two Years</i>	<b>Bachelor Degrees</b>  <i>Four Years</i>
	AAS-CT—Computer Programming AAS-CT—Network Specialist	BAS—Digital Information Technology or BAS—Management and Supervision Emphasis
Office Technology	AAS-CT—Office Technology	
Medical Coding and Billing	<i>The non-MCOD classes taken for the medical coding and billing certificate apply toward an associate degree</i>	

# 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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
Mathematics .....	3-6
MATH 126, 126E or higher, includes STAT 152)	
Science—PHYS 100 (recommended).....	3
Social Science—PSC 101.....	3
Human Relations .....	3
Humanities or Fine Arts.....	3
Technology—CIT 129 (required).....	3
<b>Total .....</b>	<b>24-27</b>

Program Core Requirements	Credits
CIT 151 Beginning Web Development .....	3
COT 204 Using Windows.....	3
IS 201 Computer Applications.....	3
<b>Total .....</b>	<b>9</b>

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 240 Python for Data Analysis .....	3
CIT 242 R for Data Analysis.....	3
CIT 263 Project Management.....	3

CS 135 Computer Science I.....	3
<b>Total .....</b>	<b>27</b>

**Total of all sections .....** 60

### SUGGESTED COURSE SEQUENCE

#### Associate of Applied Science Computer Technologies Computer Programming Emphasis

FALL—1st Semester	Credits
CIT 110	3
CIT 129	3
ENG 100 or 101	3
COT 204	3
MATH 126 or 126E	3-6
<b>TOTAL</b>	<b>15-18</b>

SPRING—2nd Semester	Credits
IS 201	3
CIT 174	3
CIT 130	3
ENG 102	3
HUMANITIES/FINE ARTS*	3
<b>TOTAL</b>	<b>15</b>

FALL—3rd Semester	Credits
CIT 240	3
CIT 151	3
CIT 180	3
HUMAN RELATIONS*	3
PHYS 100	3
<b>TOTAL</b>	<b>15</b>

SPRING—4th Semester	Credits
CIT 152	3
CS 135	3
CIT 263	3
CIT 242	3
PSC 101	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 60-63**

**\*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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
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 82.	
<b>Total .....</b>	<b>24-26</b>

Program Core Requirements	Credits
CSCO 120 Introduction to Network .....	4
CS 151 Introduction to Cybersecurity .....	3
CIT 174 Linux System Administration .....	3
<b>Total .....</b>	<b>10</b>

Program Emphasis Requirements	Credits
CIT 110 A+ Hardware .....	3
CIT 204 Using Windows .....	3
CIT 212 Microsoft Networking II .....	3
CIT 217 Security + .....	3
CIT 263 Project Management .....	3
CSCO 121 CCNA Switching, Routing and Wireless Essentials .....	4
CSCO 220 CCNA Enterprise Networking, Security and Automation .....	4
CSCO 230 Fundamentals of Network Security .....	4
<b>Total .....</b>	<b>27</b>

Total of all sections ..... 61

### SUGGESTED COURSE SEQUENCE

#### Associate of Applied Science Computer Technologies Network Specialist Emphasis

FALL—1st Semester	Credits
CIT 110	3
CS 151	3
CSCO 120	4
ENG 100 or 101	3-5
MATH 126 or MATH 126E*	3
<b>TOTAL</b>	<b>16-18</b>

SPRING—2nd Semester	Credits
CIT 174	3
CIT 129	3
CSCO 121	4
ENG 102	3
BUS 110	3
<b>TOTAL</b>	<b>16</b>

FALL—3rd Semester	Credits
CIT 129	3
CIT 217	3
CIT 212	3
CSCO 220	4
PSC 101	3
<b>TOTAL</b>	<b>16</b>

SPRING—4th Semester	Credits
CIT 263	3
MUS 121	3
PHYS 100	3
CSCO 230	4
<b>TOTAL</b>	<b>13</b>

**Minimum Credits: 61**

**\*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.....	3-5
ENG 100 or 101	
Computation .....	3-6
MATH 120, 120E, 126, 126E, or higher, or, STAT 152	
Human Relations (Choose one of the following).....	3
BUS 110, HMS 200, MGT 283, or PSY 208	
<b>Total .....</b>	<b>9-14</b>

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
<b>Total .....</b>	<b>21</b>

**Total of all sections .....**30-35

## SUGGESTED COURSE SEQUENCE Certificate of Achievement—

### Computer Technologies Office Technology

FALL—1st Semester	Credits
COT 151	3
ENG 100 or 101	3
IS 101	3
COT 204	3
MATH 120, 120E, 126, 126E or higher*	3
<b>TOTAL</b>	<b>15</b>

SPRING—2nd Semester	Credits
ACC 201	3
CIT 202	3
IS 201	3
COT 240	3
HUMAN RELATIONS*	3
<b>TOTAL</b>	<b>15</b>

**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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
Mathematics .....	3
MATH 120, 120E, 126, 126E or higher (includes STAT 152)	
Science .....	3
Social Science—PSC 101.....	3
Human Relations .....	3
Humanities or Fine Arts .....	3
Technology—IS 101 (required).....	3
<b>Total .....</b>	<b>24</b>

Program Core Requirements	Credits
CIT 151 Beginning Web Development .....	3
COT 204 Using Windows.....	3
IS 201 Computer Applications.....	3
<b>Total .....</b>	<b>9</b>

Program Emphasis Requirements	Credits
ACC 201 Financial Accounting.....	3
CIT 201 Word Certification Preparation .....	3
CIT 202 Excel Certification Preparation .....	3
ECON 102 Principles of Microeconomics, <b>or</b>	
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
<b>Total .....</b>	<b>27</b>

Total of all sections..... 60

### SUGGESTED COURSE SEQUENCE

#### Associate of Applied Science Computer Technologies Office Technology Emphasis

FALL—1st Semester	Credits
COT 151	3
ENG 100 or 101	3
IS 101	3
COT 204	3
MATH 120, 120E, 126, 126E or higher*	3
<b>TOTAL</b>	<b>15</b>

SPRING—2nd Semester	Credits
ACC 201	3
CIT 202	3
IS 201	3
COT 240	3
ENG 102	3
<b>TOTAL</b>	<b>15</b>

FALL—3rd Semester	Credits
CIT 151	3
CIT 201	3
ECON 102 or ECON 103	3
GRC 103	3
HUMANITIES/FINE ARTS*	3
<b>TOTAL</b>	<b>15</b>

SPRING—4th Semester	Credits
HUMAN RELATIONS*	3
GRC 183	3
MGT 201	3
PSC 101	3
SCIENCE*	3
<b>TOTAL</b>	<b>15</b>

**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 91 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, <b>or</b>	
THTR 102	Introduction to Stage Voice, <b>or</b>	
THTR 221	Oral Interpretation .....	3
ENG 333	Professional Communications.....	3
STAT 152	Principles of Statistics I, <b>or</b>	
MATH 181	Calculus I .....	3-4
PHIL 311	Professional Ethics .....	3
<b>Total</b> .....		<b>12-13</b>

Mastery Courses Requirements		Credits
Humanities .....		3
HUM 301 or INT 339		
Mathematical .....		3
MATH 389 or INT 359		
Science .....		3-4
GEOL 335, PHYS 152, PHYS 181 or INT 369		
Social Science .....		3
ANTH 307, ANTH 332, HIST 303, HIST 312, HIST 341, INT 349 or PSY 313		
<b>Total</b> .....		<b>12-13</b>

Applied Science Core Requirements		Credits
FIN 310	Applied Accounting and Finance.....	3
MGT 310	Foundations of Management Theory and Practice .....	3

MGT 323	Organizational and Interpersonal Behavior, <b>or</b>	
MGT 367	Human Resource Management .....	3
<b>Total</b> .....		<b>9</b>

Program Emphasis Requirements		Credits
CIT 303	Intermediate Survey of Computing.....	3
COT 490	Digital Communications (Capstone).....	3
IS 301	Management Information Systems.....	3
<b>Total</b> .....		<b>9</b>

Program Electives		Credits
<b>Select from the following:</b>		
CIT 361	TCP/IP: Managing Network Resources.....	3
CIT 480	SQL Database Design and Implementation .....	3
CSCO 480	CCNP Enterprise - Core Networking I.....	4
CSCO 482	CCNP Enterprise - Core Networking II.....	4
CSCO 483	CCNP Enterprise Advanced Routing and Services .....	4
GIS 320	GIS in Business and Community.....	3
Upper-Division Elective .....		3
<b>Total</b> .....		<b>18</b>

**Total of all sections** ..... **60**

**Note:** Students should submit a program application to the Admissions and Records office

**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****Bachelor of Applied Science  
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 126E	3
<b>TOTAL</b>		<b>15</b>

**SPRING—2nd Semester Credits**

CIT	129	3
HUMAN RELATIONS*		3
GRC	119	3
ENG	102	3
GRC	188	3
<b>TOTAL</b>		<b>15</b>

**FALL—3rd Semester Credits**

CIT	180	3
GRC	156	3
CIT	152	3
HUMANITIES/FINE ARTS*		3
SCIENCE*		3
<b>TOTAL</b>		<b>15</b>

**SPRING—4th Semester Credits**

CIT	174	3
IS	201	3
LOWER-DIVISION PROGRAM ELECTIVES**		6
PSC	101	3
<b>TOTAL</b>		<b>15</b>

**FALL—5th Semester Credits**

CIT	303	3
COM	113	3
ENG	333	3
MASTERY COURSE**		3
STAT	152 or MATH 181	3-4
<b>TOTAL</b>		<b>15-16</b>

**SPRING—6th Semester Credits**

MASTERY COURSE—SCIENCE		3-4
PHIL	311	3
UPPER-DIVISION PROGRAM ELECTIVE**		3
MGT	310	3
MGT	323 or 367	3
<b>TOTAL</b>		<b>15-16</b>

**FALL—7th Semester Credits**

UPPER-DIVISION PROGRAM ELECTIVE**		3
UPPER-DIVISION PROGRAM ELECTIVE**		3
UPPER-DIVISION PROGRAM ELECTIVE**		3
MASTERY COURSE**		3
IS	301	3
<b>TOTAL</b>		<b>15</b>

**SPRING—8th Semester Credits**

COT	490	3
FIN	310	3
MASTERY COURSE**		3
UPPER-DIVISION PROGRAM ELECTIVE**		3
UPPER-DIVISION PROGRAM ELECTIVE**		3
<b>TOTAL</b>		<b>15</b>

**Minimum Credits: 120****\*Select from page 82****\*\*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.....	3-5
ENG 100, 101, or ENG 103	
Human Relations .....	3
COT 240 Executive Office Procedures (three-credit course includes a computation component)	
<b>Total .....</b>	<b>6-8</b>

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
<b>Total .....</b>	<b>28</b>

**Total of all sections .....**34-36

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

FALL—1st Semester	Credits
ENG 100, 101, or ENG 103	3-5
MCOD 110	3
MCOD 120	3
MCOD 130	5
MCOD 140	3
<b>TOTAL</b>	<b>17-19</b>

SPRING—2nd Semester	Credits
COT 240	3
MCOD 200	3
MCOD 210	5
MCOD 220	6
<b>TOTAL</b>	<b>17</b>

**Minimum Credits: 34-36**

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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
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
<b>Total .....</b>	<b>24-26</b>

Program Core Requirements	Credits
CIT 151 Beginning Web Development .....	3
COT 204 Using Windows .....	3
IS 201 Computer Applications.....	3
<b>Total .....</b>	<b>9</b>

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
<b>Total .....</b>	<b>21</b>

Program Electives (Choose with advisor)	Credits
Any 100-level or higher courses from CIT, CSCO, GIS, GRC or IS.....	6
<b>Total .....</b>	<b>6</b>

**Total of all sections .....** 60

### SUGGESTED COURSE SEQUENCE

#### Associate of Applied Science 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
<b>TOTAL</b>	<b>15</b>

SPRING—2nd Semester	Credits
CIT 129	3
HUMAN RELATIONS*	3
GRC 119	3
ENG 102	3
GRC 188	3
<b>TOTAL</b>	<b>15</b>

FALL—3rd Semester	Credits
CIT 180	3
GRC 156	3
CIT 152	3
HUMANITIES/FINE ARTS*	3
SCIENCE*	3
<b>TOTAL</b>	<b>15</b>

SPRING—4th Semester	Credits
CIT 174	3
PROGRAM ELECTIVES**	3
PROGRAM ELECTIVES**	3
IS 201	3
PSC 101	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 60**

**\*Select from page 82**  
**\*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 3: 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 4: 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 5: 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 & summative assessments, reflective essays, observations, and performance-based rubrics.**

# Education

## Certificate of Achievement— Early Childhood Education, Early Childhood Emphasis

General Education Requirements	Credits
English/Communications.....	3-5
ENG 100 or 101	
Computation—Any course with a MATH prefix.....	3
Human Relations—PSY 208 (required).....	3
Technology—EDU 214 (required).....	3
<b>Total .....</b>	<b>12-14</b>

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
<b>Total .....</b>	<b>21</b>

**Total of all sections.....33-35**

### SUGGESTED COURSE SEQUENCE

#### Certificate of Achievement— Early Childhood Education Early Childhood Emphasis

FALL—1st Semester	Credits
ECE 204	3
ECE 250	3
ENG 100 or 101	3-5
EDU 214	3
MATH	3
<b>TOTAL</b>	<b>15-17</b>

SPRING—2nd Semester	Credits
PSY 208	3
ECE 200	3
ECE 251	3
ECE 231	6
ECE 262	3
<b>TOTAL</b>	<b>18</b>

**Minimum Credits: 33-35**

# Education

## Associate of Applied Science— Early Childhood Education Early Childhood Emphasis

General Education Requirements	Credits
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
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
<b>Total .....</b>	<b>24-29</b>

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
<b>Total .....</b>	<b>12</b>

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 Assess- ment of Young Children .....	3
ECE 251 Curriculum in Early Childhood Education .....	3
HDFS 201 Lifespan Human Development .....	3
HDFS 202 Introduction to Families, <b>or</b>	
HDFS 232 Diversity in Children .....	3
<b>Total .....</b>	<b>24</b>

**Total of all sections .....**60-65

## SUGGESTED COURSE SEQUENCE

### Associate of Applied Science 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	3-5
MATHEMATICS**	3-6
<b>TOTAL</b>	<b>15-20</b>

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
<b>TOTAL</b>	<b>15-18</b>

FALL—3rd Semester	Credits
ECE 210	3
ECE 200	3
HDFS 202 or 232	3
HUMANITIES/FINE ARTS*	3
HDFS 201	3
<b>TOTAL</b>	<b>15</b>

SPRING—4th Semester	Credits
ECE 231	6
PSY 208	3
SCIENCE*	3
EDU 214	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 60-65**

**\*Select from page 82**

**\*\*Choose with an advisor**

# Education

## Associate of Applied Science — Early Childhood Education Infant/Toddler Emphasis

General Education Requirements	Credits
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
Mathematics .....	3
MATH 116 116E, 120, 120E, 126, 126E or higher (includes STAT 152) MATH 120, 120E (preferred)	
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
<b>Total .....</b>	<b>24-27</b>

List of courses fulfilling general education requirements is on page 82.

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
<b>Total .....</b>	<b>12</b>

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, <b>or</b>	
HDFS 232 Diversity in Children .....	3

General Elective .....	3
<b>Total .....</b>	<b>24</b>

**Total of all sections .....**60-65

## SUGGESTED COURSE SEQUENCE

### Associate of Applied Science Early Childhood Education Infant/Toddler Emphasis

FALL—1st Semester	Credits
ECE 126	3
ECE 127	3
ENG 100 or 101	3
HUMANITIES/FINE ARTS*	3
MATHEMATICS**	3
<b>TOTAL</b>	<b>15</b>

SPRING—2nd Semester	Credits
ECE 130	3
ECE 200	3
ECE 204	3
ECE 262	3
ENG 102	3
<b>TOTAL</b>	<b>15</b>

FALL—3rd Semester	Credits
HDFS 201	3
ECE 250	3
ECE 251	3
PSY 208	3
ECE 210	3
<b>TOTAL</b>	<b>15</b>

SPRING—4th Semester	Credits
ECE 214	3
HDFS 202 or 232	3
HIST 101 and HIST 102, or PSC 101	3-6
SCIENCE*	3
ELECTIVE**	3
<b>TOTAL</b>	<b>15-18</b>

**Minimum Credits: 60**

\*Select from page 82  
\*\*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.

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications ..... 3-5 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	
<b>Logical and Scientific Reasoning</b>	
Mathematical Reasoning ..... 3 MATH 120, 120E, 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	
<b>Human Societies and Experience</b>	
Structure of Societies ..... 3 ANTH 101, CRJ 104, CRJ 270, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208 (preferred), 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 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, .. PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	
<b>Technological Proficiency</b> — EDU 214 (required) ..... 3	
<b>Social Science</b> —HIST 102 (required) ..... 3	
<b>Humanities/Fine Arts</b> ..... 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

**Total** ..... **39-43**

Program Requirements	Credits
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
<b>Total</b> .....	<b>21</b>

**Total of all sections** ..... **60-62**

Nevada Highway Patrol and FBI background check required.

### SUGGESTED COURSE SEQUENCE

#### Associate of Arts Early Childhood Education

FALL—1st Semester	Credits
ECE 250	3
ENG 100 or ENG 101	3-5
ECE 204	3
MATH 120, 120E, 126, 126E or higher	3-6
PSY 208 (recommended)	3
<b>TOTAL</b>	<b>15-20</b>

SPRING—2nd Semester	Credits
ECE 251	3
ECE 262	3
ENG 102	3
FINE ARTS*	3
SCIENTIFIC DATA INTERPRETATION*	3-4
<b>TOTAL</b>	<b>15-16</b>

FALL—3rd Semester	Credits
ECE 200	3
EDU 214	3
HDFS 202	3
HUMANITIES/FINE ARTS*	3
HIST 101	3
<b>TOTAL</b>	<b>15</b>

SPRING—4th Semester	Credits
HUMANITIES*	3
ORAL COMMUNICATIONS*	3
HDFS 232	3
HIST 102	3
SCIENTIFIC REASONING*	3-4
<b>TOTAL</b>	<b>15-16</b>

**Minimum Credits: 60-67**

**\*Select from page 81**

## 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 Childhood 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, if applicable.
- 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 ten years
- Official transcripts 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, if applicable. There is a fingerprinting fee.

**Maintaining Good Standing**

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 project development.
- Receive no lower than a 2.0 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 or Associate of Applied Science 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

<b>General Education Requirements</b>		<b>Credits</b>
<b>Lower-Division Courses</b>		
Evidence Based Communications		
ENG 102 Composition II .....		3
Mathematical Reasoning		
MATH 120, 120E, 126, 126E or higher or STAT 152 ...		3
Scientific Data Interpretation .....		
AST 101, BIOL 100, BIOL 190, CHEM 100, CHEM 121, ENV 100, GEOL 101, NUTR 121, PHYS 100, PHYS 151, PHYS 180		3-4
Scientific Reasoning .....		
Any AST, BIOL, CHEM, ENV, GEOL, PHYS, plus ANTH 102, GEOG 103, and NUTR 121		3-4
Foundations: 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
American Constitutions and Institutions .....		
PSC 101 or HIST 101 and HIST 102 (must take both)		3-6
Humanities .....		
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211		3
Communications & Expressions: Fine Arts .....		
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204		3
Technology .....		
EDU 214 Technology in Education		3
<b>Total .....</b>		<b>27-30</b>

<b>Mastery Course Requirement .....</b>		<b>3</b>
Humanities	HUM 101, INT 339 or	
Social Science	ANTH 307, 332, HIST 303, 312, 341, INT 349, PSY 313	
<b>Total .....</b>		<b>3</b>

<b>Lower Division Program Requirements</b>		<b>Credits</b>
Oral Communications .....		
COM 113, THTR 102, or THTR 221		3
Written Communications .....		
ENG 100 or ENG 101		3-5
Structures of Societies (PSY 208 Recommended) .....		
ANTH 101, CRJ 104, CRJ 270, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101		3
Foundations: Humanities/Fine Arts (ENG 250 recommended) .....		
Or choose from 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
<b>Total .....</b>		<b>12-14</b>

<b>ECE/HDFS Education Lower-Division Courses</b>		<b>Credits</b>
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
<b>Total</b>			<b>39</b>

<b>Upper-Division Program Requirements</b>		<b>Credits</b>	
Early Childhood/HDFS Course			
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
<b>Total</b>			<b>12</b>

<b>Methods Courses</b>		<b>Credits</b>	
ECE	453	Methods in ECE I: Social Science. ....	3
ECE	454	Methods in ECE II: Math & Science. ....	3
<b>Total</b>			<b>6</b>

<b>ELAD: English Language Acquisition &amp; Development</b>		<b>Credits</b>	
Courses			
EDRL	471	Theory and Practice for Academic English Language Development.....	3
HDFS	428	Preschool Curriculum I. ....	3
<b>Total</b>			<b>6</b>

<b>SPED: Special Education Courses Requirement</b>		<b>Credits</b>	
HDFS	429	Advanced Preschool Curriculum II.....	3
EDUC	470	Multicultural Education for a Diverse Society.....	3
<b>Total</b>			<b>6</b>

<b>Internship Requirement</b>		<b>Credits</b>	
ECE	483	Pre-Student Teaching in ECE (Capstone). 3	
ECE	493	Supervised Internship in ECE.....	6
<b>Total</b>			<b>9</b>

**Total Credits** .....120

## SUGGESTED 4 YEAR PLAN OF STUDY

### Bachelor of Applied Science Early Childhood Education Birth through Age Five, Non-Licensure

<b>FALL—1st Semester</b>		<b>Credits</b>
ENG	100 OR 101	3
MATH	120, 120E or higher	3
PSC	101 or HIST 101 & 102	3
ECE	130	3
ECE	250	3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
ENG	102	3
Humanities**		3
Oral Communications**		3
ECE	126	3
ECE	251	3
<b>TOTAL</b>		<b>15</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
Science**		3
Fine Arts**		3
PSY	208 (Recommended)	3
ECE	127	3
ECE	204	3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
Science**		3
ENG	250 (Recommended)	3
HDFS	201	3
ECE	200	3
ECE	210	3
<b>TOTAL</b>		<b>15</b>

**Minimum Credits: 60**

<b>FALL—5th Semester</b>		<b>Credits</b>
MASTERY COURSE**		3
ECE 235		3
EDU 214		3
HDFS 202		3
HDFS 232		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—6th Semester</b>		<b>Credits</b>
ECE 262		3
EDES 300		3
EDRL 471		3
ECE 453		3
<b>TOTAL</b>		<b>12</b>

<b>FALL—7th Semester</b>		<b>Credits</b>
ECE 454		3
HDFS 435A		3
ECE 441		3
ECE 461		3
HDFS 428		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—8th Semester</b>		<b>Credits</b>
HDFS 429		3
EDUC 470		3
ECE 483		3
ECE 493		6
<b>TOTAL</b>		<b>15</b>

**Minimum Credits: 120**

**\*Select from page 82**  
**\*\* 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.

Prior to being accepted into 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.

After students have met all of the program requirements, they will be accepted into the Teacher Education Program. Contact the education department to receive a copy of the most current GBC teacher education program admission 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.

**Capstone Project**

Students will be required to complete a capstone project. 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 capstone project during the student teaching internship. Presentations of the capstone projects 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.

**General Education Requirements Credits**

**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 (Minimum two areas*) .....	7
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, CRJ 104, CRJ 270, 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**

Humanities: ENG 250.....	3
Fine Arts.....	3
ART 100, ART 101, ART 107, MUS 101, ENG 205, THTR 100, THTR 105, THTR 204	

**Total .....** 28

**Baccalaureate Requirements (in addition to those listed in Section A).**

**Capstone**

EDEL 491	Elementary Education Capstone Seminar	3
----------	---------------------------------------	---

**Total .....** 3

**Mastery Course Requirement .....** 3

Math	MATH 389, INT 359, or
Science	GEOL 335 or INT 369

**Total .....** 3

**Program Requirements Credits**  
(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 .....** 27

\*\*Choose with advisor, other options **may be** available.

**Elementary Education Curriculum Credits**  
**Education Courses**

EDEL	311	Elementary Methods Practicum I,	
EDEL	313	Elementary Methods Practicum II, .....	5-6
EDEL	315	Elementary Methods Practicum III.....	3
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	

EDSP	485	Special Education Practicum: Secondary .....	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 .....** 30-31

**Methods Courses (must be accepted into the teacher education program to register for classes) Credits**

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 .....** 18

**Teaching Internship Credits**

(must be accepted into student teaching to register for class)

EDEL	483	Elementary Supervised Teaching Internship.....	14
------	-----	--	----

**Total .....** 14

**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, HUM 301 or Upper-division English

**Mathematics Emphasis**

MATH 122, MATH 123

MATH 126, 126E and MATH 127, or MATH 128, or higher INT 359, MATH 389 or Upper-Division Mathematics Course STAT 152

**Science Emphasis**

Choose an option in the columns below

**Science Emphasis Options**

<b>Option A*</b>	<b>Option B</b>	<b>Option C</b>	<b>Option D</b>
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
GEOL 335	INT 369	INT 369	INT 369
	GEOL 335	GEOL 335	GEOL 335

\*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, 270; 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

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.**

**Special Education (Generalist K-12) Endorsement**

**SUGGESTED 4 YEAR PLAN OF STUDY**  
**Elementary Education—ELAD Endorsement**

<b>FALL—1st Semester</b>		<b>Credits</b>
ENG	100 or 101	3
MATH	120 or 120E**	3
HIST	101	3
FINE ARTS*		3
<b>TOTAL</b>		<b>12</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
ENG	102	3
HIST	102	3
COM	113*	3
SCIENCE*		4
<b>TOTAL</b>		<b>13</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
ENG	250	3
EDEL	311	1
EDU	250	3
PSY	101*	3
MATH	122	3
SCIENCE**		3
<b>TOTAL</b>		<b>16</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
EDEL	313	1
EDSP	301	3
EDUC	406	3
EDUC	323	3
MATH	123	3
HDFS	201	3
<b>TOTAL</b>		<b>16</b>

<b>FALL—5th Semester</b>		<b>Credits</b>
EDRL	437	3
MASTERY COURSE**		3
EDRL	474	3
EDSP	453	3
EDSP	485	1
EDUC	470	3
<b>TOTAL</b>		<b>16</b>

<b>SPRING—6th Semester</b>		<b>Credits</b>
EDEL	315	1
EDRL	442	3
EDRL	443	3
EDRL	475	3
EDRL	477	3
EDSP	464	3
<b>TOTAL</b>		<b>16</b>

<b>FALL—7th Semester</b>		<b>Credits</b>
EDEL	315	2
EDEL	433	3
EDEL	443	3
EDEL	453	3
EDRL	471	3
<b>TOTAL</b>		<b>14</b>

<b>SPRING—8th Semester</b>		<b>Credits</b>
EDEL	483	14
EDEL	491	3
<b>TOTAL</b>		<b>17</b>

**Minimum Credits: 120**

**\*Select from page 82**

**\*\*Choose with an advisor**

**SUGGESTED 4 YEAR PLAN OF STUDY**

**Bachelor of Arts  
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
<b>TOTAL</b>	<b>15</b>

**SPRING—2nd Semester Credits**

ECE 251	3
ECE 262	3
ENG 102	3
HIST 102	3
SCIENCE **	4
<b>TOTAL</b>	<b>16</b>

**FALL—3rd Semester Credits**

ENG 250	3
ECE 200	3
HDFS 202	3
PSY 101*	3
ECE 127	3
<b>TOTAL</b>	<b>15</b>

**SPRING—4th Semester Credits**

COM 113*	3
ECE 204	3
HDFS 232	3
HDFS 201	3
SCIENCE**	3
<b>TOTAL</b>	<b>15</b>

**FALL—5th Semester Credits**

EDSP 301	3
EDEL 311	1
EDRL 474	3
EDU 250	3
MATH 122	3
MASTERY COURSE**	3
<b>TOTAL</b>	<b>16</b>

**SPRING—6th Semester Credits**

EDEL 313	1
EDRL 437	3
EDRL 475	3
EDUC 406	3
EDRL 471	3
MATH 123	3
<b>TOTAL</b>	<b>16</b>

**FALL—7th Semester Credits**

EDEL 315	1
EDUC 470	3
EDEL 443	3
EDEL 453	3
EDSP 453	3
EDSP 485	1
<b>TOTAL</b>	<b>14</b>

**SPRING—8th Semester Credits**

EDEL 315	2
EDRL 442	3
EDRL 443	3
EDSP 464	3
EDRL 477	3
EDEL 433	3
<b>TOTAL</b>	<b>17</b>

**Fall—9th Semester Credits**

EDEL 483	8
EDEL 491	3
ECE 493	8
<b>TOTAL</b>	<b>19</b>

**Minimum Credits: 143**

**\*Select from page 82**

**\*\*Choose with an advisor**

## SUGGESTED 4 YEAR PLAN OF STUDY

### Bachelor of Arts 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
<b>TOTAL</b>	<b>15</b>

#### SPRING—2nd Semester Credits

HDFS 201	3
ENG 102	3
HIST 102	3
SCIENCE**	4
COM 113*	3
<b>TOTAL</b>	<b>16</b>

#### FALL—3rd Semester Credits

EDEL 311	1
ENG 203 or 223	3
EDU 250	3
ENG 250	3
MATH 122	3
SCIENCE**	3
<b>TOTAL</b>	<b>16</b>

#### SPRING—4th Semester Credits

EDUC 406	3
ENG 327	3
EDEL 313	1
MATH 123	3
EDUC 323	3
EDSP 301	3
<b>TOTAL</b>	<b>16</b>

#### FALL—5th Semester Credits

EDSP 485	1
EDRL 437	3
EDRL 474	3
EDSP 453	3
EDUC 470	3
MASTERY COURSE**	3

#### TOTAL 16

#### SPRING—6th Semester Credits

EDEL 315	1
EDRL 442	3
EDRL 443	3
EDRL 475	3
ENG 411B	3
EDSP 464	3
<b>TOTAL</b>	<b>16</b>

#### FALL—7th Semester Credits

EDEL 315	2
EDEL 433	3
EDEL 443	3
EDEL 453	3
EDRL 471	3
MASTERY COURSE**	3

#### TOTAL 17

#### SPRING—8th Semester Credits

EDEL 483	14
EDEL 491	3
EDRL 477	3
<b>TOTAL</b>	<b>20</b>

Minimum Credits: 132

\*Select from page 82

\*\*Choose with an advisor

**SUGGESTED 4 YEAR PLAN OF STUDY**

**Bachelor of Arts  
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
<b>TOTAL</b>	<b>15</b>

**SPRING—2nd Semester Credits**

COM 113*	3
ENG 102	3
HIST 102	3
MATH 127	3
SCIENCE**	4
<b>TOTAL</b>	<b>16</b>

**FALL—3rd Semester Credits**

ENG 250	3
EDU 250	3
HDFS 201	3
MATH 122	3
SCIENCE**	3
EDEL 311	1
<b>TOTAL</b>	<b>16</b>

**SPRING—4th Semester Credits**

EDUC 406	3
EDUC 323	3
EDSP 301	3
MATH 123	3
STAT 152	3
EDEL 313	1
<b>TOTAL</b>	<b>16</b>

**FALL—5th Semester Credits**

EDSP 485	1
EDRL 437	3
EDRL 474	3
EDSP 453	3
EDUC 470	3
MASTERY COURSE**	3
<b>TOTAL</b>	<b>16</b>

**SPRING—6th Semester Credits**

EDEL 315	1
EDRL 442	3
EDRL 443	3
EDRL 475	3
EDRL 477	3
EDSP 464	3
<b>TOTAL</b>	<b>16</b>

**FALL—7th Semester Credits**

EDRL 471	3
EDEL 433	3
EDEL 443	3
EDEL 453	3
EDEL 315	2
<b>TOTAL</b>	<b>14</b>

**SPRING—8th Semester Credits**

EDEL 483	14
EDEL 491	3
<b>TOTAL</b>	<b>17</b>

**Minimum Credits: 126**

**\*Select from page 82**

**\*\*Choose with an advisor**

## SUGGESTED 4 YEAR PLAN OF STUDY

### Bachelor of Arts Elementary Education—Science Emphasis Options A–D and ELAD Endorsement

<b>FALL—1st Semester</b>	<b>Credits</b>
ENG 100 or 101	3
MATH 120 or MATH 120E**	3
PSY 101*	3
HIST 101	3
FINE ARTS*	3
<b>TOTAL</b>	<b>15</b>

<b>SPRING—2nd Semester</b>	<b>Credits</b>
ENG 102	3
PHYS 100 **	4
HIST 102	3
COM 113*	3
HDFS 201	3
<b>TOTAL</b>	<b>16</b>

<b>FALL—3rd Semester</b>	<b>Credits</b>
EDEL 311	1
EDU 250	3
MATH 122	3
ENG 250	3
BIOL 190**	4
EDUC 323	3
<b>TOTAL</b>	<b>17</b>

<b>SPRING—4th Semester</b>	<b>Credits</b>
EDUC 406	3
MATH 123	3
EDEL 313	1
BIOL 191**	3
EDSP 301	3
UPPER DIVISION SCIENCE	3
<b>TOTAL</b>	<b>16</b>

<b>FALL—5th Semester</b>	<b>Credits</b>
MASTERY COURSE**	3
EDUC 470	3
EDSP 485	1
EDRL 437	3
EDSP 453	3
EDRL 474	3
<b>TOTAL</b>	<b>16</b>

<b>SPRING—6th Semester</b>	<b>Credits</b>
EDEL 315	1
EDRL 442	3
EDRL 443	3
EDRL 475	3
EDRL 477	3
EDSP 464	3
<b>TOTAL</b>	<b>16</b>

<b>FALL—7th Semester</b>	<b>Credits</b>
EDEL 453	3
EDEL 433	3
EDEL 443	3
EDRL 471	3
EDEL 315	2
GEOL 101**	4
<b>TOTAL</b>	<b>18</b>

<b>SPRING—8th Semester</b>	<b>Credits</b>
EDEL 483	14
EDEL 491	3
<b>TOTAL</b>	<b>17</b>

**Minimum Credits: 131**

\*Select from page 82

\*\*Choose with an advisor

**SUGGESTED 4 YEAR PLAN OF STUDY**

**Bachelor of Arts  
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
<b>TOTAL</b>	<b>15</b>

**SPRING—2nd Semester Credits**

COM 113*	3
ENG 102	3
HDFS 201	3
HIST 102	3
SCIENCE**	4
<b>TOTAL</b>	<b>16</b>

**FALL—3rd Semester Credits**

EDEL 311	1
EDUC 323	3
EDU 250	3
MATH 122	3
SCIENCE **	3
ENG 250	3
<b>TOTAL</b>	<b>16</b>

**SPRING—4th Semester Credits**

EDUC 406	3
EDEL 313	1
EDRL 471	3
UPPER-DIVISION SOCIAL SCIENCE**	3
MATH 123	3
EDSP 301	3
<b>TOTAL</b>	<b>16</b>

**FALL—5th Semester Credits**

MASTERY COURSE**	3
EDRL 477	3
EDUC 470	3
EDSP 453	3
EDRL 437	3
EDSP 485	1
<b>TOTAL</b>	<b>16</b>

**SPRING—6th Semester Credits**

EDEL 315	1
EDRL 442	3
EDRL 443	3
EDSP 464	3
EDRL 475	3
UPPER-DIVISION SOCIAL SCIENCE**	3
<b>TOTAL</b>	<b>16</b>

**FALL—7th Semester Credits**

EDEL 315	2
EDEL 433	3
EDEL 443	3
EDEL 453	3
EDRL 474	3
INT 359 or 369*	3
<b>TOTAL</b>	<b>17</b>

**SPRING—8th Semester Credits**

EDEL 483	14
EDEL 491	3
<b>TOTAL</b>	<b>17</b>

**Minimum Credits: 129**

**\*Select from page 82**

**\*\*Choose with an advisor**

## SUGGESTED 4 YEAR PLAN OF STUDY

### Bachelor of Arts Elementary Education with Special Education Endorsement and ELAD Endorsement

<b>FALL—1st Semester</b>		<b>Credits</b>
ENG 100 or 101		3
HIST 101		3
FINE ARTS*		3
MATH 120 or MATH 120E**		3
<b>TOTAL</b>		<b>12</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
COM 113*		3
ENG 102		3
HIST 102		3
SCIENCE**		4
<b>TOTAL</b>		<b>13</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
EDEL 311		1
EDU 250		3
ENG 250		3
MATH 122		3
SCIENCE**		3
EDSP 301		3
<b>TOTAL</b>		<b>16</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
EDUC 406		3
HDFS 201		3
PSY 101*		3
MATH 123		3
EDSP 452		3
EDEL 313		1
<b>TOTAL</b>		<b>16</b>

<b>FALL—5th Semester</b>		<b>Credits</b>
MASTERY COURSE**		3
EDRL 437		3
EDUC 470		3
EDRL 471		3
EDSP 453		3
EDSP 485		1
<b>TOTAL</b>		<b>16</b>

<b>SPRING—6th Semester</b>		<b>Credits</b>
EDEL 315		1
EDSP 441		3
EDEL 433		3
EDRL 475		3
EDSP 434		3
EPY 330		3
<b>TOTAL</b>		<b>16</b>

<b>FALL—7th Semester</b>		<b>Credits</b>
EDEL 315		1
EDRL 474		3
EDEL 443		3
EDEL 453		3
EDSP 443		3
EDSP 484		1
<b>TOTAL</b>		<b>14</b>

<b>SPRING—8th Semester</b>		<b>Credits</b>
EDRL 477		3
EDSC 443 or EDSC 453*		3
EDRL 442		3
EDRL 443		3
EDEL 315		1
EDSP 464		3
<b>TOTAL</b>		<b>16</b>

<b>SPRING—9th Semester</b>		<b>Credits</b>
EDEL 483		8
EDEL 491		3
EDSP 495		8
<b>TOTAL</b>		<b>19</b>

**Minimum Credit: 138**

\*Select from page 82

\*\*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

Prior to being accepted into 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.
- Prior to acceptance, completion of
  - ENG 102,
  - MATH 120, 120E, 126, 126E or higher, **and**
  - EDU 250 (requires grade of C- or higher).
- 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.

After the specified prerequisites have been met, students must formally apply for admission into the teacher education program. Contact the education department to receive a copy of the most current GBC teacher education program admission handbook.

### 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.

### Capstone Project

Students will be required to complete a capstone project. 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 capstone project during the student teaching internship. Presentations of the capstone projects 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

### General Education and Program

Core Requirements		Credits
<b>Lower-Division General Education Requirements</b>		
BIOL	190	Introduction to Cell and Molecular Biology..... 4
CHEM	121	General Chemistry I..... 4
Written Communications .....		3-5
ENG 100 or 101		
Evidence-Based Communications .....		3
ENG 102		
MATH	127	Precalculus II or higher..... 3
STAT	152	Introduction to Statistics, <b>or</b>
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		
<b>Total .....</b>		<b>32-34</b>

### Lower-Division Secondary Education

Core Requirements		Credits
COM	113	Fundamentals of Speech Communication, <b>or</b>
THTR	102	Introduction to Stage Voice, <b>or</b>
THTR	221	Oral Interpretation..... 3
EDU	214	Preparing Teachers to Use Technology .....
EDU	250	Foundations of Education .....
<b>Total .....</b>		<b>9</b>

### Upper-Division Secondary Education

Core Requirements		Credits
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
EPY	330	Principles of Educational Psychology..... 3
<b>Total .....</b>		<b>47</b>

<b>Mastery Course Requirement .....</b>	<b>3</b>
Math MATH 389, INT 359, <b>or</b>	
Science GEOL 335 or INT 369	
<b>Total .....</b>	<b>3</b>

### Content-Area Requirements

#### Biological Science Program

Lower-Division Requirements		Credits
BIOL	191	Introduction to Organismal Biology..... 4
CHEM	122	General Chemistry II..... 4
PHYS	151	General Physics I..... 4
<b>Total .....</b>		<b>12</b>

#### Upper-Division Requirements

Upper-Division Requirements		Credits
BIOL	300	Principles of Genetics..... 4
BIOL	331	Plant Taxonomy, <b>or</b>
BIOL	410	Plant Physiology..... 3
BIOL	341	Principles of Ecology..... 3
BIOL	415	Evolution..... 4
BIOL	447	Advanced Comparative Animal Physiology..... 3
<b>Total .....</b>		<b>17</b>

**Total for All Sections.....120**

## SUGGESTED 4 YEAR PLAN OF STUDY

### Bachelor of Arts Secondary Education Biological Science and ELAD Endorsement

<b>FALL—1st Semester</b>		<b>Credits</b>
BIOL	190	4
CHEM	121	4
COM	113	3
ENG	100 or 101	3-5
PSC	101	3
<b>TOTAL</b>		<b>17-19</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
BIOL	191	4
CHEM	122	4
ENG	102	3
FINE ARTS*		3
<b>TOTAL</b>		<b>14</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
EDRL	471	3
EDSC	311	1
EDU	214	3
EDU	250	3
MATH	127	3
SOCIAL SCIENCE*		3
<b>TOTAL</b>		<b>16</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
EDSC	313	1
EDUC	323	3
EDUC	406	3
HUMANITIES*		3
STAT	152 or MATH 182	3
<b>TOTAL</b>		<b>13</b>

<b>FALL—5th Semester</b>		<b>Credits</b>
BIOL	300	4
EDRL	474	3
EPY	330	3
MASTERY COURSE**		3
<b>TOTAL</b>		<b>13</b>

<b>SPRING—6th Semester</b>		<b>Credits</b>
BIOL	331 or 410	3
BIOL	415	4
EDRL	475	3
EDRL	477	3
EDSP	301	3
<b>TOTAL</b>		<b>16</b>

<b>FALL—7th Semester</b>		<b>Credits</b>
BIOL	341	3
BIOL	447	3
EDSC	315	1
EDSC	463	3
PHYS	151	4
<b>TOTAL</b>		<b>14</b>

<b>SPRING—8th Semester</b>		<b>Credits</b>
EDSC	483	14
EDSC	491	3
<b>TOTAL</b>		<b>17</b>

\* See page 82    \*\*Choose with advisor

## 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.

### General Education and Program

Core Requirements	Credits
<b>Lower-Division General Education Requirements</b>	
Written Communications .....	3-5
ENG 100 or 101	
Evidence-Based Communications .....	3
ENG 102	
Fine Arts .....	3
Humanities .....	3
Mathematics .....	3
MATH 120, 120E, 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)	
<b>Total</b> .....	<b>28</b>

### Lower-Division Secondary Education

Core Requirements	Credits
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
<b>Total</b> .....	<b>6</b>

### Upper-Division Secondary Education

Core Requirements	Credits
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
<b>Total</b> .....	<b>47</b>

<b>Mastery Course Requirement</b> .....	<b>3</b>
Math MATH 389,INT 359, or	
Science GEOL 335 or INT 369	
<b>Total</b> .....	<b>3</b>

### Content-Area Requirements

#### Business Education Endorsement

Content Area Requirements	Credits
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>Total</b> .....	<b>27</b>

#### Career and Technical Education Requirements

Credits	Credits
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
<b>Total</b> .....	<b>36</b>

**Total for All Sections** .....**120**

## SUGGESTED 4 YEAR PLAN OF STUDY

### BA—Secondary Education Business and ELAD Endorsement

<b>FALL—1st Semester</b>		<b>Credits</b>
COM 113		3
ENG 100 or 101		3
HUMANITIES*		3
MATH 126 or MATH 126E		3
PSC 101		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
ACC 201		3
ECON 102		3
ENG 102		3
IS 201		3
SCIENCE*		3
<b>TOTAL</b>		<b>15</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
ESDC 311		1
EDU 250		3
FINE ARTS*		3
IS 301		3
SCIENCE*		4
<b>TOTAL</b>		<b>14</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
EDCT 490		3
EDRL 475		3
EDSC 313		1
EDUC 406		3
MGT 310		3
<b>TOTAL</b>		<b>13</b>

<b>FALL—5th Semester</b>		<b>Credits</b>
EDCT 471		3
EDRL 471		3
EDUC 323		3
EPY 330		3
EDSP 301		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—6th Semester</b>		<b>Credits</b>
EDCT 439		3
EDRL 477		3
EDSC 315		1
MGT 367		3
MGT 480		3
MASTERY COURSE**		3
<b>TOTAL</b>		<b>16</b>

<b>FALL—7th Semester</b>		<b>Credits</b>
BUS 273		3
EDCT 447		3
EDRL 474		3
FIN 310		3
MKT 210		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—8th Semester</b>		<b>Credits</b>
EDSC 483		14
EDSC 491		3
<b>TOTAL</b>		<b>17</b>

\* See page 82      **Minimum Credits: 120**  
\*\*Choose with advisor

## English and ELAD Endorsement

### General Education and Program Core Requirements

<b>Lower-Division General Education Requirements Credits</b>	
Written Communications .....	3-5
ENG 100 or 101	
Evidence-Based Communications .....	3
ENG 102	
Fine Arts .....	3
Humanities      ENG 203 or 223 .....	3
Mathematics .....	3
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)	
<b>Total .....</b>	<b>28</b>

### Lower-Division Secondary Education

<b>Core Requirements</b>		<b>Credits</b>
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
<b>Total .....</b>		<b>9</b>

### Upper-Division Secondary Education

<b>Core Requirements</b>		<b>Credits</b>
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
<b>Total .....</b>		<b>47</b>

<b>Mastery Course Requirement .....</b>	<b>3</b>
Humanities      HUM 101, INT 339, or	
Social Science    ANTH 307, 332, HIST 303, 312, 341, INT 349, PSY 313	
<b>Total .....</b>	<b>3</b>

### Content-Area Requirements

#### English Education Endorsement

<b>Lower-Division Requirements</b>		<b>Credits</b>
JOUR 102	News Reporting and Writing .....	3
<b>Total .....</b>		<b>3</b>

#### Upper-Division Requirements

		<b>Credits</b>
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	Upper Division Elective.....	3
ENG 497A	Topics in Multicultural Literature .....	3
<b>Total .....</b>		<b>30</b>

**Total for All Sections.....120**

120 credits required for BA.

## SUGGESTED 4 YEAR PLAN OF STUDY

### 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
<b>TOTAL</b>	<b>15</b>

#### SPRING—2nd Semester Credits

EDU 250	3
EDSC 311	1
ENG 102	3
PSC 101	3
SCIENCE*	4
<b>TOTAL</b>	<b>14</b>

#### FALL—3rd Semester Credits

EDSC 313	1
EDUC 406	3
ENG 203 or 223	3
HIST 101 or 102	3
SCIENCE*	3
<b>TOTAL</b>	<b>13</b>

#### SPRING—4th Semester Credits

EDRL 471	3
ENG 325	3
ENG 327	3
ENG 451A or 451B	3
ENG 475B	3
<b>TOTAL</b>	<b>15</b>

#### FALL—5th Semester Credits

EDRL 474	3
EDUC 323	3
ENG 329	3
ENG 497A	3
EPY 330	3
<b>TOTAL</b>	<b>15</b>

#### SPRING—6th Semester Credits

EDRL 475	3
ENG 310	3
ENG 449A or 449B	3
MASTERY COURSE**	3
JOUR 102	3
<b>TOTAL</b>	<b>15</b>

#### FALL—7th Semester Credits

EDRL 477	3
EDSC 315	1
EDSC 433	3
EDSP 301	3
ENG 411B	3
ENG 433A	3
<b>TOTAL</b>	<b>16</b>

#### SPRING—8th Semester Credits

EDSC 483	14
EDSC 491	3
<b>TOTAL</b>	<b>17</b>

Minimum Credit: 120

\* See page 82

\*\*Choose with advisor

## Mathematics and ELAD Endorsement

### General Education and Program Core Requirements

#### Lower-Division General Education Requirements Credits

Written Communications .....	3-5
ENG 100 or 101	
Evidence-Based Communications .....	3
ENG 102	
Fine Arts .....	3
Humanities .....	3
Mathematics*	
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.	
<b>Total .....</b>	<b>25</b>

#### Lower-Division Secondary Education

Core Requirements		Credits
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
<b>Total .....</b>		<b>6</b>

#### Upper-Division Secondary Education Core

Requirements		Credits
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
<b>Total .....</b>		<b>47</b>

#### Mastery Course Requirement .....

Science INT 369 or GEOL 335	3
<b>Total .....</b>	<b>3</b>

### Content-Area Requirements Secondary Mathematics Program

#### Lower-Division Requirements\*

		Credits
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.		

**Total .....** 24

\*Three credits of these satisfy the mathematics general education requirement.

#### Upper-Division Requirements

		Credits
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 .....** 15

**Total for All Sections .....** 120

## SUGGESTED 4 YEAR PLAN OF STUDY

### 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
<b>TOTAL</b>	<b>15</b>

#### SPRING—2nd Semester Credits

EDU 250	3
EDSC 311	1
CS 135	3
ENG 102	3
SCIENCE*	4
<b>TOTAL</b>	<b>14</b>

#### FALL—3rd Semester Credits

EDRL 471	3
HUMANITIES*	3
MATH 181	4
SCIENCE*	3
STAT 152	3
<b>TOTAL</b>	<b>16</b>

#### SPRING—4th Semester Credits

EDSC 313	1
EDUC 323	3
EDUC 406	3
MATH 182	4
SOCIAL SCIENCE*	3
<b>TOTAL</b>	<b>14</b>

#### FALL—5th Semester Credits

EDRL 474	3
EPY 330	3
MATH 251	3
MATH 283	3
MATH 330	4
<b>TOTAL</b>	<b>16</b>

#### SPRING—6th Semester Credits

EDSC 315	1
EDSC 453	3
EDRL 475	3
MATH 331	3
MATH 475	3
<b>TOTAL</b>	<b>13</b>

#### FALL—7th Semester Credits

EDRL 477	3
EDSP 301	3
INT 369 or GEOL 335**	3
MATH 333	3
UPPER-DIVISION MATHEMATICS ELECTIVE**	3
<b>TOTAL</b>	<b>15</b>

#### SPRING—8th Semester Credits

EDSC 483	14
EDSC 491	3
<b>TOTAL</b>	<b>17</b>

Minimum Credits: 120

\*Select from page 82

\*\*Choose with an advisor

## Social Sciences and ELAD Endorsement

### General Education and Program Core Requirements

Lower-Division General Education Requirements		Credits
Written Communications .....	ENG 100 or 101	3-5
Evidence-Based Communications .....	ENG 102	3
HIST 101	U.S. History to 1877.....	3
HIST 102	U.S. History Since 1877.....	3
Fine Arts .....		3
Humanities	HIST 208 or 209 required.....	3
Mathematics .....	MATH 120, 120E, 126, 126E or higher	3
Science .....		7
<b>Total .....</b>		<b>28</b>

### Lower-Division Secondary Education Core Requirements

		Credits
COM 113	Fundamentals of Speech Communication, <b>or</b>	
THTR 102	Introduction to Stage Voice, <b>or</b>	
THTR 221	Oral Interpretation .....	3
EDU 214	Preparing Teachers to Use Technology... 3	
EDU 250	Foundations of Education.....	3
GEOG 103	Physical Geography .....	3
<b>Total .....</b>		<b>12</b>

### Upper-Division Secondary Education Core Requirements

		Credits
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
<b>Total .....</b>		<b>50</b>

<b>Mastery Course Requirement .....</b>		<b>3</b>
Humanities	HUM 101, INT 339. <b>or</b>	
Social Science	ANTH 307, 332, HIST 303, 312, 341, INT 349, PSY 313	
<b>Total .....</b>		<b>3</b>

### Content-Area Requirements

#### 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 103.
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 .....** **18**

#### Upper-Division Requirements

	Credits
History Elective: Upper-division U.S. or world history.....	6
Additional upper-division social science or history .....	3
<b>Total .....</b>	<b>9</b>

**Total for All Sections .....** **120**

120 credits required for BA

## SUGGESTED 4 YEAR PLAN OF STUDY

### 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
<b>TOTAL</b>	<b>15</b>

#### SPRING—2nd Semester Credits

EDU 214	3
ENG 102	3
HIST 102	3
HUMANITIES*	3
SCIENCE*	3
<b>TOTAL</b>	<b>15</b>

#### FALL—3rd Semester Credits

EDSC 311	1
EDU 250	3
GEOG 103	3
SCIENCE*	4
SOCIAL SCIENCE*	3
<b>TOTAL</b>	<b>14</b>

#### SPRING—4th Semester Credits

EDRL 475	3
EDSC 313	1
EDUC 406	3
INT 301	3
SOCIAL SCIENCE**	6
<b>TOTAL</b>	<b>16</b>

#### FALL—5th Semester Credits

EDRL 471	3
EDUC 323	3
EPY 330	3
SOCIAL SCIENCE**	6
<b>TOTAL</b>	<b>15</b>

#### SPRING—6th Semester Credits

EDRL 477	3
EDSP 301	3
MASTERY COURSE**	3
SOCIAL SCIENCE**	6
<b>TOTAL</b>	<b>15</b>

#### FALL—7th Semester Credits

EDRL 474	3
EDSC 315	1
EDSC 473	3
UPPER-DIVISION SOCIAL SCIENCE OR HISTORY	6
<b>TOTAL</b>	<b>13</b>

#### SPRING—8th Semester Credits

EDSC 483	14
EDSC 491	3
<b>TOTAL</b>	<b>17</b>

Minimum Credits: 120

\*Select from page 82

\*\*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:

- Hold a bachelor's degree with a minimum GPA of 3.0, cumulative or over the last 40 credits.
- Apply to Great Basin College.
- Complete an ARL/post-baccalaureate program application.
- Successfully pass the admissions interview (assesses dispositions, basic communication skills, and background knowledge) with program faculty and staff.
- 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.
- Pass a fingerprint background check, or hold a valid substitute license issued by the Nevada Department of Education.
- 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:

- Be accepted into the GBC ARL program.
- Accept and remit to the Nevada Department of Education (NDE) an offer of employment from a Nevada school district in GBC's service area.
- Maintain continuous enrollment in your ARL program of study.
- 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.

		Credits
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
<b>Total</b> .....		<b>51</b>

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
<b>Total</b> .....		<b>65-66</b>

## 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.

		Credits
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
<b>Total</b> .....		<b>48</b>

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
<b>Total</b> .....		<b>65</b>

## 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).

		Credits
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
EDUC	470	Multicultural Education ..... 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		
<b>Total .....</b>		<b>30</b>

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
<b>Total .....</b>		<b>50-51</b>	

## 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.

		Credits	
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
<b>Total .....</b>		<b>33</b>	

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
<b>Total .....</b>		<b>48</b>	

# 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

General Education	Credits
<b>Communications and Expressions</b>	
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, THTR 204	
<b>Logical and Scientific Reasoning</b>	
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, CRJ 104, CRJ 270, 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 208, HIST 209,  
 HUM 101, HUM 111, HUM 210, MUS 121, MUS 125,  
 PHIL 101, PHIL 102, PHIL 135, 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 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

**Total .....39-41**

### Program Requirements

	Credits
JOUR 102 News Reporting and Writing ..... 3	
<b>Total ..... 3</b>	

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.  
**Total ..... 18**

**Total of all sections ..... 60**

**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  
AA—English  
(Pattern of Study)**

<b>FALL—1st Semester</b>	<b>Credits</b>
AMERICAN CONSTITUTIONS AND INSTITUTIONS*	3
ENG 100 or 101	3
MATHEMATICAL REASONING*	3
SCIENTIFIC DATA INTERPRETATION*	3
TECHNOLOGICAL PROFICIENCY*	3
<b>TOTAL</b>	<b>15</b>

<b>SPRING—2nd Semester</b>	<b>Credits</b>
200-LEVEL ENGLISH**	3
COM 113	3
ENG 102	3
FINE ARTS*	3
FOUNDATIONS: SOCIAL SCIENCE**	3
<b>TOTAL</b>	<b>15</b>

<b>FALL—3rd Semester</b>	<b>Credits</b>
200-LEVEL ENGLISH	3
HUMANITIES*	3
FOUNDATIONS: HUMANITIES/FINE ARTS*	3
SCIENTIFIC REASONING*	3
STRUCTURE OF SOCIETIES*	3
<b>TOTAL</b>	<b>15</b>

<b>SPRING—4th Semester</b>	<b>Credits</b>
200-LEVEL ENGLISH**	3
JOUR 102	3
GENERAL ELECTIVE**	3
GENERAL ELECTIVE**	3
GENERAL ELECTIVE**	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 60**

**\*Refer to page 81**

**\*\*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:

	<b>Credits</b>
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**

<b>Mastery Course Requirement</b>	<b>Credits</b>
<b>Mathematical/Science.....</b>	<b>3</b>
MATH 389, INT 359, GEOL 335 or INT 369	
<b>Total.....</b>	<b>3</b>

<b>Program Requirements</b>	<b>Credits</b>
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
<b>Total.....</b>	<b>30</b>

<b>Program Electives</b>	<b>Credits</b>
(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 320 Identities and 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
<b>Total.....</b>	<b>24-27</b>

**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**

## SUGGESTED 4 YEAR PLAN OF STUDY

### Bachelor of Arts—English

#### FALL—1st Semester Credits

PSC 101	3
ENG 100 or 101	3
MATHEMATICAL REASONING*	3
SCIENTIFIC DATA INTERPRETATION*	3
TECHNOLOGICAL PROFICIENCY*	3
<b>TOTAL</b>	<b>15</b>

#### SPRING—2nd Semester Credits

200-LEVEL ENGLISH**	3
COM 113	3
ENG 102	3
FINE ARTS*	3
FOUNDATIONS: SOCIAL SCIENCE**	3
<b>TOTAL</b>	<b>15</b>

#### FALL—3rd Semester Credits

200-LEVEL ENGLISH**	3
HUMANITIES*	3
FOUNDATIONS: HUMANITIES/FINE ARTS*	3
SCIENTIFIC REASONING*	3
STRUCTURE OF SOCIETIES*	3
<b>TOTAL</b>	<b>15</b>

#### SPRING—4th Semester Credits

200-LEVEL ENGLISH**	3
JOUR 102	3
GENERAL ELECTIVE**	3
GENERAL ELECTIVE**	3
GENERAL ELECTIVE**	3
<b>TOTAL</b>	<b>15</b>

#### FALL—5th Semester Credits

ENG 325	3
ENG 327	3
ENG 449B	3
ENGLISH ELECTIVE (300/400)**	3
ENGLISH ELECTIVE (300/400)**	3
<b>TOTAL</b>	<b>15</b>

#### SPRING—6th Semester Credits

ENG 449A	3
ENG 451B	3
ENGLISH ELECTIVE**	3
ENGLISH ELECTIVE (300/400)**	3
ENGLISH ELECTIVE (300/400)**	3
<b>TOTAL</b>	<b>15</b>

#### FALL—7th Semester Credits

ENG 451A	3
ENG 497A	3
ENGLISH ELECTIVE**	3
ENGLISH ELECTIVE**	3
ENGLISH ELECTIVE (300/400)**	3
<b>TOTAL</b>	<b>15</b>

#### SPRING—8th Semester Credits

ENG 498B	3
ENGLISH ELECTIVE**	3
ENGLISH ELECTIVE**	3
ENGLISH ELECTIVE**	3
MASTERY COURSE**	3
<b>TOTAL</b>	<b>15</b>

Minimum Credits: 120

\*Refer to page 82

\*\*Select with an advisor

**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.

# Health Sciences

## 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 or Certificate of Achievement 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 and certificate are 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](http://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](http://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](http://www.coaernsp.org)

Great Basin College offers a eighteen-month program leading to an Associate of Applied Science in Emergency Medical Services—Paramedic, or a one-year program leading to a Certificate of Achievement 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 any 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 or Certificate of Achievement in Emergency Medical Services—Paramedic program include:

- Nevada EMT or AEMT Certification.
- Complete a current 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 into any Emergency Medical Services—Paramedic Program**

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 January and must be submitted by April 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.

# Health Sciences

## Certificate of Achievement—Emergency Medical Services—Paramedic Emphasis

### Student Learning Outcomes

Students must provide evidence of a satisfactory physical examination within the preceding six months, validating the following psychomotor requirements:

- Assess clients through auscultation, percussion, palpation, and other diagnostic maneuvers.
- Manipulate equipment necessary to assist the individual, family, and/or group to desired outcomes.
- Lift and move individuals and/or groups of individuals to provide safe care and emergency treatment.
- Perform cardiopulmonary resuscitation.
- Perform independently of others.
- 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 Certificate of Achievement in Emergency Medical Services—Paramedic program. These are subject to change. An approximation of the additional expenses include:

Textbooks (Estimated).....	\$1,500.00 (per Semester)
Student Background Check and Drug Screening (Required for clinical rotation-minimum Estimated).....	\$150.00
Immunizations (Estimated) .....	\$300.00
Testing fee:(NREMT) Computer Test (Estimated) ...	\$175.00
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 Certificate of Achievement 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 31.
- Copy of current Nevada EMT or AEMT certification.
- Copy of Healthcare Provider’s CPR certification.
- Current immunizations information.

## Certificate of Achievement in Emergency Medical Services—Paramedic Program Course Requirements

In order to maintain good standing in the Certificate of Achievement 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 AAS & Certificate of Achievement in Emergency Medical Services—Paramedic handbook,
- Attain a minimum grade of C or higher in any non-EMS course applied to the Certificate of Achievement in Emergency Medical Services—Paramedic.

### General Education Requirements

The Certificate of Achievement in Emergency Medical Services—Paramedic program has slightly different general education requirements than the other GBC certificates. Please note the differences:

General Education Requirements	Credits
English/Communications.....	3-5
ENG 100, 101 or 107 and ENG 102 or 108	
Mathematics .....	3-6
MATH 116, 116E, 120, 120E, 126, 126E or higher**, includes STAT 152	
Human Relations .....	1
BUS 110	
<b>Total .....</b>	<b>7-12</b>

Program Emphasis Requirements	Credits
EMS 200 Fundamentals of Paramedic Medicine ...	3
EMS 204 Principles of Anatomy & Pathophysiology .....	4
EMS 206 Principles of Pharmacology/Medication .. And Venous Access for the Paramedic ...	3
EMS 207 Airway Management and Ventilation for Paramedics .....	2
EMS 209 Patient Assessment for Paramedics.....	2
EMS 210 Principles of Cardiology for the Paramedic.....	3
EMS 211 Paramedic Care for Medical Emergencies .....	3
EMS 212 Paramedic Care for Trauma Emergencies .....	3
EMS 214 Special Populations in Paramedicine .....	3
EMS 215 Assess Based Management/Operation for Paramedic.....	3
EMS 216 Hospital Clinical Experience for the Paramedic.....	6
EMS 219 Field Internship for the Paramedic .....	8
<b>Total .....</b>	<b>43</b>

**Total of all sections.....50-52**

## SUGGESTED COURSE SEQUENCE

### Certificate of Achievement—Emergency Medical Services—Paramedic

#### FALL—1st Semester Credits

EMS 204	4
EMS 210	3
EMS 200	3
EMS 206	3
EMS 207	2
EMS 209	2
ENG 100, 101 or 107	3-5
BUS 110	1

**TOTAL 21-23**

#### SPRING—2nd Semester Credits

MATH 116, 116E, 120, 120E, 126, 126E or higher	3-6
EMS 215	3
EMS 211	3
EMS 212	3
EMS 214	3
EMS 216	6

**TOTAL 21-24**

#### SUMMER (Internship) Credits

EMS 219	8
---------	---

**TOTAL 8**

**Minimum Credits: 50-55**

## Health Sciences

### Associate of Applied Science— Emergency Medical Services— Paramedic Emphasis

#### 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:

- Assess clients through auscultation, percussion, palpation, and other diagnostic maneuvers.
- Manipulate equipment necessary to assist the individual, family, and/or group to desired outcomes.
- Lift and move individuals and/or groups of individuals to provide safe care and emergency treatment.
- Perform cardiopulmonary resuscitation.
- Perform independently of others.
- 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.....(Per Semester) (Estimated)	\$1,500.00
Student Background Check and Drug Screening (required for clinical rotation) (Estimated)	\$150.00
Immunizations (Estimated).....	\$300.00
Testing fee (NREMT) Computer Test (Estimated) ...	\$175.00
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 31.
- Copy of current Nevada EMT or AEMT Certification.
- Copy of Healthcare Provider's CPR certification
- Current immunizations information

**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 or Certificate of Achievement 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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
Mathematics .....	3-6
MATH 116, 116E, 120, 120E, 126, 126E, or higher, or 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)	
<b>Total .....</b>	<b>21-26</b>

Program Emphasis Requirements	Credits
EMS 200 Fundamentals of Paramedic Medicine ...	3
EMS 204 Principles of Anatomy & Pathophysiology .....	4
EMS 206 Principles of Pharmacology Medication & Venous Access for the Paramedic .....	3
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 .....	3
EMS 212 Paramedic Trauma Emergencies .....	3
EMS 214 Pediatrics & Special Considerations for the Paramedic & PALS .....	3
EMS 215 Assessment Based Management and Operations for the Paramedic .....	3
EMS 216 Hospital Clinical Experience for the Paramedic .....	6

EMS 219 Paramedic Field Internship .....	8
<b>Total .....</b>	<b>43</b>

**Total of all sections .....**64-69

**SUGGESTED COURSE SEQUENCE****AAS—Emergency Medical Services—  
Paramedic**

FALL—1st Semester	Credits
EMS 204	4
EMS 200	3
EMS 206	3
EMS 207	2
EMS 209	2
EMS 210	3
ENG 100, 101 or 107	3-5
MATH 116, 116E, 120, 120E, 126, 126E or higher	3-6
<b>TOTAL</b>	<b>23-28</b>

SPRING—2nd Semester	Credits
ENG 102 or 108	3
EMS 211	3
EMS 212	3
EMS 214	3
EMS 215	3
EMS 216	6
<b>TOTAL</b>	<b>12</b>

SUMMER	Credits
EMS 219	8
<b>TOTAL</b>	<b>8</b>

FALL—3rd Semester	Credits
HMS 200 or PSY 208	3
Science**	3
PSC 101	3
Fine Arts or Humanities*	3
<b>TOTAL</b>	<b>12</b>

**Minimum Credits: 64-69**

\*Select from page 82

\*\*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 26 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 43 credits of program requirements with 21 general education credits. The student who completes the exam by credit will receive 26 credits by examination matched to the following courses in the paramedic program:

		<b>Credits</b>
EMS	204	Principles of Anatomy & Pathophysiology .4
EMS	206	Principles of Pharmacology/Medication and Venous Access for the Paramedic ..... 3
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.. 3
EMS	212	Paramedic Trauma Emergencies ..... 3
EMS	214	Pediatric & Special Considerations for the Paramedic & PALS..... 3
EMS	215	Assessment Based Management Operations ..... 3
<b>Total.....</b>		<b>26</b>

Upon completion of the credit by examination, a waiver will also be granted for the EMS 200, EMS 216 and EMS 219 paramedic course requirements (17 credits). 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:

<b>General Education Requirements</b>	<b>Credits</b>
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
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)	

**Total..... 43**  
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.

# 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 Pahump, 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://www.acenursing.org/>

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 experiences 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, <b>or</b> .....	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, <b>or</b>	
MATH	126 or 126E Precalculus I, <b>or</b>	
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 hold a current CNA license from the state of Nevada. Students are required to take the NSBN state licensure testing for CNA upon completion of this course.

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 May 31st 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/](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 <https://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:

- Assess clients through auscultation, percussion, palpation, and other diagnostic maneuvers.
- Manipulate equipment necessary to assist the individual, family, and/or group to desired outcomes.
- Lift and move individuals and/or groups of individuals to provide safe care and emergency treatment.
- Perform cardiopulmonary resuscitation.
- Perform independently of others.

- Possess cognitive abilities of measure, calculate dosages, reason, analyze, and synthesize.

### Additional Fees

Nursing students follow the fee schedule and refund policy described on page 68. 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., May 31st.
- Completion of the nurse entrance test. This test must be taken prior to May 31st. The cost of the entrance test is \$120.00.

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 82. 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 82. Human relations and technology requirements are embedded in the nursing curriculum.

General Education Requirements	Credits
Written Communications .....	3-5
ENG 100, ENG 101	
Evidence-Based Communications .....	3
MATH 120, 120E, 126, 126E or higher (STAT included)..	3
PSC 101 Introduction to American Politics, <b>or</b>	
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.	
Technology is embedded in nursing curriculum	
<b>Total .....</b>	<b>21-27</b>

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 in Mental Health and Illness.....	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 .....	5
NURS 273 Professional Development and Transition to Practice.....	3
<b>Total .....</b>	<b>49</b>

**Total for all sections.....70-76**

## SUGGESTED COURSE SEQUENCE

### Associate of Applied Science Nursing

FALL—1st Semester	Credits
ENG 100 or 101	3
NURS 135	8
NURS 154	1
<b>TOTAL</b>	<b>12</b>

SPRING—2nd Semester	Credits
ENG 102	3
NURS 155	1
NURS 158	5
NURS 159	3
<b>TOTAL</b>	<b>12</b>

FALL—3rd Semester	Credits
NURS 252	3
NURS 253	3
NURS 257	5
PSC 101	3
<b>TOTAL</b>	<b>14</b>

SPRING—4th Semester	Credits
NURS 258	5
NURS 273	3
HUMANITIES or FINE ARTS** (PHIL 102 recommended)	3
<b>TOTAL</b>	<b>11</b>

**Minimum Credits: 60**

**\*\*Choose with an advisor**

After the AAS in Nursing, the next step could be the Bachelor of Science in Nursing. See page 185.

# 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 student's 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:

- Have graduated from a regionally accredited college or university with an associate degree in nursing from a program that is ACEN accredited.
- 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:

- 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.)
- Completed application packet for admission to the RN to BSN program.
- Completed application for admission to GBC (unless student has previously attended GBC).
- Letters of reference requirement is waived for graduating GBC ADN graduates.

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 54 credits of upper-division nursing courses and lower- and upper-division general education courses.

General Education Requirement	Credits
Fine Arts** .....	3
Humanities** .....	3
<b>Total</b> .....	<b>6</b>

<b>Mastery Course Requirements</b> .....	3
INT 359 or HSC 300	
<b>Total</b> .....	<b>3</b>

Program Requirements	Credits
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
<b>Total</b> .....	<b>42</b>

#### Program Elective (select one):

NURS 312 Health Assessment & Health Promotion (Spring), or	
NURS 337 Pathophysiology (Fall), or	
NURS 490 Special Topics.....	3
<b>Total</b> .....	<b>3</b>

**Total of all sections** .....

**Minimum credits required for degree** .....

**\*\* (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 page 68. 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**

<b>FALL—1st Semester</b>		<b>Credits</b>
NURS 326		5
NURS 443		4
NURS 449		4
<b>TOTAL</b>		<b>13</b>
<b>SPRING—2nd Semester</b>		<b>Credits</b>
INT 359 or HSC 300		3
NURS 429		4
NURS 436		4
<b>TOTAL</b>		<b>11</b>
<b>FALL—3rd Semester</b>		<b>Credits</b>
HUMANITIES*		3
FINE ARTS*		3
CHEM 100		3
NURS 417		4
NURS 420		3
<b>TOTAL</b>		<b>16</b>
<b>SPRING—4 Semester</b>		<b>Credits</b>
MATH 120, 120E or higher		3
NURS 437		3
NURS 456		5
<b>TOTAL</b>		<b>11</b>
<b>ELECTIVE (choose one)*</b>		<b>Credits</b>
NURS 312 (spring)		3
NURS 337 (fall)		3
<b>TOTAL</b>		<b>3</b>

**Minimum Credits: 54**  
 \*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**

<b>FALL—1st Semester</b>		<b>Credits</b>
NURS 326		5
NURS 420		3
NURS 443		4
NURS 449		4
<b>TOTAL</b>		<b>16</b>
<b>SPRING—2nd Semester</b>		<b>Credits</b>
INT 359 or HSC 300		3
NURS 429		4
NURS 436		4
NURS 437		3
<b>TOTAL</b>		<b>14</b>
<b>SUMMER—3rd Semester</b>		<b>Credits</b>
HUMANITIES OR FINE ARTS*		3
CHEM 100		3
NURS 417		4
NURS 456		5
MATH 120, 120E or higher		3
<b>TOTAL</b>		<b>18</b>
<b>ELECTIVE (choose one)*</b>		<b>Credits</b>
NURS 312 (spring)		3
NURS 337 (fall)		3
		<b>3</b>

**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.

# Health Sciences

## Certificate of Achievement— Medical Assistant/Phlebotomy/EKG

### Professional Skills and Career Path

Entry-level medical assistant, phlebotomy technician, EKG technician, trauma technician, and cardiology technician. The certificate program in Medical Assisting/Phlebotomy/EKG prepares students for employment in various healthcare settings. Medical Assistants, Phlebotomy Technicians, and EKG Technicians work in offices, clinics, hospitals, and other healthcare settings. Medical assisting is a multi-skilled allied health profession with practitioners working primarily in ambulatory settings such as medical offices and clinics. They function as members of the health care delivery team and perform administrative and clinical procedures under the supervision of physicians.

### Student Learning Outcomes

Upon successful completion of the Certificate of Achievement-Medical Assistant/Phlebotomy/EKG program students will have the knowledge and skills to:

- Demonstrate entry-level competencies for employment in the profession.
- Utilize critical thinking/problem-solving skills in patient care.
- Acquire and evaluate data.
- Demonstrate the ability to communicate effectively with all involved in patient care.
- Phlebotomy training, blood draw.
- Run basic lab tests on patient samples.
- Properly obtain an EKG.
- Properly administer medications in the MA scope of practice.
- Practice prescribed physician orders in the MA scope of practice.
- Schedule appointments.
- Complete insurance forms.
- Record management.
- Office management.
- Basic billing and coding tasks.
- Basic word processing and spreadsheets tasks (basic computer knowledge). Performing such tasks within legal and ethical boundaries.
- Assisting with physical examinations.
- Assisting with surgical procedures.
- Take patient histories and vital signs.
- Safely administer oral and injectable medications.
- Formal admission to this program is required. Refer to page 24 of the MAPE handbook for an outline of admission standards.

### Admission Process

Prospective students are required to formally apply for admission to the MAPE program. An in-person or telephone advisory meeting with a MAPE faculty advisor is recommended at the time of application and required prior to enrollment in any MAPE courses. The application for admission packet is available online. Applications are available in January and must be submitted by May 1 at 5:00 p.m. for the fall semester.

The student will need to submit the following to the Health Science department:

- Applicants must complete the online application for both GBC and the MAPE program no later than 5:00 p.m., May 1.

More detailed information about the admission process will be provided in the application packet. Student selection and admission is completed one time per year. Additional points will be awarded for veteran applicants and students in the CTE pathway program. Preference is given to GBC service area students. Students are encouraged to take their American Heart Association BLS for Healthcare Providers, English, Math, and NURS 140 prior to applying to the program. In the event that class space is limited, preference will be given to applicants that have completed their English, Math, and NURS 140 courses in advance.

Entry-level courses have no prerequisites. However, academic advising before beginning any course of study is highly encouraged. Some coursework may be completed online and through interactive video.

Students who have a final grade less than 76% or have not met final clinical evaluation competencies, will be dismissed from the program and may not continue with other MAPE courses for the semester.

Great Basin College offers a one-year program leading to a certificate of completion for medical assistant/phlebotomy/EKG. GBC is accredited by the Northwest Commission on Colleges and Universities (NWCCU). Upon establishment, the MAPE program intends to seek accreditations with The Commission on Accreditation of Allied Health Education Programs (CAAHEP). At the end of the program, students will be able to certify with the National Health Career Association (NHA) for medical assisting, phlebotomy, and EKG technician.

<b>General Education Requirements</b>		<b>Credits</b>
Written Communications .....	ENG 100, ENG 101	3-5
Mathematics* .....	MATH 116, 116E, 120, 120E, 126, 126E, or higher, Including STAT 152	3
Human Relations (embedded in program)		
<b>Total .....</b>		<b>6-8</b>

<b>Program Requirements</b>		<b>Credits</b>
MAPE 110	Fundamentals of Medical Assisting I .....	6
MAPE 120	Fundamentals of Medical Assisting II .....	6
MAPE 130	Medical Business Practices and Finance for Medical Assistants I.....	3
MAPE 140	Medical Business Practices and Finance or Medical Assistants II.....	3
MAPE 150	Laboratory Procedures for Medical Assisting.....	6
NURS 140	Medical Terminology .....	3
<b>Total .....</b>		<b>27</b>

**Total of all sections .....**33-35

\*MATH 120 is recommended as it is required for the social work, nursing, and other degree programs.

### SUGGESTED COURSE SEQUENCE

#### Certificate of Achievement — Medical Assistant/Phlebotomy/EKG

<b>FALL—1st Semester</b>		<b>Credits</b>
MAPE 110		6
MAPE 120		6
NURS 140		3
ENGLISH/COMMUNICATIONS		3
<b>TOTAL</b>		<b>18</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
MAPE 130		3
MAPE 140		3
MAPE 150		6
MATHEMATICS/COMPUTATIONS		3
<b>TOTAL</b>		<b>15</b>

**Minimum Credits: 33**

**\*Choose with advisor**

Questions about the MAPE program or the application process can be directed to the Department of Health and Human Services at 775.327.2322.

# Health Sciences

## 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. The Associate of Science in Radiologic Sciences program is accredited by the JRCERT (Joint Review Committee on Education in Radiologic Technology) and recognized by the American Registry of Radiologic Technologists (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](http://www.jrcert.org)

The curriculum integrates courses in radiologic sciences with general education requirements. Clinical experiences are offered at affiliated hospitals throughout Nevada.

This is a limited admissions program. Student selection is made using a point system, ranking students based on completed courses, grades, and 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 may need to complete math placement tests to meet requirements for some prerequisite courses. Placement tests are available at the Academic Success Center free of charge. For more information, call 775.327.2247.

Students must obtain a C (76%) or higher grade in each class used toward the AS degree, including general education classes.

GBC uses clinical sites that are more than 60 miles from GBC Elko and Pahrump campuses. Students are financially responsible for housing and travel expenses for all clinical rotations. All students must rotate at a minimum of two separate clinical sites, at least one of which, will likely be outside of the student's city of residence. Clinical placement will be equitable for all students.

A certified nursing assistant (CNA) class is a prerequisite for the program. It is not required to take the CNA course for credit through a regional institution or sit for the licensing board exam. If a CNA course is not on the student's transcripts, 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. Enrollment to the program is limited. Please see the application guide, link to the online application, selection criteria and program outcomes on the GBC website. [https://www.gbcnv.edu/programs/health\\_sciences/as\\_rad/index.html](https://www.gbcnv.edu/programs/health_sciences/as_rad/index.html).

Applications must be submitted by April 1 to be considered for the next fall start. Students can apply if they have completed or are currently enrolled in all prerequisites.

Transferred college courses will be evaluated by the admissions and records office for acceptance. The application and transcripts will be reviewed by the radiologic sciences program director and the admissions and progressions committee to ensure all prerequisites

have been met prior to considering a student for the program.

Students accepted into the radiology program are designated radiologic science students. Only radiologic science students can enroll in courses with the RAD designation (With the exception of RAD 101) unless previously approved by a radiologic science instructor.

### Credentialing

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, program dismissals, 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. The ARRT has the right to withhold ethical clearance for violations which would prevent the student from becoming registered.

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 GBC's 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..... 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, clinical, or online.

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications .....	3-5
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	
<b>Logical and Scientific Reasoning</b>	
Mathematical Reasoning.....	3-6
MATH 126, 126E or higher, or STAT 152	
Scientific Reasoning.....	4
BIOL 223	
Scientific Data Interpretation .....	4
BIOL 190	
<b>Human Societies and Experience</b>	
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) .....	3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	
<b>Technological Proficiency</b>	
Technology requirement is met with radiology technology program requirements	
<b>Foundations</b>	
Mathematics .....	min 2-4
Any MATH 127 or higher, or STAT 152 (Minimum 5 total credits mathematics)	
Sciences.....	4
BIOL 224	
<b>Total .....</b>	<b>38-45</b>

<b>Program Requirements</b>		<b>Credits</b>
<i>All Radiology courses are Internet Enhanced or Online</i>		
RAD 112	Patient Care/Medical Terminology .....	2
RAD 101	Exploration of Radiology .....	0.5
RAD 116	Radiography I.....	3
RAD 118	Radiology Physics and Circuitry .....	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
<b>Total</b> .....		<b>48.5</b>
<b>Total for all sections</b> .....		<b>86.5-93.5</b>

**SUGGESTED COURSE SEQUENCE****AS—Radiology Technology**

<b>FALL—1st Semester</b>		<b>Credits</b>
ENG 100 or 101		3
RAD 112		2
RAD 116		3
RAD 118		3
RAD 238		2
<b>TOTAL</b>		<b>13</b>
<b>SPRING—2nd Semester</b>		<b>Credits</b>
ENG 102		3
HMS 200		3
RAD 124		3
RAD 126		3
RAD 128		3
PSC 101		3
<b>TOTAL</b>		<b>18</b>
<b>SUMMER—3rd Semester</b>		<b>Credits</b>
RAD 225		5
<b>TOTAL</b>		<b>5</b>
<b>FALL—4th Semester</b>		<b>Credits</b>
RAD 226		10
RAD 243		3
Fine ARTS		3
<b>TOTAL</b>		<b>16</b>
<b>SPRING—5th Semester</b>		<b>Credits</b>
PHIL 102 OR HUMANITIES		3
RAD 227		10
RAD 240		1
<b>TOTAL</b>		<b>14</b>

**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](http://www.caahep.org)) upon the recommendation of Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS) in the Abdominal extended and OB/GYN specialties..

Commission on Accreditation of Allied Health Education Programs:

9355 113th St N, #7709

Seminole, FL 33775

727.210.2350

[www.caahep.org](http://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 contributing to the degree. Students will complete one semester of didactic 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, 10.5 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 satellite track option to a limited number of students. If admitted to the Renown track, students will complete didactic coursework via interactive video (IAV) and Zoom 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. General GBC track students will have the opportunity to select their lab location from the following options: Elko, Pahrump or Fallon.

Students will be required to complete a physical examination, drug screening, and a background check prior to beginning the program. 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 of associates acquisition, course performance and completion, 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:

- Apply to Great Basin College.
- Complete a DMS program application.
- Have a cumulative GPA of 2.0 or higher.
- Have a minimum of C (76%) or higher on any coursework applied to the DMS degree.
- Submit a professional resume or curriculum vitae.
- Complete all required application paperwork.
- Be 18 years or older by the starting date.
- Attend an interview

Applications must be submitted to the GBC Sonography website at [https://www.gbcnv.edu/programs/health\\_sciences/bs\\_sono/index.html](https://www.gbcnv.edu/programs/health_sciences/bs_sono/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:

- Current healthcare certifications or licensures, if applicable.
- 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

- Students must complete all assignments and obtain a C or higher grade (76% or higher) in all required courses throughout the DMS program.
- Comply with the policies in the Diagnostic Medical Sonography handbook.
- 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 year of the program, students are required to attend lectures in person or via zoom as determined by their track of admission. Students must attend all required labs at their assigned lab site. Beginning the winter of the first year and continuing until graduation, students will be required to complete 34-40 hr/ week clinical rotations at their assigned clinical site as scheduled by the program. 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 .....	\$55.00
ARDMS Exams (each) .....	\$250 -\$275
Physical Exam .....	individual amount
Immunizations .....	individual amount
Health Insurance .....	individual amount
Travel/living expenses .....	individual amount

# 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. The prerequisite 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 minimum two-year allied health degree, or bachelor degree, including the following prerequisites:

### Program Requirements

The following courses must be completed prior to entering 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 NURS 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 2.

### Program Requirements

### Credits

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
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	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
*NURS	337	Pathophysiology, or	
EMS	204	Principles of Anatomy and Pathophysiology .....	3-4
*CMI	376	Sectional Anatomy in Medical Imaging.....	3
<b>Total</b>			<b>55-56</b>

**SUGGESTED COURSE SEQUENCE****Diagnostic Medical Sonography (DMS)  
Post-Associate Certificate**

<b>FALL—1st Semester</b>		<b>Credits</b>
CMI	350	4
CMI	351	3
CMI	353	3
CMI	354	1
CMI*	376	3
NURS*	337 or EMS 204	3-4
<b>TOTAL</b>		<b>17-18</b>

<b>WINTER—2nd Semester</b>		<b>Credits</b>
CMI	400	2
<b>TOTAL</b>		<b>2</b>

<b>SPRING—3rd Semester</b>		<b>Credits</b>
CMI	352	3
CMI	366	2
CMI	378	1
CMI	486	9
HMS*	200	3
<b>TOTAL</b>		<b>18</b>

<b>SUMMER—4th Semester</b>		<b>Credits</b>
CMI	487	7
<b>TOTAL</b>		<b>7</b>

<b>FALL—5th Semester</b>		<b>Credits</b>
CMI	488	10
CMI	491	1
<b>TOTAL</b>		<b>11</b>

**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 or Prerequisite 2.

### Prerequisite Requirements

- 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 NURS 140)
- 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.

General Education Requirements		Credits
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
BIOL	223	Human Anatomy and Physiology..... 4
BIOL	224	Human Anatomy and Physiology II..... 4
NURS	140	Medical Terminology, or
RAD	112	Patient Care and Medical Terminology..... 2-3
NURS	130	Nursing Assistant ..... 6
		or other Certified Nursing Course
ELECTIVES	.....	14-15
<b>Total</b>	.....	<b>61-66</b>

**Mastery Course Requirements** ..... 3  
INT 359 or HSC 300

**Total** ..... 3

Due to the technical nature of this program, the general education technology requirement is embedded into this program.

### Program Requirements

### Credits

*CMI	376	Sectional Anatomy in Medical Imaging ..	3
*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	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
<b>Total</b>	.....		<b>55</b>

**Total BS Program Credits required** .....120

**SUGGESTED COURSE SEQUENCE**

**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
<b>TOTAL</b>	<b>16</b>

**SPRING—2nd Semester Credits**

PSC 101	3
ENG 102	3
BIOL 223	4
HMS 200	3
ELECTIVE**	3
<b>TOTAL</b>	<b>16</b>

**FALL—3rd Semester Credits**

NURS 130	6
BIOL 224	4
MATH 127 or STAT 152	3
ELECTIVE**	3
<b>TOTAL</b>	<b>16</b>

**SPRING—4th Semester Credits**

PHYS 100	3
COM 113	3
ELECTIVE**	3
ELECTIVE**	2
HUMANITIES*	3
<b>TOTAL</b>	<b>14</b>

**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
<b>TOTAL</b>	<b>17</b>

**WINTER—6th Semester Credits**

CMI 400	2
<b>TOTAL</b>	<b>2</b>

**SPRING—7th Semester Credits**

CMI 352	3
CMI 486	9
CMI 366	2
CMI 378	1
ELECTIVE**	1
<b>TOTAL</b>	<b>17</b>

**SUMMER—8th Semester Credits**

CMI 487	7
INT 359 or HSC 300	3
<b>TOTAL</b>	<b>10</b>

**FALL—9th Semester Credits**

CMI 488	10
CMI 491	1
CMI 492	3
<b>TOTAL</b>	<b>14</b>

**Minimum Credits: 120**

\*Select from page 82

\*\*Choose with an advisor

## SUGGESTED COURSE SEQUENCE

### 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 359 or HSC 300                      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 82**

**\*\*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 ap-

plication 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.....	3-5
ENG 100 or 101	
Mathematics—MATH 126, 126E* (recommended).....	3-6
Human Relations— HMS 200 (required) .....	3
Technology—IS 101 (required) .....	3
<b>Total .....</b>	<b>12-17</b>

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
<b>Total .....</b>	<b>20</b>
<b>Total of all sections .....</b>	<b>32-37</b>

\*MATH 120 is recommended as it is required for the social work, nursing, and other degree programs.

\*MATH 126 is recommended if student plans on pursuing a bachelor's degree in Human Services

### SUGGESTED COURSE SEQUENCE

#### Certificate of Achievement— Human Services

FALL—1st Semester	Credits
CPD 116	3
ENG 100 or 101	3-5
HMS 101	3
HMS 102	3
MATH 126, 126E (recommended)	3-6
<b>TOTAL</b>	<b>15-20</b>
SPRING—2nd Semester	Credits
HMS 200	3
HMS 205	5
IS 101	3
PSY 101	3
SOC 101	3
<b>TOTAL</b>	<b>17</b>

**Minimum Credits: 32-37**

# 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 775.327.5210

General Education Requirements	Credits
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
Mathematics— MATH 126, 126E (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
<b>Total .....</b>	<b>24-29</b>

\*MATH 120, 120E is recommended, as it is required for the social work, nursing, 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
<b>Total .....</b>		<b>37</b>

**Total of all sections.....61.66**

### SUGGESTED COURSE SEQUENCE

#### AAS—Human Services

FALL—1st Semester	Credits
CPD 116	3
ENG 100 or 101	3-5
MATH 126, 126E (recommended)*	3-6
HMS 101	3
PSY 101	3
<b>TOTAL</b>	<b>15-20</b>

SPRING—2nd Semester	Credits
ENG 102	3
HMS 102	3
HMS 104	3
HMS 105	3
HMS 200	3
<b>TOTAL</b>	<b>15</b>

FALL—3rd Semester	Credits
HMS 205**	5
PHIL 102	3
BIOL 100	3
PSC 101	3
IS 101	3
<b>TOTAL</b>	<b>17</b>

SPRING—4th Semester	Credits
HMS 206**	5
HMS 250**	3
HDFS 201	3
PSY 208	3
HMS 322***	3
<b>TOTAL</b>	<b>14-17</b>

**\*Choose with Advisor**

**Minimum Credits: 61-66**

**\*\*IMPORTANT NOTE: Approval of a written application for program admission is required prior to taking Practicum I, Practicum II and the Human Services Seminar Courses**

**\*\*\*Optional for HUM-BAS major**

After the AAS in Human Services, the next step could be the Bachelor of Applied Science in Human Services. See page 203.

# 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 91 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
<b>Total</b>			<b>12-13</b>

### Mastery Courses Requirements

			Credits
Humanities .....		HUM 301 or INT 339	3
Mathematical .....		HSC 300 or INT 359	3
Science .....		GEOL 335, PHYS 152, PHYS 181 or INT 369	3-4
Social Science .....		ANTH 307, ANTH 332, HIST 303, HIST 312, HIST 341, INT 349 or PSY 313	3
<b>Total</b>			<b>12-13</b>

### Applied Science Core Requirements

			Credits
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
<b>Total</b>			<b>9</b>

### 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
<b>Total</b>			<b>31</b>

**Total of all sections** ..... **64**

**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

#### 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
PSY	101	3
<b>TOTAL</b>		<b>15</b>

SPRING—2nd Semester		Credits
ENG	102	3
HMS	102	3
HMS	104	3
HMS	105	3
HMS	200	3
<b>TOTAL</b>		<b>15</b>

FALL—3rd Semester		Credits
HMS	205**	5
PHIL	102	3
BIOL	100	3
PSC	101	3
IS	101	3
<b>TOTAL</b>		<b>17</b>

SPRING—4th Semester		Credits
HMS	206**	5
HMS	250**	3
HDFS	201	3
PSY	208	3
HMS	322***	3
<b>TOTAL</b>		<b>17</b>

FALL—5th Semester		Credits
ENG	333	3
MASTERY COURSE - Humanities		3
PHIL	311	3
STAT	152 (recommended) or MATH 181	3-4
MGT	310	3
<b>TOTAL</b>		<b>15-16</b>

SPRING—6th Semester		Credits
MASTERY COURSE - Mathematical		3
FIN	310	3
HMS	322	3
HMS	407	3
HMS	475	3
<b>TOTAL</b>		<b>15</b>

FALL—7th Semester		Credits
HMS	350	3
HMS	405	5
HMS	465	3
MGT	323 OR MGT 367	3
<b>TOTAL</b>		<b>14</b>

SPRING—8th Semester		Credits
COM 113, THTR 102, or THTR 221		3
HMS	406	5
HMS	427	3
HMS	450	3
MASTERY COURSE - Social science		3
<b>TOTAL</b>		<b>17</b>

**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 B- (2.70 GPA) 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
<b>Total</b> .....		<b>12</b>

Second Semester		Credits
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
<b>Total</b> .....		<b>13</b>

**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.....	3-5
ENG 100 or 101	
Mathematics .....	3-6
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
<b>Total .....</b>	<b>12-17</b>

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
<b>Total .....</b>		<b>18</b>

**Total .....** 30-35

\*MATH 120 is recommended, as it is required for the social work, nursing, 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

#### 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
<b>TOTAL</b>		<b>15</b>

SPRING—2nd Semester		Credits
HMS	105	3
HMS	104	3
HMS	200	3
IS	101	3
PSY	101	3
<b>TOTAL</b>		<b>15</b>

**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.

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications .....	3-5
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	
<b>Logical and Scientific Reasoning</b>	
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	
<b>Human Societies and Experience</b>	
Structure of Societies .....	3
ANTH 101, CRJ 104, CRJ 270, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101	
American Constitutions and Institutions:.....	3-6
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 208, HIST 209, HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 102, PHIL 129, SPAN 111, SPAN 112, SPAN 211	
<b>Technological Proficiency—GIS 109 (required).....</b>	<b>3</b>
<b>Foundations</b>	
Mathematics—MATH 181 (required) .....	4
Sciences.....	4
Any 4 credit lab science course in BIOL, CHEM, GEOL, PHYS (Minimum 12 total credits Science)	
<b>Total .....</b>	<b>42-48</b>

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 .....	Any AST, BIOL, CHEM, ENV, GEOG 103, GEOL, PHYS plus, ANTH 102 and NUTR 121	3
<b>Total .....</b>		<b>18</b>
<b>Total of all sections .....</b>		<b>60-66</b>

**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).

\*Student must provide own laboratory mentor for SUR 280 and SUR 281

**SUGGESTED COURSE SEQUENCE****AS—Land Surveying/Geomatics**

<b>FALL—1st Semester</b>	<b>Credits</b>
AMERICAN CONSTITUTIONS AND INSTITUTIONS*	3
ENG 100 or 101	3
FINE ARTS*	3
SCIENTIFIC REASONING*	3
STAT 152	3
<b>TOTAL</b>	<b>15</b>

<b>SPRING—2nd Semester</b>	<b>Credits</b>
ENG 102	3
HUMANITIES*	3
GIS 109	3
ORAL COMMUNICATIONS*	3
SCIENTIFIC REQUIREMENT*	3
<b>TOTAL</b>	<b>15</b>

<b>FALL—3rd Semester</b>	<b>Credits</b>
CADD 121	3
MATH 181	4
PHYS 151 or PHYS 180	4
SUR 280	4
<b>TOTAL</b>	<b>15</b>

<b>SPRING—4th Semester</b>	<b>Credits</b>
STRUCTURE OF SOCIETIES*	3
FOUNDATIONS: SCIENCE*	4
SUR 281	4
SUR 290	4
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 60****\*Choose with an advisor**

Please refer to page 209 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 91 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		Credits
COM	113	Fundamentals of Speech Communication, <b>or</b>
THTR	102	Introduction to Stage Voice, <b>or</b>
THTR	221	Oral Interpretation ..... 3
PHIL	311	Professional Ethics (formerly ECON 311) 3
ENG	333	Professional Communications ..... 3
<b>Total Credits</b> .....		<b>9</b>

Mastery Courses Requirements		Credits
Humanities/Social Science .....		3
HUM 301, INT 339, ANTH 307, ANTH 332, HIST 303, HIST 312, HIST 341, INT 349 or PSY 313		
Mathematical/Science.....		3
MATH 389, INT 359, GEOL 335 or INT 369		
<b>Total</b> .....		<b>6</b>

Applied Science Core Requirements		Credits
FIN	310	Applied Accounting and Finance ..... 3
MGT	310	Foundations of Management Theory and Practice ..... 3
MGT	323	Organizational Behavior and Interpersonal Behavior, <b>or</b>
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)		
<b>Total</b> .....		<b>13</b>

Program Emphasis Requirements		Credits
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, <b>or</b>
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
<b>Total</b> .....		<b>34-35</b>

**Total for all sections**.....**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**

**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
<b>TOTAL</b>	<b>15</b>

**SPRING—2nd Semester Credits**

ENG 102	3
HUMANITIES*	3
GIS 109	3
ORAL COMMUNICATIONS*	3
SCIENTIFIC REQUIREMENT*	3
<b>TOTAL</b>	<b>15</b>

**FALL—3rd Semester Credits**

CADD 121	3
MATH 181	4
PHYS 151 or PHYS 180	4
SUR 280	4
<b>TOTAL</b>	<b>15</b>

**SPRING—4th Semester Credits**

STRUCTURE OF SOCIETIES*	3
FOUNDATIONS: SCIENCE*	4
SUR 281	4
SUR 290	4
<b>TOTAL</b>	<b>15</b>

**FALL—5th Semester Credits**

ENG 333	3
MASTERY COURSE - Humanities/Social Science	3
SUR 320	3
SUR 340	3
SUR 360	3
<b>TOTAL</b>	<b>15</b>

**SPRING—6th Semester Credits**

MASTERY COURSE - Math/Science	3
PHYS 152 or 181	4
SUR 330	3
SUR 365	3
<b>TOTAL</b>	<b>13</b>

**FALL—7th Semester Credits**

MATH 182	4
MGT 310	3
PHIL 311	3
SUR 440	3
SUR 460	3
<b>TOTAL</b>	<b>16</b>

**SPRING—8th Semester Credits**

CADD 421	3
FIN 310	3
MGT 323 or 367	3
SUR 255 and 456, or 450	3-4
SUR 495	3
<b>TOTAL</b>	<b>15-16</b>

**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 two-year Associate of Science pattern of study is designed to transfer to colleges and universities with four-year biology degrees.

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 3 hour labs may occur weekly, on weekends, or at a time from Monday through Friday anytime from 8 a.m.– 9:45 pm.

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.

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications .....	3-5
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	
<b>Logical and Scientific Reasoning</b>	
Mathematical Reasoning—MATH 181 (required) .....	4
Scientific Reasoning—BIOL 190 (required).....	4
Scientific Data Interpretation—CHEM 121 (required).....	4
<b>Human Societies and Experience</b>	
Structure of Societies .....	3
PSY 101 recommended for pre-medical related students.	
ANTH 101, CRJ 104, CRJ 270, 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 (recommended)	
Humanities .....	3
ART 160, ART 260, ART 261, ENG 203, ENG 223, FIS 100, FREN 111, FREN 112, HIST 208, HIST 209 HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	
<b>Technological Proficiency</b> .....	3
GIS 109 or CS 135 (required)	
<b>Foundations</b>	
Mathematics—STAT 152 (required).....	3
(Minimum 5 total credits mathematics)	
Sciences—BIOL 191 (required).....	4
<b>Total</b> .....	<b>44-46</b>

Program Requirements	Credits
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
<b>Program Electives</b> (choose with advisor) .....	3
<b>Total</b> .....	<b>19</b>

**Total of all sections** ..... **63-65**  
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).

## SUGGESTED COURSE SEQUENCE

### AS—Biological Sciences

<b>FALL—1st Semester</b>		<b>Credits</b>
BIOL	190	4
CHEM	121	4
ENG	100 or 101	3-5
MATH	181	4
<b>TOTAL</b>		<b>15-17</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
BIOL	191	4
CHEM	122	4
ENG	102	3
FINE ARTS*		3
STAT	152	3
<b>TOTAL</b>		<b>17</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
CHEM	241	3
CHEM	241L	1
CIS 135 or GIS 109		3
HUMANITIES*		3
COM	113	3
PSC	101	3
<b>TOTAL</b>		<b>16</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
CHEM	242	3
CHEM	242L	1
BIOL	251	4
PROGRAM ELECTIVE**		3
STRUCTURE OF SOCIETIES*		3
<b>TOTAL</b>		<b>14</b>

**Minimum Credits: 62**

**\*Select from page 81**

**\*\*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.

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications .....	3-5
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, THTR 204	
<b>Logical and Scientific Reasoning</b>	
Mathematical Reasoning—MATH 181 (required) .....	4
Scientific Reasoning—CHEM 122 (required) .....	4
Scientific Data Interpretation—CHEM 121 (required).....	4
<b>Human Societies and Experience</b>	
Structure of Societies: .....	3
ANTH 101, CRJ 104, CRJ 270, ECON 102, 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 208, HIST 209 HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, 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)

**Total .....44-46**

### Program Requirements

### Credits

MATH 283 Calculus III .....
 4 |

PHYS 181 Physics for Scientists and Engineers II .....
 4 |

ENGR 100 Introduction to Engineering Design .....
 3 |

**Total ..... 11**

**Program Electives.....5**

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

**Total ..... 5**

**Minimum credits required ..... 60**

**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

### AS—Engineering and Physical Science

<b>FALL—1st Semester</b>		<b>Credits</b>
CHEM	121	4
ENG	100 or 101	3-5
ENGR	100	3
MATH	181	4
PROGRAM ELECTIVE**		3-4
<b>TOTAL</b>		<b>17-20</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
CHEM	122	4
CS	135	3
ENG	102	3
MATH	182	4
<b>TOTAL</b>		<b>14</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
MATH	283	4
ORAL COMMUNICATIONS*		3
PHYS	180	4
FINE ARTS		4
<b>TOTAL</b>		<b>15</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
PHYS	181	4
PSC	101	3
HUMANITIES*		3
PROGRAM ELECTIVE**		3-4
STRUCTURE OF SOCIETIES*		3
<b>TOTAL</b>		<b>16-17</b>

**Minimum Credits: 62-66**

**\*Select from page 81**

**\*\*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.

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications .....	3-5
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	
<b>Logical and Scientific Reasoning</b>	
Mathematical Reasoning.....	3-6
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
<b>Human Societies and Experience</b>	
Structure of Societies .....	3
ANTH 101, CRJ 104, CRJ 270, ECON 102, ECON 103, GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101	
American Constitutions and Institutions:.....	3-6
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 208, HIST 209 HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	

Technological Proficiency—GIS 109 (required) ..... 3

### Foundations

Mathematics .....

Any MATH 127 or higher, or STAT 152 (Minimum 5 total credits mathematics)	2-4
--	-----

Science—GEOL 102 (required) .....

(Minimum 12 total credits science)	4
------------------------------------	---

**Total** ..... **41-51**

### Program Requirements

### Credits

CHEM 122	General Chemistry II.....	4
PHYS 151	General Physics I, <b>or</b>	
PHYS 180	Physics for Scientists and Engineers I (preferred).....	4
PHYS 152	General Physics II, <b>or</b>	
PHYS 181	Physics for Scientists and Engineers II (preferred).....	4

**Program Electives** (Choose with advisor)..... 9

    Recommended electives: BIOL 190, ENGR 100,  
    ENV 100, GEOL 201, and GEOG 103.

**Total** ..... **21**

**Total of all sections**.....**62-72**

**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****Associate of Science—Geosciences**

<b>FALL—1st Semester</b>		<b>Credits</b>
CHEM	121	4
ENG	100 or 101	3-5
GEOL	101	4
MATH	126 or 181	3-4
<b>TOTAL</b>		<b>14-17</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
CHEM	122	4
ENG	102	3
GEOL	102	4
MATH	127 or 182	2-4
ORAL COMMUNICATIONS		3
<b>TOTAL</b>		<b>16-18</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
PHYS	151 or 180	4
PROGRAM ELECTIVE **		3-4
HUMANITIES*		3
STRUCTURE OF SOCIETIES*		3
GIS	109	3
<b>TOTAL</b>		<b>16-17</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
FINE ARTS*		3
PHYS	152 or 181	4
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3-6
PROGRAM ELECTIVES**		3-4
PROGRAM ELECTIVES**		3
<b>TOTAL</b>		<b>16-20</b>

**Minimum Credits: 62-72****\*Select from page 81****\*\*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.

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications .....	3-5
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	
<b>Logical and Scientific Reasoning</b>	
Mathematical Reasoning .....	3-6
MATH 126, 126E or higher	
Scientific Reasoning—GEOL 101 (required).....	4
Scientific Data Interpretation—CHEM 121 (required).....	4
<b>Human Societies and Experience</b>	
Structure of Societies .....	3
ANTH 101 (required)	
American Constitutions and Institutions:.....	3-6
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 208, HIST 209 HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	
<b>Technological Proficiency</b>	
GIS 109 (required).....	3

<b>Foundations</b>	
Mathematics .....	3
STAT 152 (required)	
(Minimum 5 total credits mathematics)	
Science—BIOL 190 (required) .....	4
<b>Total</b> .....	<b>42-50</b>

<b>Program Requirements</b>	
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
<b>General Elective</b> .....	<b>3</b>
<b>Total</b> .....	<b>18</b>

**Total of all sections**.....**60-68**

**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

### Associate of Science—Natural Resources

<b>FALL—1st Semester</b>		<b>Credits</b>
CHEM	121 (Fall semester only)	4
ENG	100 or 101	3
GEOL	101	4
MATH	126, 126E or higher	3
<b>TOTAL</b>		<b>14</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
COM	113, THTR 102, or 221	3
CHEM	122	4
ENG	102	3
STAT	152	3
<b>TOTAL</b>		<b>13</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
BIOL	190	4
FINE ARTS*		3
GEOL	102	4
AMERICAN CONSTITUTIONS AND INSTITUTIONS*		3
GENERAL ELECTIVE		3
<b>TOTAL</b>		<b>17</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
ANTH	101 or 202	3
BIOL	191 (Spring semester only)	4
GIS	109	3
ENV	100	3
HUMANITIES*		3
<b>TOTAL</b>		<b>16</b>

**Minimum Credits: 60**

**\*Select from page 81**

# 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
Written Communications .....	3-5
ENG 100, 101 or 107	
Evidence-Based Communications .....	3
ENG 102 or 108	
Mathematics .....	3-6
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)	
<b>Total .....</b>	<b>24-32</b>

### Program Core Requirements

Fall Semesters		Credits
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		Credits
CRJ 106	Introduction to Corrections.....	3
CRJ 120	Community Relations .....	3
CRJ 214	Police Patrol.....	3
CRJ 215	Probation and Parole.....	3
CRJ 220	Criminal Procedures .....	3
CRJ 270	Criminology .....	3

### Program Electives (choose with advisor)..... 9

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)

### Minimum credits for degree ..... 60

**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. Upon successfully petitioning for non-traditional credit with a valid POST certificate and completing 12 semester credits at GBC, the following courses will be awarded. CRJ 104, 106, 164, 230 and 265.

All six courses listed are offered every semester, all twelve courses listed are offered each year.

**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 104) or the Bachelor of Arts in Social Science (see page 223).

**SUGGESTED COURSE SEQUENCE****Associated of Applied Science  
—Criminal Justice**

<b>FALL—1st Semester</b>		<b>Credits</b>
CRJ	104	3
CRJ	164	3
ENG	101	3
MATH*		3-6
PSC	101	3
<b>TOTAL</b>		<b>15-18</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
CRJ	106	3
ENG	102	3
CRJ	of choice	3
Science*		3
ELECTIVE**		3
<b>TOTAL</b>		<b>15</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
CRJ	265	3
CRJ	of choice	3
PSY	208 of MGT 283	3
CRJ	of choice	3
ELECTIVE**		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
CRJ	of choice	3
CRJ	270	3
Humanities or Fine Arts		3
Technology*		3
ELECTIVE**		3
<b>TOTAL</b>		<b>15</b>

**Minimum Credits: 60-63****\*Select from page 82****\*\*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.

General Education	Credits
<b>Communications and Expressions</b>	
Written Communications .....	3-5
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	
<b>Logical and Scientific Reasoning</b>	
Mathematical Reasoning.....	3-6
MATH 120, 120E, 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	
<b>Human Societies and Experience</b>	
Structure of Societies .....	3
ANTH 101, CRJ 104, CRJ 270, ECON 102, ECON 103,	

GEOG 106, HMS 200, PSY 101, PSY 208, SOC 101 American Constitutions and Institutions .....	3-6
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 208, HIST 209 HUM 101, HUM 111, HUM 210, MUS 121, MUS 125, PHIL 101, PHIL 102, PHIL 135, SPAN 111, SPAN 112, SPAN 211	
<b>Technological Proficiency</b> .....	3
CIT 129, CS 135, EDU 214, GIS 109, GRC 119, IS 101	
<b>Foundations</b>	
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	
<b>Total</b> .....	<b>39-49</b>

Program Requirements	Credits
ANTH 101 Introduction to Cultural Anthropology, or	
ANTH 201 Peoples and Cultures of the World, <b>or</b>	
ANTH 202 Archaeology .....	3
History Any lower-division HIST.....	3
PSC 101 Introduction to American Politics, <b>or</b>	
PSC 210 American Public Policy .....	3
PSY 101 General Psychology, <b>or</b>	
PSY 208 Psychology of Human Relations .....	3
<b>Program Electives</b> .....	<b>9</b>
Three courses from the following prefixes: ANTH, GEOG, HIST, PSC, PSY, SW, SOC, CRJ	
<b>Total</b> .....	<b>21</b>

**Total of all sections**.....**60-70**

**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****Associate of Art—Social Science**

<b>FALL—1st Semester</b>	<b>Credits</b>
AMERICAN CONSTITUTIONS AND INSTITUTIONS*	3
ANTH 101, ANTH 201, or ANTH 202	3
ENG 101	3
MATHEMATICAL REASONING*	3
ORAL COMMUNICATIONS*	3
<b>TOTAL</b>	<b>15</b>

<b>SPRING—2nd Semester</b>	<b>Credits</b>
ANY LOWER-DIVISION HISTORY*	3
ENG 102	3
HUMANITIES*	3
PSC 101 OR PSC 210	3
TECHNOLOGY PROFICIENCY*	3
<b>TOTAL</b>	<b>15</b>

<b>FALL—3rd Semester</b>	<b>Credits</b>
FINE ARTS*	3
PROGRAM ELECTIVE**	3
PSY 101 or PSY 208	3
STRUCTURE OF SOCIETIES*	3
SCIENTIFIC REASONING*	3
<b>TOTAL</b>	<b>15</b>

<b>SPRING—4th Semester</b>	<b>Credits</b>
FOUNDATIONS: HUMANITIES/FINE ARTS*	3
PROGRAM ELECTIVE	3
PROGRAM ELECTIVE	3
SCIENTIFIC DATA INTERPRETATION	3
FOUNDATIONS: SOCIAL SCIENCE*	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 60****\*Select from page 82****\*\*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 is accredited by the Northwest Commission on Colleges and Universities.

### 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. 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

Students may be denied entry into the program for violations of the student code of conduct.

### 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, <b>or</b>
SOC	101	Principles of Sociology
HIST	Any lower-division History	
PSC	101	Introduction to American Politics, <b>or</b>
PSC	210	American Public Policy
PSY	101	General Psychology, <b>or</b>
PSY	208	Psychology of Human Relations

All students must satisfy the ENG 102 and U.S. and Nevada Constitution requirements if not completed as part of their associate degree.

**General Education Requirements Credits  
(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 page 82)	
<b>Total .....</b>	<b>18-20</b>

**Mastery Course Requirement Credits**

Math/Science .....	3
MATH 389, INT 359, GEOL 335 or INT 369	
Social Science .....	3
ANTH 307, ANTH 332, HIST 303, HIST 341, HIST 341 INT 349, PSY 313	
<b>Total .....</b>	<b>6</b>

**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 any two 400 Level GBC ANTH) ..... 6  
(These courses are regularly offered at GBC)

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 any two 400 level GBC HIST courses) ..... 6  
(These courses are regularly offered at GBC)

HIST	417C	The West as National Experience
HIST	434	Role of Cities in American History
HIST	441	American Environmental History
HIST	489B	The Silk Roads
HIST	489C	History of Globalization
HIST	498	Advanced Historical Studies

**Political Science** (choose any two 400 level GBC PSC courses) ..... 6  
(These courses are regularly offered at GBC)

PSC	401Z	Special Topics in American Government
PSC	403C	Environmental Policy
PSC	403K	Problems in American Public Policy
PSC	405G	International Conflict

**Psychology** (choose any two 400 level GBC PSY courses) . 6  
(These courses are regularly offered at GBC)

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, INT 349

Written Communications ..... 3  
Any Upper-division ENG

INT	301	Integrative Research Methodology.....	3
INT	496	Capstone in Integrative Studies .....	3
<b>Total .....</b>			<b>39</b>

**Program Electives** ..... 15

Choose any ANTH, HIST, PSC or PSY  
(These courses are regularly offered at GBC)

ANTH	201	Peoples and Cultures of the World
ANTH	202	Introduction to Archaeology
ANTH	307	Ancient Civilizations
ANTH	332	(De)Constructing Race
HIST	208	World History I
HIST	209	World History II
HIST	217	Nevada History
HIST	247	Introduction to the History of Mexico
HIST	295	Special Topics in History (Can be taken multiple times with different topics)
HIST	303	Worlds of Islam
HIST	341	Global China
PSC	231	Introduction to International Relations
PSC	295	Special Topics in Political Science (Can be taken multiple times with different topics)
PSY	208	Psychology of Human Relations
PSY	241	Introduction to Abnormal Psychology
PSY	233	Child Psychology
PSY	234	Psychology of Adolescence
PSY	313	Well Being: East Meets West

**Total Credit..... 15**

**Total for all sections..... 60**  
 (beyond associate degree)

**SUGGESTED 4 YEAR PLAN OF STUDY**

**Bachelor of Arts—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
<b>TOTAL</b>	<b>15</b>

**SPRING—2nd Semester Credits**

ANY LOWER-DIVISION HISTORY	3
ENG 102	3
HUMANITIES*	3
PSC 101 OR PSC 210	3
TECHNOLOGY PROFICIENCY*	3
<b>TOTAL</b>	<b>15</b>

**FALL—3rd Semester Credits**

FINE ARTS*	3
PROGRAM ELECTIVE**	3
PSY 101 or PSY 208	3
STRUCTURE OF SOCIETIES*	3
SCIENTIFIC REASONING*	3
<b>TOTAL</b>	<b>15</b>

**SPRING—4th Semester Credits**

FOUNDATIONS: HUMANITIES/FINE ARTS*	3
PROGRAM ELECTIVE**	6
SCIENTIFIC DATA INTERPRETATION	3
FOUNDATIONS: SOCIAL SCIENCE*	3
<b>TOTAL</b>	<b>15</b>

**FALL—5th Semester Credits**

ADDITIONAL SOCIAL SCIENCE	3
PROGRAM ELECTIVE	3
INT 301	3
UPPER-DIVISION HIST	3
UPPER-DIVISION PSY	3
<b>TOTAL</b>	<b>15</b>

**SPRING—6th Semester Credits**

ADDITIONAL SOCIAL SCIENCE*	3
MASTERY COURSE**	3
PROGRAM ELECTIVE	3
UPPER-DIVISION ANTH	3
UPPER-DIVISION PSC	3
<b>TOTAL</b>	<b>15</b>

**FALL—7th Semester Credits**

INT 349	3
UPPER-DIVISION HIST	3
UPPER-DIVISION PSY	3
PROGRAM ELECTIVE	3
PROGRAM ELECTIVE	3
<b>TOTAL</b>	<b>15</b>

**SPRING—8th Semester Credits**

INT 496	3
UPPER-DIVISION ANTH	3
UPPER-DIVISION PSC	3
PROGRAM ELECTIVE	3
PROGRAM ELECTIVE	3
<b>TOTAL</b>	<b>15</b>

**Minimum Credits: 120**

**\*Select from page 82**  
**\*\*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 221 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/](http://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:

- 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).
- 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.
- Submit formal applications to:
  - The University of Nevada, Reno (applicable for students transferring to UNR) and
  - The School of Social Work (BSW application).
- Submit responses to essay questions as found on the third page of the BSW program application.
- Submit two professional references (must use BSW recommendation form).
- 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.

General Education Requirements	Credits
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
ART 100, ART 101, ART 107, ENG 205, MUS 101, THTR 100, THTR 105, THTR 204	
BIOL 100 .....	3
Science .....	3
ANTH 102, BIOL 191, CHEM 121, 122, GEOG 103, GEOL 101, 102, NUTR 121, PHYS 100, 151, 152, 180, 181	
Structures of Societies—SOC 101 (required).....	3
American Constitutions and Institutions .....	3-6
HIST 101/102 (must take both) or PSC 101	
Humanities/CO8 HIST 208 or 209 required .....	3
Technology .....	3
CIT 129, EDU 214, GIS 109, CS 135, GRC 119, IS 101	
<b>Total .....</b>	<b>33-36</b>

Additional Departmental Requirements		Credits
PSY 101	General Psychology .....	3
CPD 116	Substance Abuse - Fundamental Facts .... and Insights .....	3
PSY 241	Introduction to Abnormal Psychology ....	3
HDFS 201	Lifespan Human Development .....	3
Core Objective.....		3
HIST 208, 209, PHIL 200, 207		
General Electives .....		9
(PHIL 102 and ECON 102 recommended)		
<b>Total .....</b>		<b>24</b>

Pre-Professional Courses		Credits
SW 101	Introduction to Social Work.....	3
SW 250	Social Welfare History and Policy .....	3
SW 310	Structural Oppression.....	3
SW 311	Theoretical Perspectives on Human Behavior .....	3
SW 321	Basics of Professional Communication ...	3
SW 351	Global Context of Social Work.....	3
<b>Total Credits .....</b>		<b>18</b>

Professional Sequence Courses		Credits
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
Social Work Elective (GBC)		
SW 230	Crisis Intervention .....	3
Social Work Elective (UNR).....		3
<b>Total Credits .....</b>		<b>36</b>

<b>UNR Core Objective Requirements</b>	
Core Objective 10.....	6
WMST 101 Introduction to Women’s Studies	
HIST 303 Worlds of Islam	
ENG 267 Introduction to Women and Literature	
PHIL 210 World Religions	
Core Objective 13.....	3
ENG 333 Professional Communications	
HIST 417C The West as National Experience	
<b>Total .....</b>	<b>9</b>
<b>Total of all sections .....</b>	<b>120</b>

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.

**SUGGESTED COURSE SEQUENCE**

**BSW—GBC/UNR 3+1 Social Work**

<b>FALL—1st Semester</b>		<b>Credits</b>
ENG 101		3
FINE ARTS**		3
SW 101		3
MATH 120, 120E, 126, 126E or higher,		3
COM 113		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—2nd Semester</b>		<b>Credits</b>
ENG 102		3
PSY 101		3
SOC 101		3
SW 250		3
BIOL 100		3
<b>TOTAL</b>		<b>15-18</b>

<b>FALL—3rd Semester</b>		<b>Credits</b>
HUMANITIES*		3
ECON 102		3
NUTR 121		3
ANTH 101, CRJ 104 or PSY 208		3
SW 230		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—4th Semester</b>		<b>Credits</b>
PSC 101		3
PSY 241		3
PHIL 102		3
SW 321		3
TECHNOLOGY*		3
<b>TOTAL</b>		<b>15</b>

<b>FALL—5th Semester</b>		<b>Credits</b>
SW 310		3
HDFS 201		3
WMST 101, HIST 303, PHIL 210 or ENG 267		3
GENERAL ELECTIVE		3
GENERAL ELECTIVE		3
<b>TOTAL</b>		<b>15</b>

<b>SPRING—6th Semester</b>		<b>Credits</b>
SW 311		3
SW 351		3
WMST 101, HIST 303, PHIL 210 or ENG 267		3
HIST 417C, HIST 441, ENG 333		3
SW ELECTIVE (SELECTION FROM UNR)		3
<b>TOTAL</b>		<b>15</b>

<b>FALL—7th Semester (UNR)</b>		<b>Credits</b>
SW 420		3
SW 424		3
SW 440		3
SW 480		6
<b>TOTAL</b>		<b>15</b>

<b>SPRING—8th Semester (UNR)</b>		<b>Credits</b>
SW 421		3
SW 427		3
SW 441		3
SW 481		6
<b>TOTAL</b>		<b>15</b>

**Minimum Credits: 120**

\*Refer to page 81

\*\*Choose with an advisor

# ELKO CAMPUS



1500 College Parkway  
Elko, Nevada 89801  
(775) 327-5002

1. **Berg Hall (BH)**
  - Admission Advising and Career Center
  - Counseling
  - Pathways Specialist
  - Student Employment Services
  - Admissions and Records Office
  - Administrative Offices
  - Conference Room
  - Controller's Office
  - Institutional Research
  - Interactive Video Conference Rooms
  - SIS Operations
  - Student Financial Services
  - Welcome Center
2. **McMullen Hall (MH)**
  - Classrooms
  - Faculty Offices
    - Arts and Letters, Elementary/Secondary/Early Childhood Education
  - Grant Writer
  - Interactive Video Conference Rooms
  - Library
  - NNRDA
  - Economic Development
  - Nevada Small Business Development Center (SBDC)
  - TAACCT Grant
  - Veterans Resource Center
3. **Lundberg Hall (LH)**
  - 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
  - Computer Classrooms
  - Computer Lab Aides
  - Distance Education
  - Elementary Education Resource Center
  - Faculty Offices
    - Computer Technologies, Land Surveying/Geomatics
  - Interactive Video Classrooms
  - Interactive Video Office
  - Microbiology Lab
  - Microsoft Training Center
  - Part-time Faculty Work Room/Classified Break Room
  - Webmaster
6. **Adult Learning Center**
  - Instruction/Registration
7. **Adult Learning Center II**
8. **Greenhaw Technical Arts Center (GTA)**
  - Art Classroom
  - Auto/Diesel Shops
  - Computing Classrooms
  - Faculty Offices
    - Business, Diesel, Welding
  - Interactive Video Classrooms
9. **Central Receiving**
  - Buildings and Grounds
10. **Storage**
11. **Carl A. Diekhans Industrial Technology Center (DCIT)**
  - Academic Success Center
  - Testing Center
  - Career and Technical Education
  - College Credit
  - Computer Labs
  - Conference Room
  - Electrical Technology Lab
  - Faculty Offices
    - CTE - Electrical Technology, Millwright
    - Social Sciences: Anthropology, Criminal Justice, History, Social Work, Psychology, Sociology
  - Instrumentation Lab
  - Low Voltage Lab
  - Theatre Arts
  - Walk-in Wednesdays (Advising)
  - Digital Humanities of the Great Basin Grant
12. **Dorothy S. Gallagher Health Sciences Building (HSCI)**
  - Classrooms
  - Faculty Offices
    - EMT/CNA, Human Services, Nursing, Radiology
13. **Reynolds Amphitheatre**
14. **Leonard Center for Student Life (LCSL)**
  - Art Gallery
  - Cafe
  - Bookstore
  - Clubs and Organizations
  - Disability Support and Related Services
  - Social Room
  - Student Government Association Offices
  - Student Recruitment/Retention
  - Student Resource Central
  - Game/Recreation Room
15. **Fitness Center**
  - Gym/Weight Room
16. **Reynolds Solarium**
17. **GBC Theatre**
  - Green Room, Stage, Theatre
18. **Chilton Circle Modular**
  - Human Resources
  - Interactive Video Conference Rooms
  - Security
19. **Community Outreach Center**
  - Continuing Education
  - GBC Foundation Office
20. **Mark H. Dawson Child and Family Center**
21. **The House Tom and Jack Built**
22. **Arts/Music Annex**
  - Ceramic Lab, Jewelry Lab, and Theater/Music Lab
23. **Storage/Testing Facility RPL (Recognized Prior Learning)**
  - Testing for Industrial Millwright and Diesel
24. **Placer Dome/Cortez Hall**
  - 1691 College Parkway A
    - Single Resident Suites
25. **Newmont Hall**
  - 1691 College Parkway B
    - Single Resident Suites
26. **Single Resident Suites**
  - 1691 College Parkway C
27. **Elizabeth Griswold Hall**
  - Student Housing Dorms
  - 701 Walnut Street
    - AHEC, CEHSO Cooperative Extension, University of Nevada, Elko Office of Extended Studies
28. **Theodore Laibly Hall**
  - 611 Walnut Street
    - 6-Unit Married Housing Apartment Complex
29. **12-Unit Married Housing Apartment Complex**
  - 611 Walnut Street
30. **Clock Tower**
31. **Rollan Melton Circle**
32. **Cowbarn**
33. **Hoop House**
34. **Mining Center of Excellence**

# 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](http://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 81-82. 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 76-77 for additional information.

## 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 corporate form of business organization. Topics include the accounting cycle, journals, ledgers, financial statements, receivables, inventory, fixed assets, current and non-current liabilities, shareholders' equity, and the statement of cash flows.
- ACC 202 Managerial Accounting** 3  
Basic principles pertaining to the internal accounting procedures of an organization. Topics include job costing, activity-based costing, process costing, cost-volume-profit analysis, short-term decision making, capital budgeting, budgeting, variance analysis, responsibility accounting, statement of cash flows, and performance measurements. 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.

## 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.

## 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 216 Cultures Through Film** 3  
An exploration of societies, cultures and cultural anthropology through film. Ethnographic and documentary films are shown.
- ANTH 307 Ancient Civilizations** 3  
An exploration of the world's first civilizations and states in Africa, Eurasia and the Americas - the general trends in select regions and coverage of key archaeological sites. A review of theoretical perspectives on the rise and collapse of states along with techniques used in archaeology. This course satisfies the requirements for INT 349. Prerequisite: Must have completed 40 or more credits or instructor approval.
- 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 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 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

# A

## COURSE DESCRIPTIONS

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.

## 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 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 206 Jewelry II 3

Continued exploration of creating jewelry using various techniques.

## 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 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 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 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 Lab 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 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 175 Business Data Analytics 3**  
Introductory course in Business Data Analytics designed to acquaint the student with this important business resource. Areas covered include data mining, text mining, Neural Network Fundamentals, producing insights from information, social media success measures, and the legalities of Data Mining. Students must have access to Word and Excel software (Microsoft Office).

**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 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.

## 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 127 or higher, or be enrolled in MATH 127 or higher, or have earned a satisfactory score on the placement test, ACT, or SAT.

**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.

## 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-ori-

ented 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 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 Enterprise - Core Networking I** 4  
CCNP Enterprise: Core Networking (CCNP ENCOR v7) - aligns to the Cisco Press CCNP and CCIE Enterprise Core ENCOR 350-401 Official Cert Guide and the Implementing Cisco Enterprise Network Core Technologies (ENCOR 350-401) certification exam. The ENCOR course includes implementation of core enterprise network technologies including dual stack (IPv4 and IPv6) architecture, virtualization, infrastructure, network assurance, and automation. Prerequisite: Must have completed CSCO 220 or instructor approval.

**CSCO 482 CCNP Enterprise - Core Networking II** 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 and assists in preparation for the CCNP ENCOR exam. Enterprise Core Networking (ENCOR) curriculum provides students with a broad scope of architectural understanding and implementation skills required by enterprise networks. The course covers switching, routing, wireless, and related security topics along with the technologies that support software-defined, programmable networks. Prerequisite: Must have completed CSCO 480 or instructor approval.

**CSCO 483 CCNP Enterprise Advanced Routing and Services** 4  
Cisco has evolved its CCNP Enterprise certification to a streamlined format that requires passing two exams: the Enterprise Core (ENCOR) exam (350-401) and the Enterprise Advanced Routing and Services (ENARSI) exam (300-410). The CCNP Enterprise: Advanced Routing and Services (CCNP ENARSI v8) course is designed to provide in-depth knowledge of advanced concepts for configuring routers and services in an enterprise environment. These devices and services play a critical role in connecting devices, applications, and data across the internet and other computer networks. By the end of this course, students will be

able to perform advanced configurations for routers and services, enabling them to build and configure enterprise-level local area networks (LANs) and wide area networks (WANs). This includes using both IPv4 and IPv6 advanced routing protocols, leveraging advanced protocol features to optimize network performance, implementing route redistribution, and exploring advanced tunneling technologies. Prerequisite: Must have completed CSCO 482. 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.

## 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.

## 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.

## 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.

## 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.

**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 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 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 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 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 240 Python for Data Analysis 3**  
This course is designed to equip students with the essential skills for effective data handling using Python. It covers data analysis fundamentals, including collection, cleaning, transformation, statistical methods, and data visualization, leveraging Python libraries like pandas, numpy, matplotlib, seaborn, and scikit-learn. Practical case studies in business and sports analytics provide real-world applications, guiding students through data lifecycles and predictive modeling. Additionally, the course incorporates ChatGPT Prompt Engineering, allowing students to master the art of formulating prompts for AI language models, enhancing their data analysis capabilities. Prerequisite: Must have completed CIT 129 or Instructor Approval.

**CIT 242 R for Data Analysis 3**  
This course serves as an introduction to data analysis using the R programming language, a powerful open-source tool for statistical computing. It provides a solid foundation in R programming, covering key aspects such as data manipulation, data visualization, and statistical analysis. Practical, real-world data analysis projects will offer hands-on experience, and by the course's end, students will be proficient in conducting data analysis and visualization with R. Prerequisite: Must have completed CIT 129 or Instructor Approval.

**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 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 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.

### 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 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 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.

## 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.

**CS 151 Introduction to Cybersecurity 3**

The purpose of this course is to prepare students and IT professionals to move into the cybersecurity field. We'll cover the skills and knowledge you'll need to set up and use threat detection tools; perform data analysis; identify vulnerabilities, threats, and risks; and protect applications and systems within a company. First, we'll cover threats and vulnerabilities. In this part of the course, we'll learn how to use proactive threat intelligence to manage organizational security and vulnerability activities. Then we'll discuss software and systems. We'll employ security solutions to manage infrastructure and understand software and hardware assurance best practices. This course is designed to prepare you to pass the TestOut CyberDefense Pro and CompTIA CySA+ certifications. At the end of the course, you'll find both the TestOut CyberDefense Pro certification practice exam and CompTIA CySA+ practice exams.

## 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 106 Introduction to Corrections 3**  
History and development of corrections. Current practices and problems of the correctional system. Recommend: CRJ 104.

**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 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 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 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 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 262 Introduction to Emergency Communication Dispatching I 3**

Intro to Emergency Communication Dispatching I builds the necessary skills and knowledge to work in an emergency communications center in a productive and professional manner. The course prepares each student for the basic roles, duties, and responsibilities of a public safety dis-

patcher.

**CRJ 263 Introduction to Emergency Communication Dispatching II 3**

Intro to Emergency Communication Dispatching II continues building the necessary skills and knowledge to work in an emergency communications center in a productive and professional manner. The course prepares each student for the basic roles, duties and responsibilities of a public safety dispatcher. Prerequisite: Must have completed CRJ 262.

**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 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.

## Data Science

**DATA 101 Introduction to Data Science 3**

This is a survey course to build a fundamental yet applied understanding of topics in data science. The course covers topics from a conceptual standpoint without assuming prerequisite knowledge in statistics and programming. Topics included in this course are definition and history of data science, data collection, data wrangling (including manipulating, cleaning and cleaning data), data explorations, creating models, artificial neural networks, and communicating the results. At the end of the course, students will have the necessary skills to dive further into the more qualitative technical aspects of data science.

**DATA 110 Introduction to Data Visualization 3**

This is an introductory course about converting data into understandable visual presentations. Topics include data relationships, data visualization and reports, and preparing, processing, and modeling data, with hands-on skills using both Microsoft Power BI and Tableau. The course covers topics from a conceptual standpoint without assuming prerequisite knowledge in statistics and programming.

## 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 201 Diesel Brakes and Pneumatics 2.5

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 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.

## Early Childhood Education

### ECE 126 Social and 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 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 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.

**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.

**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: 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 development, 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 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 Career and Technical Education 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 Career and Technical Education 3**  
Course will provide students the opportunity to research and develop curriculum dealing with content and procedures for career and technical education programs.

**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 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. 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 and 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, and 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] Prerequisite: 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 425 Methods of Teaching Secondary Physical Education 3**  
This course is designed to prepare students to teach Physical Education at the 7-12 grade levels. Emphasizing the theoretical foundations, practical teaching strategies, and assessment techniques, students will gain a comprehensive understanding of teaching physical education to secondary school students. Through discussions, practical activities, and reflective assignments, students will develop the skills necessary to create engaging and effective physical education lessons that promote lifelong physical activity and well-being. Prerequisite: Must be admitted to the Teacher Education Program or by instructor permission.

**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 418 Introduction to Social Emotional and Academic Skills 3**

This course introduces Social, Emotional, and Academic Development (SEAD) competencies: Self-awareness, self-management, social awareness, relationship skills, and responsible decision-making skills and their significance for educators to model SEAD skills and create meaningful, healthy relationships with students, peers, and community members. Course assignments and activities will highlight how SEAD competencies can increase professional impact and desired workplace outcomes.

**EDSP 428 SEAD Practices Supporting Nevada Policies, Equity, and Critical Issues 3**

This course introduces educators to current state policies and future state needs related to Social, Emotional, Academic Development (SEAD) competencies (self-awareness, self-management, social awareness, relationship Prerequisite: Must have completed EDSP 418.

**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 438 Methods and Curriculum for Modeling, Teaching, and Implementing SEAD 3**

This course introduces educators to practical strategies and instructional approaches to embed Social, Emotional, Academic Development (SEAD) competencies (self-aware-

ness, self-management, social awareness, relationship skills, and responsible decision-making skills) and related lessons into their personal and workplace practices. The SEAD applications presented in this course can be used to strengthen SEAD instruction and support services across Pre-K to 12th grade levels and reinforce school-family-community relationships. Ten teaching practices that support teaching strategies to use in classrooms to support a positive, engaging, and inclusive classroom experience for students and teacher will be highlighted. SEL skills targeted by evidence based SEL programs will be investigated. Course assignments and a personalized action plan will further introduce methods to leverage SEAD competencies as a way to increase professional impact and desired workplace outcomes for modeling, teaching, and implementing SEAD. Prerequisite: Must have completed EDSP 418 and EDSP 428.

**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 448 SEAD Assessments, Evaluation, Monitoring, & Improvement Planning 3**

This course introduces educators to practical Social, Emotional, Academic Development (SEAD) assessments that measure self-awareness, self-management, social awareness, relationship skills, and responsible decision-making skills in youth and adults. This course identifies methods to monitor SEAD competency development to help improve future SEAD program needs across educational levels. Course participants will gain practical skills to evaluate SEAD growth and its relationship to whole-student success. Finally, personalized action planning will help ensure that class participants are making intentional progress towards their professional goals and SEAD related outcomes. Prerequisite: Must have completed EDSP 418 and EDSP 428 and EDSP 438.

**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 208 Students with Diverse Abilities and Backgrounds** 3  
 Focus on successful inclusion of students with various disabilities, students from culturally diverse backgrounds, and English language learners in a general education classroom.

**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 245 Foundations of Elementary Literacy and the Science of Reading** 3  
 This course is designed for paraprofessionals, substitute teachers, or other support staff to understand the current research, theory, methods, and instructional strategies related to the science of reading. This focus includes the 5 pillars of literacy instruction: phonemic & phonological awareness, phonics and spelling, vocabulary, reading fluency, and reading comprehension. Effective literacy assessments, intervention strategies, and differentiated techniques will also be explored. 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.

**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 295 Education Topics: Subtitle Varies** 1-6  
 Special topics in education. Unlimited repeatability. [S/U]

**EDU 310 Learning, Development, and Individual Differences in Gifted Education** 3  
 In this course participants will understand the characteristics and needs of gifted children and youth, types of pro-

grams available to gifted children and youth, the historical and philosophical foundations required of professionals in the field, the history of the gifted child movement, and advocacy for gifted children and youth.

**EDU 320 Learning Environments for Gifted Students** 3  
 In this course participants will understand how to create safe learning environments that foster emotional well-being, positive social interaction, leadership, and cultural understanding success in a diverse society. They will gain knowledge of the impact of giftedness and diversity on social-emotional development and be enabled to design environments, withing a continuum of services, that encourage independence, motivation, and self-efficacy of individuals from all backgrounds.

**EDU 330 Curriculum and Instructional Planning in Gifted Education** 3  
 In this course participants will understand and apply research-based models of curriculum and instruction related to students with gifts and talents and respond to their needs by planning, selecting, adapting, and creating culturally relevant curriculum and by using a repertoire of evidence-based instructional strategies to ensure specific student outcomes. Participants will understand the purpose of using a comprehensive and sequenced core curriculum that is aligned with local, state, and national standards, and how to differentiate and expand it in order to meet the unique needs of students with gifts and talents. Participants will select, adapt, and plan for the use of a variety of evidence-based instructional strategies to advance learning of gifted and talented individuals.

**EDU 340 Assessment in Gifted Education** 3  
 In this course participants will understand how to collect multiple types of assessment information so that all students are able to demonstrate their gifts and talents. They will understand how ongoing assessments such as pre- and post-, self-, performance-based, and product-based assessments guide differentiation. Participants will understand the importance of using non-biased, technically adequate, and equitable approaches in order to identify students from diverse backgrounds for gifted programs. This course will focus on interpreting multiple assessments in different domains and understand the uses and limitation of the assessments in identifying the needs of students with gifts and talents.

### 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 interconnected-

ness 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.

## 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, CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>2</sub>, 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 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 on-line 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 on-line 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 on-line 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 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 1-2.5**

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 1-2.5**

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 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 131 National Electric Code 2.5**

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** 1-2.5  
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** 2.5  
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** 2.5  
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** 2.5  
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.

## 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: The student is required to have a current Drivers license and proof of health insurance. Healthcare provider CPR, up to date immunizations, background check, and a drug screen are required to be eligible to attend the required clinical rotations for 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 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: The student is required to show proof of a current Nevada EMT certification, Healthcare Provider CPR card, proof of health insurance. Proof of current immunizations or immunities, background check, and drug screen are required for clinical rotations for certification. 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 200 Fundamentals of Paramedic Medicine 3**  
Information will be provided that defines the roles and responsibilities of the paramedic and the importance of scene safety and wellness when practicing in the field. The course also provides information on injury prevention and the use of protective equipment needed to protect the paramedic in the field. It will provide the student with an understanding of the medical-legal and ethical issues which will impact them in their career. At the completion of this course, the EMT-Basic skills will be assessed and reviewed. Prerequisite: EMT or AEMT and acceptance into the Paramedic Program. 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 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 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 be admitted 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 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 be admitted 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 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, cardio-

version, 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 be admitted 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 211 Paramedic Care for Medical Emergencies 3-4**  
This course will prepare the Paramedic student to identify, assess, manage, and treat various medical emergencies and communicable diseases. Advanced Cardiac life Support is required for healthcare providers who either direct or participate in the resuscitation of a patient in the prehospital or hospital setting. Prerequisite: Must be admitted 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 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. Prerequisite: Must be admitted 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 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 be admitted 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 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 4-6**  
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 paramedic, nurse, or physician preceptor. This course will be offered for 6 credits (90 hours per credit = 270 clinical hours). Prerequisite: Must be admitted into the paramedic program.

**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 be admitted 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 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.

**EMS 300 Community Paramedicine 10**

Information will be provided that defines the roles and responsibilities of the EMT, AEMT, and/or paramedic as a community paramedic. The course will provide the student with a better understanding of chronic diseases, preventative care, along with coordinating health services for patients. The course will assist the student with understanding community based needs and multidisciplinary collaboration by reducing hospital admissions, preventing unnecessary ambulance transports, and treating patients in their own homes. The student will learn to establish therapeutic relationships, assist patients with connecting to social services, and assist the primary care physician in providing patient care. The course includes 100 hours of clinical experience. The course will prepare the student to take the CP-C Exam for community paramedicine and to gain Nevada community paramedic certification. Students must have a current EMT or AEMT or Paramedic certification with Nevada or NREMT.

## 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 pre-writing, 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 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 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 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. Prerequisite: Must have completed ENG 102. Instructor permission required.

**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 Social Science.

**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 Social Science.

**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 Social Science.

**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 Social Science.

**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 Social Science.

**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 Social Science.

**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.

## Engineering

**ENGR 100 Introduction to Engineering Design 3**  
This course is an overview of engineering practices and provides exposure to the engineers working environment. Introduces engineering design, professional ethics, project planning, prototype fabrication, engineering creativity, and overview of engineering disciplines. Student groups carry out a semester-long design project while learning to be a part of an engineering team.

## 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 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 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] Instruc-

tor 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.

## 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 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 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.

## 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 335 Earth Resources & The Environment** 3  
Geological availability, exploitation, and use of nonrenewable natural resources including metallic minerals, nonmetallic, and energy resources.

## 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.

## 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 428 Preschool Curriculum I** 3  
This course will focus on the theoretical and practical aspects of planning and implementing a curriculum for preschool-aged children, including activities that promote creative, physical, cognitive, language and social-emotional development. Prerequisite: Must have completed ECE 210 and ECE 200 and ECE 251 and ECE 453 and ECE 454 and EDES 300 and HDFS 201.
- HDFS 429 Advanced Preschool Curriculum II** 3  
This course will address planning an emergent, integrated curriculum, including webbing, documentation, and collaboration. Philosophical underpinnings of emergent curriculum are emphasized. Prerequisite: Must have completed HDFS 428.
- 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 satisfies the GBC General Education American Constitutions and Institutions Requirement. HIST 101 and 102 need not be taken sequentially. Either class may be taken alone.
- HIST 102 U.S. History Since 1877** 3  
Survey of U.S. political, social, economic, diplomatic, and cultural development from 1877 to the present. Course satisfies the Nevada Constitution Requirement. When taken with HIST 101 satisfies the GBC General Education American Constitutions and Institutions Requirement. Can be used to satisfy the Nevada Constitution Requirement for out-of-state transfer students who have previously satisfied the United States Constitution Requirement. HIST 101 and 102 need not be taken sequentially. Either class may be taken alone.
- 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 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. This course satisfies the requirements for INT 349. Prerequisite: Must have completed 40 or more credits including one lower-division HIST course or instructor approval.
- HIST 312 The Expansion of the United States** 3  
This course will examine the expansion and growth of the United States with emphasis on westward movement and increased international presence over time. Emphasis will be placed on U.S. expansion across North America and beyond. This course satisfies the requirement for INT 349. Prerequisite: Must have completed 40 or more credits including one lower-division HIST course or instructor approval.
- HIST 341 Global China** 3  
The outward flow of Chinese culture, cash, power, and people have profoundly influenced world history for thousands of years. This course examines the history of China in a global context from the Qin era to the present with a special focus on modern times and various Chinese migrations. This course satisfies the requirements for INT 349.

Prerequisite: Must have completed 40 or more credits and have completed (ENG 102 or ENG 333) and (MATH 120 or MATH 126E or higher or AMS 310 or STAT 152).

- 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 434 Role of Cities in American History** 3  
This course explores the development, conceptualization, and historical significance of cities in the United States from the colonial era to present. Topics will include, but will not be limited to, urbanization, suburbanization, intellectual characterizations of U.S. cities, urban infrastructure, crime, cities and the environment, race relations, and diversity. Special emphasis will be given to the role of the city in U.S. history. 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 489B The Silk Roads** 3  
What was the 'Silk Road'? How did it contribute to the foundations of our global civilization? And why is China trying to revive it in the twenty-first century? This course addresses these questions by approaching world history from the East. Made up of several overland routes and sea-lanes, the Silk Roads defined and redefined the global landscape in wave after wave of transformation for more than a thousand years. The goods, religions, technologies, diseases, and political innovations that spread along the Silk Roads have left enduring imprints on diverse societies from China, Mongolia, and India, to the Middle East, Europe, and beyond. And now, with China rising again on the global stage, the history of the Silk Roads can do more than simply deepen our understanding of the past and present; it is a history that may also give us glimpses into the future. Prerequisite: Must have completed 40 or more credits and have completed (ENG 102 or ENG 333) and (MATH 120 or MATH 126E or higher or AMS 310 or STAT 152).
- HIST 489C History of Globalization** 3  
Globalization is intimately woven into our everyday lives. It affects what we wear, what we eat, what we do for world, and much more. This class examines the history of globalization in modern times by focusing on key commodities such as sugar, silver, cotton, coffee, opium, oil, etc. Examining how these and other goods have been produced, marketed, and consumed will help students understand the development of global inequalities, the relationship between trade and power, and the deep-seated human desires driving the worldwide movement of goods. Prerequisite: Must have completed 40 or more credits and have completed (ENG 102 or ENG 333) and (MATH 120 or MATH 126E or higher or AMS 310 or STAT 152).
- 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.

## 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. Must have completed all general educational courses. Prerequisite: Must have completed HMS 101, 102, 200. Must earn a "B" or higher in HMS 205 to count towards the degree program. 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 205 with a "B" or higher. Instructor permission required.
- HMS 250 Human Services Seminar 3**  
This course provides students with the fundamental aspects of program development and evaluation. Course work includes principles of effectiveness-based planning

and the steps of designing, implementing, and evaluating a human services program at the local agency level by introducing theory of program planning and significance of: needs assessments, interventions, goals and objectives, performance measures, value, cost, and other financial considerations. Prerequisite: Must have completed HMS 101 and HMS 102.

- 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 3**  
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 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 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.

## Health Sciences

**HSC 300 Statistics for Health Sciences 3**

Introduction to quantitative methods in the analysis and interpretation of data from research in the health and human sciences. Emphasis on conceptual understanding, appropriate application of tests, and interpretation of results. Prerequisite: Must have completed MATH 120 or higher with a grade of 'C' or higher.

## 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 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.

**HUM 301 Studies in Humanities 3**

An examination of various topics and subjects in the Humanities including art, literature, music, film, theater and others. Prerequisite: Must have completed 40 or more credits and have completed (ENG 102 or ENG 333) and (MATH 120 or MATH 126 or higher or STAT 152).

## Integrative Studies

**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 com-

pleted 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. ANTH 307, ANTH 332, HIST 303, HIST 341, and PSY 313 also fulfill the INT 349 requirement. 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 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 Maintenance 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 Maintenance 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 Maintenance 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 Maintenance

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 Maintenance 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 1-5.5**  
A one to five-point-five credit lecture, demonstration, and laboratory course in the study and application of boiler, conveyor, and pneumatic systems. The course will cover operation, maintenance, and repair of boiler, conveyor, 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 Maintenance 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 Maintenance 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 Maintenance 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 Maintenance 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 Maintenance 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 Maintenance 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 Maintenance 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.

**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 103 Introduction to Media and Society 3**

In this course, you will learn to observe, analyze, and critique mass and networked media using principles grounded in the social sciences. Study how media are used to inform and persuade and strengthen your ability to use media critically.

**Medical Assisting, Phlebotomy, and EKG****MAPE 110 Fundamentals of Medical Assisting I 6**

A body system approach to diseases, disorders, treatments, and associated labs, diagnostics, and pharmacology. Students will also learn nutrition, patient education, and patient life span changes per body system. Body systems included in this course are the musculoskeletal system, integumentary system, digestive system, urinary system, reproductive system, and circulatory system. Students will be introduced to phlebotomy basics, ECG, and medication administration. There are clinical hours for this course. Prerequisite: Must be accepted into the Medical Assistant with Phlebotomy Technician and EKG 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.

**MAPE 120 Fundamentals of Medical Assisting II 6**

A body system approach to diseases, disorders, treatments, and associated labs, diagnostics, and pharmacology. Students will also learn nutrition, patient education, and patient life span changes per body system. Body systems included in this course are the lymphatic system, respiratory system, nervous system, mental health, sensory, and endocrine system. Students will be introduced to phlebotomy basics, ECG, and medication administration. There are clinical hours for this course. Prerequisite: Must have completed MAPE 110 be accepted into the Medical Assistant with Phlebotomy Technician and EKG 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.

**MAPE 130 Medical Business Practices and Finances for Medical Assistants I 3**

Using simulated services, students will learn clinical, and administrative functions, basic practice finances, third-party reimbursement, and procedural and diagnostic coding. Prerequisite: Must have completed MAPE 120 and be accepted into the Medical Assistant with Phlebotomy Technician and EKG 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.

**MAPE 140 Medical Business Practices and Finances for Medical Assistants II 3**

A continuation of MAPE 130 with continued emphasis and simulated application of clinical, and administrative functions, basic practice finances, third-party reimbursement, and procedural and diagnostic coding. Prerequisite: Must have completed MAPE 130 and be accepted into the Medical Assistant with Phlebotomy Technician and EKG 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.

**MAPE 150 Laboratory Procedures for Medical Assistants 6**

Students will learn infection control, how to assist with minor procedures, and receive blood-borne pathogen training as well as responding to pediatric and adult health care emergencies. Continued application and review of labs, diagnostics, and tests. There are clinical hours for this course. Prerequisite: Must have completed MAPE 110 and MAPE 120 and be accepted into the Medical Assistant with Phlebotomy Technician and EKG 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.

## 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, emphasizing 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 or have completed MATH 20.

**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 or have completed MATH 26

with a grade of 'P'.

**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 [(MATH 126 or MATH 126E) AND MATH 127] or MATH 128 with a grade of 'C' or better or have earned a satisfactory score on the placement test, ACT, or SAT.

**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.

### Metallurgical Engineering

#### **MET 101 Introduction to Metallurgical Engineering 1-2**

This course acquaints students with the fundamentals of extractive metallurgy processes. Lectures on the course provide students with the knowledge of the key concepts of extraction and purifying metals from ores obtained through mining operations as well as secondary resources.

#### **MET 102 Introduction to Metallurgical Engineering II 1-2**

The course acquaints students with the fundamentals of extractive metallurgy processes. Lectures on the course provide students with the knowledge of the key concepts of mineral processing, extraction and purifying metals from ores obtained through mining operations as well as secondary resources. Freshman year experience course to include development of analytical skills in spreadsheets on process flowcharts relating to mining, minerals, metals, mineral processing, metallurgical operations and basic engineering principals are covered. Prerequisite: Must have completed MET 101.

### 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 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 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 BAS Leadership Capstone 3**

Drawing from all business programs of study, 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 develop a student-centered educational project of their choice to demonstrate the key aspects they have learned in the Bachelor of Applied Science in Management and Supervision. 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.

**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.

## Mine Engineering

**MINE 101 Mining Engineering I 1-2**

Freshman year experience course providing an introduction to the mining industry, the mining engineering and related disciplines and career paths for mining engineers.

**MINE 102 Mining Engineering II 1-2**

Foundational computer skills needed in upper division engineering classes including spreadsheet programming, large data analysis, engineering drawing, mathematical programming, and an introduction to mine design software. Prerequisite: Must have completed MINE 101.

**MINE 210 Mining Methods 2**

This sophomore class builds on MINE 101 and offers information on mining methods and systems with emphasis on conventional surface and underground mining methods with a brief overview of less common or novel mining methods and systems. The course discusses the various stages in the life of a typical mine (surface and underground), equipment characteristics, equipment selections, and introduces typical terminologies of surface and underground operations, providing an introduction to the mining industry, the mining engineering and related disciplines, and career paths for mining engineers. Prerequisite: Must have completed MINE 101 and MINE 102.

## 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.

## 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 sharpen-

ing, 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 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 precision 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 121 Music Appreciation** **3**  
 The historical and cultural background of music and origins to the twentieth century.

## Natural Resource and Environmental Science

**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 in Mental Health and Illness 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 child-bearing 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 5**

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 3**

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 from novice to expert. Two credits theory. 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 or be taking NURS 326 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 or be taking NURS 326 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 six (6) upper division NURS courses and be accepted to the RN-BSN program.

## 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.

## 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 135 Introduction to Ethics** 3  
 Introduction to Ethics: critical introduction to classical and modern ethical theories such as utilitarianism, deontology, and virtue ethics. Emphasis throughout on applying the theories in various contexts such as social, political, or interpersonal. The ultimate goal will be to allow students to clarify their own thinking and positions on important ethical issues confronting society today.

**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 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.

## 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 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 to 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.

## 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 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 405G International Conflict** 3  
Classical and contemporary literature on the causes of war among nations and the conditions of international peace. Prerequisite: Must have completed 40 or more credits including one 3 credit lower-division PSC.

## Psychology

**PSY 101 General Psychology** 3  
Survey of the discipline introducing psychological theories, research methods, and principles of behavior.

**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 313 Well-Being: East Meets West** 3  
 This course will cover topics pertaining to well-being from both a western psychological viewpoint, and an eastern perspective. Topics covered include, but are not limited to: positive psychology, mindfulness, joy, gratitude, cognition, spirituality, health, attachment, and emotions. The focus will be on integrating concepts from both the East and West to arrive at an understanding of what contributes to the well-being of individuals. This course satisfies the requirements for INT 349. 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).

**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** .5  
 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, suffixes, 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 character-

istics, 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 dark-room 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 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 top-

ics 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.

## Spanish

**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 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 EDM1, 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, EDM1 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 process-

ing, 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, surveys, 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 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/plot 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 Structural Oppression 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 Theoretical Perspective on Human Behavior 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.

**SW 351 The Global Context of Social Work 3**

This course examines the historical, political, and cultural contexts of contemporary global social issues and the mutually reinforcing relationship between the local and the global. The course will critically examine the economic, political, social, and cultural dimensions of globalization and the upheavals they produce for nations and people. Specific models of intervention and select approaches to social development, seen as more compatible with social work's commitment to social justice will also be examined

to determine their respective strengths and weaknesses in response to some of these contemporary social issues. In addition, the course will also raise critical questions about social work's past and present ability to address the growing challenges of an increasingly complex, integrated and interdependent world. Prerequisite: Must have completed SW 250 with a 'C' or higher. Instructor permission required.

## 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 Maintenance 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.

## Theatre

**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 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 204 Theatre Technology I 3**  
Lecture and discussion encompassing the philosophy and techniques of technical theatre.

**THTR 209 Theatre Practicum 1-6**  
Performance and production of plays for GBC's Little Theatre season.

**THTR 221 Oral Interpretation 3**  
Introduction to and practice of oral interpretation of literary and dramatic works from Shakespeare to contemporary writers and poets.

## 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.

ate 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 Maintenance 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 5.5**  
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 200 Metal Art 3**  
This course is designed to give the student the basic understanding of two dimensional 2D and three-dimensional 3D metal art. Also covered in this course we will discuss different Cutting, Welding and metal finishing techniques that are used in this discipline as it relates to metal art.

**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 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 Maintenance 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.

## 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.

W

COURSE DESCRIPTIONS

# 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
<b>Art</b>			
<b>History</b>	3, 4, or 5	ART Elective	3
<b>Studio Art</b>	3, 4, or 5	ART Elective	3
<b>Biology</b>			
	3	BIOL 100	3
	4 or 5	BIOL 190 and 191 <sup>(1)</sup>	6
<b>Chemistry</b>			
	3	CHEM 121 <sup>(1)</sup>	3
	4 or 5	CHEM 121 and 122 <sup>(1)</sup>	6
<b>Computer Science</b>			
<b>Computer Science A</b>	3, 4, or 5	CS 135	3
<b>Computer Science AB</b>	3, 4, or 5	CS Elective	3
<b>Computer Science Principles</b>	3, 4, or 5	CIT 129	3
<b>Economics</b>			
<b>Microeconomics</b>	3, 4, or 5	ECON 102	3
<b>Macroeconomics</b>	3, 4, or 5	ECON 103	3
<b>English Language and Composition</b>			
	3	ENG 101	3
	4 or 5	ENG 101 and 102	6
<b>English Literature and Composition</b>			
	3	ENG 101	3
	4 or 5	ENG 101 and ENG Elective	6
<b>Environmental Science</b>			
	3, 4 or 5	ENV 100	3
<b>French</b>			
<b>French Language and Culture</b>	3	FREN 111 and 112	6
	4	FREN 112 and 211	6
	5	FREN 211 and 212	6
<b>Geography, Human</b>			
	3, 4, or 5	GEOG 106	3

## College Board Advanced Placement Examination (CBAPE) (Continued)

Examination	Score	GBC Course Equivalent	Credit Granted
<b>History</b>			
American	3, 4, or 5	HIST 101 and History Elective <sup>(2)</sup>	6
European	3, 4, or 5	HIST 105 and 106	6
World	3, 4, or 5	HIST Elective	3
<b>Mathematics</b>			
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
<b>Music Theory</b>			
Music Theory	3, 4, or 5	MUS Elective	3
<b>Physics</b>			
Physics 1	3, 4, or 5	PHYS 151 <sup>(1)</sup>	3
Physics 2	3, 4, or 5	PHYS 152 <sup>(1)</sup>	3
Physics B	3, 4, or 5	PHYS 151 and 152 <sup>(1)</sup>	6
Physics C (Mechanics)	3, 4, or 5	PHYS 180 <sup>(1)</sup>	3
Physics C (Electricity and Magnetism)	3, 4, or 5	PHYS 181 <sup>(1)</sup>	3
<b>Political Science</b>			
U.S. Government and Politics	3, 4, or 5	PSC Elective <sup>(3)</sup>	3
Comparative Government and Politics	3, 4, or 5	PSC Elective	3
<b>Psychology</b>			
Psychology	3, 4, or 5	PSY 101	3
<b>Spanish</b>			
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

# College Board Advanced Placement Examination (CBAPE) (Continued)

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
<b>GENERAL</b>		
<b>College Composition (including essay)</b>	ENG 101, ENG 102 <sup>(1)</sup>	3 or 6
<b>Humanities</b>	HUM Elective	6
<b>College Mathematics</b>	MATH 120	3
<b>Natural Sciences</b>	Elective	6
<b>Social Sciences and History</b>	Elective	6
<b>SUBJECT</b>		
<b>Biology</b>		
<b>General Biology</b>	BIOL Elective	3
<b>Business</b>		
<b>Principles of Management</b>	MGT Elective	3
<b>Financial Accounting</b>	ACC 201	3
<b>Information Systems and Computer Applications</b>	IS 101	3
<b>Introductory Business Law</b>	BUS Elective	3
<b>Principles of Marketing</b>	MKT Elective	3
<b>Chemistry</b>		
<b>General Chemistry</b>	CHEM Elective	3
<b>Economics</b>		
<b>Principles of Microeconomics</b>	ECON 102	3
<b>Principles of Macroeconomics</b>	ECON 103	3
<b>Education</b>		
<b>Introduction to Educational Psychology</b>	EPY Elective	3
<b>English</b>		
<b>American Literature</b>	ENG Elective	3
<b>Analyzing and Interpreting Literature</b>	ENG Elective	3
<b>English Literature</b>	ENG Elective	3

## College-Level Examination Program (CLEP) (Continued)

Examination	GBC Course Equivalent	Credit Granted
<b>Foreign Languages</b>		
French Language	FREN 111 <sup>(2)</sup>	3 or 6
German Language	Elective	3
Spanish Language	SPAN 111 <sup>(3)</sup>	3 or 6
<b>History</b>		
U.S. History I: Early Colonization to 1877	HIST 101	3
U.S. History II: 1865 to the present	HIST Elective <sup>(4)</sup>	3
Western Civilization I: Ancient Near East to 1648	HIST 105	3
Western Civilization II: 1648 to the present	HIST 106	3
<b>Human Development and Family Studies</b>		
Human Growth and Development	HDFS 201	3
<b>Mathematics</b>		
Calculus	MATH 181	4
College Algebra	MATH 126	3
Precalculus	MATH 128	5
<b>Political Science</b>		
American Government	PSC Elective <sup>(5)</sup>	3
<b>Psychology</b>		
Introduction Psychology	PSY 101	3
<b>Sociology</b>		
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 DAN TES (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
<b>General Anthropology (494)</b>	47	ANTH Elective	3
<b>Business Mathematics (812)</b>	400	MATH General Education*	3
<b>Fundamentals of Algebra (424)</b>	400	MATH 96	0
<b>Principles of Statistics (450)</b>	400	STAT 152	3
<b>Technical Writing (820)</b>	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
<b>Anthropology (Social/Cultural)</b>	4+	ANTH Elective	3
<b>Biology</b>	4 or 5 6 or 7	BIOL 100* BIOL 190 and BIOL 191*	3 6
<b>Business Management</b>	4+	BUS 101	3
<b>Chemistry</b>	5 6 or 7	CHEM 121* CHEM 121 and CHEM 122*	3 6
<b>Computer Science</b>	5, 6, or 7	CS 135	3
<b>Economics</b>	4 or 5 6 or 7	ECON 102 ECON 102 and 103	3 6
<b>English (Lang A1)</b>	4 5, 6, or 7	ENG 101 ENG 101 and ENG Elective	3 6
<b>French Language</b>	4 or 5 6 or 7	FREN 211 FREN 211 and 212	3 6
<b>Geography</b>	5+	GEOG 106	3
<b>German Language</b>	4, 5, 6, or 7	HUM Elective	9
<b>History of Africa</b>	5+	HIST Elective	6
<b>History of the Americas</b>	5+	HIST 101 and HIST Elective**	6
<b>History of Europe</b>	5+	HIST 105 and 106	6
<b>History of Islam</b>	5+	GEOG Elective	3
<b>Info Tech in Global Society</b>	5+	IS Elective	3
<b>Mathematics</b>	5, 6, or 7	MATH 181	4
<b>Music</b>	5+	MUS Elective	3
<b>Philosophy</b>	4+	PHIL 101	3
<b>Physics</b>	5 6, 7	PHYS 151* PHYS 151 and 152*	3 6
<b>Political Science (Global Politics)</b>	5, 6, 7	PSC 231	3
<b>Psychology</b>	4+	PSY 101	3
<b>Spanish Language</b>	5, 6 or 7	SPAN 211 and 212	6
<b>Theatre Arts</b>	5+	THTR 100	3
<b>Visual Arts</b>	4+	ART Elective	3

## International Baccalaureate (IB) Examination (Continued)

Examination	Score	GBC Course Equivalent	Credit Granted
<b>Standard Level Exams</b>			
<b>French Language</b>	5+	FREN 111 and 112	6
<b>German Language</b>	5+	HUM Elective	6
<b>Japanese Language</b>	5+	HUM Elective	6
<b>Physics</b>	5+	PHYS 100*	3
<b>Spanish Language</b>	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

Ahlvers, Jenny .....2023 Education Instructor M. Ed.—University of Nevada, Reno	Brick, Jason .....2020 Student Transfer Coordinator MA—Marshall University BA—Marshall University	Cortes, Aliya .....2023 Child Center Lead Teacher
Allen, Cassie .....2024 Nursing Instructor AS—Salt Lake Community College AAS—Salt Lake Community College BSN—Western Governors University MSN—Nebraska Methodist College	Bruns, Thomas.....2008 Maintenance Technology Instructor AAS — Great Basin College	Cowan, Robert.....2023 Management and Marketing Instructor BS—Kaplan University MPA—American Public University MSW—Capella University Ed.D.—Argosy University
Andersen, Eric .....2018 Manufacturing Technology Supervisor/ Instructor Diploma—Madison Area Technical College	Calkins, Byron.....2014 Land Surveying/Geomatics Professor AS—Lyndon State College BS—New Mexico State University MAG—New Mexico State University	Crouch, Stacy.....2015 Nursing Professor AAS—Great Basin College BSN—Great Basin College MSN—Walden University DPN—Grand Canyon University
Antonini, David.....2022 Philosophy Instructor Ph.D. - Southern Illinois University	Callander, Dorothy.....2019 Nursing Professor AS—Los Angeles Trade Technical College BSN—Western Governors University MS—Western Governors University DNP—Touro University	Crum, Tawny .....2003 Assistant Director of Financial Aid AAS—Great Basin College
Arbillaga, Madison .....2018 Computer Technologies Instructor M. Ed.—American College of Education BA—Great Basin College	Cannedy, Tonya .....2023 Dual Enrollment Coordinator AGS—Great Basin College	Dankowski, Brian.....2020 Nursing Instructor AA—Great Basin College AAS—Great Basin College BSN—Great Basin College MSN—University of Nevada, Reno DNP - University of Nevada, Reno
Armstrong, Elizabeth .....2024 Nursing Navigator MA—Southern Utah University BA—Southern Utah University	Cannon, Amber .....2023 Electrical Instructor AAS—Great Basin College	Davis, Stephanie.....2010 Psychology Professor BEd—University of Calgary MS—Brigham Young University
Asti, Anthony.....2024 Executive Director Finance & Administration MBA—University of Dayton	Carlson, Jamie .....2021 Paramedic Coordinator AS—Utah Valley University BS—Utah Valley University	Debenham, Laura .....2017 Social Work Professor BA—Eastern Illinois University MSW—Walla Walla University
Baker, Hillary .....2022 Associate Director of Development BA—University of Nevada, Reno	Castaneda-Saldana, Berenice.....2023 Child Center Assistant Teacher	Donnelli, Amber .....2006 Interim President AAS-Great Basin College BSN—University of Phoenix MSN—University of Phoenix PhD—University of Nevada, Las Vegas
Baker, Sheri .....2006 Senior Generalist	Castonguay, Trina.....2022 Assistant to the Vice President for Student Affairs BA - University of Nevada, Reno	Dorsa, Mardell.....2000 Assistant to the President AAS—Great Basin College
Beard, Sheree.....2023 Grant and Asset Coordinator	Coates, Kara .....2004 Biology Instructor AS—John A. Logan College AAS—John A. Logan College BA—Southern Illinois University, Carbondale MS—Montana State University	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 Ed.D.—Grand Canyon University
Beasley, Tim .....2009 Technician AS—Brigham Young University BS—Boise State University	Coleman, Rebecca .....2021 Director, Winnemucca Center AA—South Puget Sound Community College BA—Washington State University BS—Western Governors University MBA—Western Governors University	Du, Xunming.....2003 Mathematics Professor BS—Hubei University MA—Tongji Medical University MS—Ohio University
Beck, Stefan.....2016 Technical Mathematics Instructor BS—University of Nevada, Reno MS—University of Nevada, Reno	Cooley, Nick.....2018 English Professor PhD—University of Iowa MA—University of Iowa MA—University of Idaho BA—University of Alaska, Southeast	Ellis, Jeremy.....2021 Multimedia and Marketing Specialist
Beecher, Michelle.....2021 Education Instructor M. Ed—Sierra Nevada College	Cooney, Anthony .....2023 Electrical Instructor AAS - Great Basin College	
Bellander, Jessica.....2022 Nursing Instructor		
Bentley, Susanne .....2004 English Professor AA—Lake Tahoe Community College BGS—Indiana University MA—University of Nevada, Reno		

Fadenrecht, Karissa .....2023 Child Center Assistant Teacher	Hunton, Robert.....2018 Electrical Instructor AAS—Great Basin College AAS—College of Southern Nevada	Lopez, Karina .....2023 Student Advisor BA—University of Nevada, Reno MSW—University of Nevada, Reno
Foster, Jonathan .....2012 History Professor BA—University of Alabama at Birmingham MA—University of Alabama at Birmingham PhD—University of Nevada, Las Vegas	Husbands, Michelle .....2015 Nursing Professor BSN—California State University, Dominguez Hills MSN—University of California, Los Angeles DNP—Grand Canyon University	Loya, Abigail .....2024 Instrumentation Instructor AAS—Great Basin College
Freistroffer, David .....2007 Life Sciences Professor BS—California State Polytechnic University, San Luis Obispo PhD—Uppsala University-Sweden	Huttman, Reme .....2016 Radiology Professor AS—Boise State University BS—Boise State University MEd—Grand Canyon University	Lynch, Jessica.....2017 Nursing Instructor AAS—Great Basin College BSN—Great Basin College MSN—Western Governors University DNP—University of Nevada, Reno
Gerber, Melissa .....2021 Nursing Lab/NNRH Education Coordinator AAS—Great Basin College BSN—Great Basin College MSN—Western Governors University	Jimenez, Alberto.....2019 Interactive Video and Classroom Technology Director BS—TESO (Guadalajara, Mexico) PMP—Project Management Institute	Macfarlan, Lynette.....2000 Early Childhood Education Professor AA—Great Basin College BA—Sierra Nevada College MS—Walden University
Gilliland, Terry .....2019 Welding Technology CTE Lab Assistant	Johnson, Gina.....2021 CNA Program/Nursing Coordinator AAS—Great Basin College BSN—Great Basin College	Maher, Nicole.....2022 Director, Grants BGS—Brigham Young University MA—Kent State University
Gonzales, Brenda.....2012 ABE/ESL Specialist AAS—Great Basin College	Johnson, Jessica.....2019 CTE Teaching Assistant/Recruiter/Advisor AA—Great Basin College BA—Great Basin College	Maple, Leslie .....2023 Executive Director, Institutional Advancement BA—University of Nevada, Reno
Green, John .....2019 Asst. Veterans Resource Center Coordinator AA—College of the Siskiyous BA—Great Basin College	Jones, Donald .....2011 Computer and Classroom Technology Technician AS—Great Basin College BAS—Great Basin College	Massie, Sarah .....2024 Communications Director BA—Curtin University of Technology
Hamilton, Deanna .....2012 Assistant Registrar	Keep, Malia .....2018 Nursing Professor BS—California State University, Fresno MSN—California State University, Fresno	McGhee, Michael .....2017 Student Advisor AS—Great Basin College BA—Great Basin College
Hawkley, Ethan.....2019 Social Science Professor BA—Brigham Young University MA—Northeastern University Ph.D.—Northeastern University	Kendall, James.....2023 Director of Student Life and Housing BBA—Florida International University MS—University of Miami	McQueen, Desiree .....2024 Alignment and Work-Based Learning Coordinator
Hawkley, Rebecca .....2022 English Instructor BA — Boise State University MA — Brigham Young University, Idaho	Kleeb, George.....2012 Business Professor BA—Chadron State College MBA—Western Governors University	McRae, Monte.....2024 Science Laboratory Coordinator
Heath, Kristin .....2022 Academic Success Center Director EdD—Boise State University	Lackey, Sam .....2018 English Professor BA—University of South Carolina MA—College of Charleston PhD—University of South Carolina	Meisner Bruno, Caroline.....2005 Earth/Physical Sciences Professor BA—Franklin and Marshall College MS—Oregon State University
Hernandez, David .....2014 Computer Services Technician	LaSalle Walsh, Meachell .....2000 Director, ABE/ESL Workplace Literacy BA—University of Idaho MA—University of Texas	Mendez, Adriana .....2006 Academic Advisor/Student Advocate BS—Westminster College
Hiles, Dwaine .....2004 Director Certificate—DeVry University	Leyba, Sam .....2018 Electrical Systems Technology Instructor	Mette, Tami .....2007 Nursing Professor BSN—University of Wyoming MSN—University of Phoenix PhD—Touro University Nevada DNP—Touro University
Hinton-Rivera, Jake.....2018 Vice President for Student and Academic Affairs BA—Clayton State University MLA—Fort Hays State University	Li, Di.....2022 Computing and Technologies Instructor BS—Shandong University MS—University of Nevada, Reno	Millican, Mary .....2023 CTE Instrumentation Lab Assistant AAS—Great Basin College BAS—Great Basin College
Hrdlicka, Steven.....2022 Humanities/English Instructor BA—University of Nevada, Las Vegas MA—University of Nevada, Reno Ph.D.—University of Nevada, Las Vegas		Minnier, Gary .....2023 Diesel Instructor
Huerta, Mariana .....2023 Child Center Lead Teacher		

Mittelman, John .....2023 Paramedic Instructor AS — Utah Valley University BS — Utah Valley University	Potter, Tami .....2009 Accounting Manager BBA—Idaho State University MBA — Western Governors University	Smith, Amy.....2023 CTE Student Advisor/Placement Coordinator AAS — Great Basin College BSW — University of Nevada, Reno
Morris, Duncan.....2021 CTE Electrical Lab Assistant	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	Smith, Cary.....2024 OnBase Administrator and IT Analyst
Murphree, Daniel T.....2016 Mathematics Professor BS—Berry College BS—Utah State University MS—Utah State University	Quijada, Roger.....2012 Specialist AS—Great Basin College BS—Great Basin College	Snow, Katie.....2024 Coordinator/Instructor of Clinical Education AS—Springfield Technical Community College BS—University of Nevada, Reno BSN—University of Nevada, Reno
Naungayan, Yvonne .....2022 Instructional Designer AS — John Brown University BS — John Brown University MBA — John Brown University	Rice, John .....1996 Theater Professor BA—Viterbo College (WI) MFA—University of Wisconsin, Milwaukee PhD—Capella University	Soni, Sonika.....2023 Student System Analyst
Nichols, Matt .....2015 Welding Instructor AAS—Great Basin College	Rikalo, Trevor .....2022 Student Recruiter BA — University of Nevada, Reno	Stanfill, Jason .....2023 Millwright Instructor
Nielsen, Brandy .....2011 Economics/Finance Professor AA—Great Basin College BAS—Great Basin College EMBA—University of Nevada, Reno	Salazar, Erica.....2022 Medical Imaging Instructor AAS — Great Basin College	Staszak, Shelia .....2023 Radiology Clinical Coordinator/Instructor BS—Weber State University
Nielsen, Scott .....2000 Director, Student Financial Services BS—Brigham Young University MBA—University of Nevada, Reno	Salute, Christopher .....2023 Director, Pahrump Center BA—Siena College MBA—Molloy College Ph.D.—Hofstra University	Stevens, Karl.....2019 Dean, Online Education AA—Dixie State College BA—Southern Utah University MBA—Utah State University Ph.D.—Utah State University
Noah, Kimberly .....2020 Education Instructor BS—Edinboro University of Pennsylvania MS—Fordham University	Sawyer, Frank .....2013 Web Master BFA—University of Nevada, Reno	Stieger, Jennifer.....2017 English Instructor AA—Great Basin College BA—Great Basin College MA - Arizona State University
O'Donnell, Eleanor .....2018 Assistant to the Vice President of Academic Affairs AS—Great Basin College	Schoening, Holly.....2024 Nursing Instructor BSN - Great Basin College	Straight, Ronald.....2020 English Instructor Ph.D.—University of Texas at El Paso
Ogle, Amber .....2023 Child Center Director AAS—Great Basin College AA—Great Basin College BAS—Great Basin College EMBA—University of Nevada, Reno	Scilacci, Steven .....2011 Welding Technology Instructor AAS—Great Basin College	Stugelmayer, Jim .....2012 Instrumentation Technology Instructor Cert—JM Perry Technical Institute
Owen, Earl.....2011 Diesel Technology Instructor AS—Brigham Young University, Idaho BS—Idaho State University	Seipp, Kevin.....2016 Electrical Technology Professor AGS—Great Basin College	Subedi, Krishna.....2021 Math Instructor MA—University of Toledo Ph.D.—University of Toledo
Padgett, Todd .....2020 Construction/HVAC Instructor AA—Victor Valley College	Senecal, Brandis .....2012 Institutional Effectiveness Research Analyst AA—Great Basin College BA—Great Basin College	Sweat, Arysta .....2020 Student Disability Services Coordinator MS—West Virginia University MA—Marshall University BA—Marshall University
Padilla, Denise .....2017 Elementary Education Professor M. Ed—Grand Canyon University BA—Southern Utah University	Sexton, Dave .....2016 Criminal Justice Professor AA—Bellevue Community BA—Evergreen State College MA—University of Alaska, Fairbanks	Thomas, Briseyda .....2021 Child Center Assistant Teacher
Pitts, Shemayne.....2019 Director, Ely Center BS—Brigham Young University	Sida, Oscar .....2016 Health Services Professor AGS—College of Southern Nevada BA—University of Nevada, Las Vegas MS—University of Nevada, Las Vegas	Tolbert, Thomas.....2021 Instrumentation Instructor BAS — Great Basin College
		Travlos, Konstantinos.....2022 Political Science Instructor Ph.D. — University of Illinois at Urbana, Champaign
		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  
 Dean Health Science and Behavior Health  
 BSN—University of Nevada, Reno  
 MSN— University of Nevada, Las Vegas  
 Ph.D.—University of Northern Colorado

Wasala, Milinda.....2019  
 Physics Professor  
 Ph.D.—Southern Illinois University at  
 Carbondale  
 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 Cumberland

Whittaker, Norman.....2006  
 Industrial Maintenance Technology Professor  
 AAS—Southern Utah University  
 BS—Southern Utah University

Winrod, Jeffrey .....2023  
 Facilities Operations Director

Young, Dewey.....2024  
 CDL Instructor

Zeisler, 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 BS—University of Nevada, Reno MA—University of Nevada, Reno	Diekhans, Carl .....Vice President Emeritus Mathematics Professor Vice President for Administrative Services BS—College of Great Falls MS—Montana State University	Hogan, Douglas. ....Emeritus Biology/Chemistry Professor BS—California State Polytechnic College MS—California State Polytechnic College
Avent, Gary* .....Emeritus Director, Library BA—Central State College MLS—University of Oklahoma	Elliott, Betty .....Emeritus Life Sciences Professor BS—University of Nevada, Reno MS—University of Nevada, Reno EdD—University of Nevada, Reno	Holland, Ruth .....Emeritus Nursing BS—University of Cincinnati MSN—University of Utah
Bagley, Peter .....Emeritus Life Sciences Professor BS — University of Maryland, College Park MS — University of Kentucky	Emerson, Amy .....Emeritus Mathematics BA—University of South Dakota MATM—University of Nevada, Reno	Howell, Mary Teresa .....Emeritus English Professor BA—University of North Dakota MA—University of North Dakota
Bailey, Jeannie.....Emeritus Grants Director BA — Eastern Oregon University MBA — University of Nevada, Reno	Fox, Patricia.....Emeritus Art Professor BFA—University of Nevada, Las Vegas MFA—Utah State University	Hyslop, Cindy .....Emeritus Computer Technologies Professor BS—Western Montana College MS—Boise State University
Barton, Richard .....Emeritus Welding Professor AAS—Northwest Community College	Frazier, Lisa .....Emeritus Associate Vice President for Distance Education M.ED- Lesley University BA- Utah State University	Hyslop, Larry .....Emeritus Computer Technologies Professor BA—University of Montana MA—University of Montana
Berg, William* ..... President Emeritus BS, MS—University of Wisconsin EdD—University of Arizona	Garcia, Steve .....Emeritus Electrical Technology Professor AS—Dixie College BS—Northern Arizona University MVE—Northern Arizona University	Kilpatrick, Paul ..... President Emeritus President
Borino, Dick.....Emeritus Diesel Technology Professor Diploma—Wyoming Technical Institute AA—Great Basin College	Gonzales, Danny.....Emeritus Social Sciences Professor BA — University of Nevada, Reno MA — University of Nevada, Reno Ph. D — University of Nevada, Reno	King, Janice .....Emeritus Director of Admissions and Registrar BA—University of California, Los Angeles MA—California State University, San Diego
Byram, Robert .....Emeritus Electrical Technology Professor	Greenhaw, Charles* .....Dean Emeritus BA—University of North Texas MA—University of North Texas PhD—University of Nevada, Reno	Kuhl, Marilee* .....Emeritus Nursing Professor BSN—South Dakota State University MSN—Idaho State University
Call, Dorothy .....Emeritus Office Administration Instructor BS—Indiana State University	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	Licht, Jon .....Emeritus Welding Technology Professor BS—Northern Montana College
Campbell, Lisa .....Emeritus Winnemucca Center Director BS—Santa Clara University MA—Santa Clara University	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	Mahlberg, Lynn .....Vice President Emeritus Vice President for Academic and Student Affairs /Title IX Coordinator/Administrative Officer / Student Conduct Officer AAS—Yuba Community College BS—California State University, Chico MBA—Golden Gate University, San Francisco
Charlebois, Wendy .....Emeritus Social Work Professor BS—University of Maryland University College MSW—University of Nevada, Reno	Heberer, Garry.....Emeritus Dean of Extended Studies BA—William Penn College MA—University of South Dakota PhD—Ohio University	Martin, Karen .....Emeritus Social Sciences Professor AA—Rick's College BS—Utah State University MS—Oregon State University
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	McFarlane, Michael. Vice President Emeritus Vice President for Academic Affairs AB—Humboldt State University MS—University of Nevada, Reno PhD—University of Nevada, Reno
de Braga, Angela.....Emeritus Director of Continuing Education/Community Outreach BS — University of Nevada, Reno M.Ed — University of Nevada, Reno		McMullen, Cyd .....Emeritus History/Humanities Professor BA—University of Colorado MA—University of Utah PhD—University of Nevada, Reno

McNally, Richard* .....Emeritus English Professor BA—University of Nevada, Las Vegas MA—University of Nevada, Las Vegas	Smith, Georgeanna .....Emeritus Director, Nursing BSN—Montana State University BS—Utah State University MEd—University of Nevada, Reno MSN—Idaho State University
Moore, Janie .....Emeritus Assistant to the Vice President for Academic Affairs Certificate of Achievement— Great Basin College	Smith, Jack .....Emeritus Humanities/Social Sciences Professor BA, MA, PhD—University of Utah
Murphy, Bret .....Emeritus Dean, Business and Technology BS—Montana State University, Northern MEd—University of Nevada, Reno	Sweetwater, Sarah* .....Emeritus Art Professor BS—West Texas State University MEd—University of Utah
Myrhow, Michael* .....Emeritus Computer Technologies Professor BA—University of Montana MS—Kansas State University	Swetich, Mary .....Emeritus Director, Ely Center BS—Colorado State University
Newman, John .....Emeritus Mathematics Professor BS—University of Nevada, Reno MEd—University of Nevada, Reno PhD—University of Nevada, Reno	Theriault, Stephen J. ....Emeritus Management and Marketing Professor AA—Citrus College BS—University of Phoenix MBA—University of Nevada, Reno
Nickel, Ed.....Emeritus Computer Technologies Professor BA—Kansas State University MLS—Emporia State University	Uhlenkott, Linda .....Emeritus English Professor BS—Lewis-Clark State College MA—University of Nevada, Las Vegas PhD—University of Nevada, Reno
Owens, Lynne .....Emeritus Mathematics Professor BS — Montana State University, Bozeman MS — Montana State University, Bozeman	Warren, Pat .....Emeritus Director, Continuing Education BS—California State Polytechnic University, San Luis Obispo MEd—University of Nevada, Reno
Popeck, Stan* .....Emeritus Director, Occupational Education BS—University of Wyoming	*Deceased
Ports, Mark .....Emeritus Life Sciences Professor BS—Oklahoma State University MS—Ft. Hays State University	
Pryor, John .....Emeritus Business Administration Professor BA—Williams College MBA—Babson Institute	
Puccinelli, Margaret A. ....Emeritus BSN and A D N Professor BSN—University of California, San Francisco MSN—University of California, San Francisco PhD—Capella University	
Shaw, Joyce .....Emeritus Graphic Designer/Editor Manager, Media Services BS—University of Nevada, Reno	
Skivington, Gretchen .....Emeritus Romance Languages Professor Ph.D.- University of California, Davis MA- University of Nevada, Reno BA- University of California Berkley	

# Part-Time Instructors

Anderson, Allison  
BS—Columbia Southern University

Bagley, Peter  
MS—University of Kentucky

Bailey, Emily  
M.Ed. — University of Nevada, Reno

Bandiero, Anthony  
BS—Harvard University

Barainca, Justin

Basanez, Skyler  
BS—Oregon Institute of Technology

Binger, Marie

Boudinot, Dominique

Brown, Lisa

Carbon-Mendoza, Traci  
M.Ed—University of Nevada, Reno

Charlebois, Wendy  
MSW—University of Nevada, Reno

Church, Jill  
BS—University of Nevada, Reno

Casady, Summer

Casco Espinoza, Ericka  
AAS — St. Catherine University

Charlebois, Wendy  
MSW—University of Nevada, Reno

Cherland, Summer M.  
Ph.D.—University of Nevada, Las Vegas

Coleman, Erin

Collier, Erin R.  
BA—Great Basin College

Cripps, Leah

Dalstra, Jacob

Day, Amber

de Braga, Joe D.  
MA—University of Nevada, Reno

Delaney, Cynthia  
MA—Lesley University

Doucette, Joseph

Drussel, Peggy  
AAS—Great Basin College  
BSN—Great Basin College  
MSN—Grand Canyon University

Dullum, Jessica  
BSN—Great Basin College

Elmore, Diane  
Ph.D.—University of Nevada, Las Vegas

Farnsworth, Jason  
MBA — Western Governors University

Farrell, Carol

Frazier, Lisa C.  
M.Ed—Lesley College

Gavorsky, Michelle  
MS—Western Governors University

Gilboy, James

Guthrie, James  
MED—University of Idaho

Hardy, Michael

Hite, Conner  
BS—University of Alaska, Fairbanks

Holt, Chantel  
Alternative Route to Licensure Certificate—  
Great Basin College

Horton, Dawn  
BSN—Great Basin College

Ingles, Allison  
MS—Washington State University

Ingram, Martin

Johnson, Brady

Johnson, Mica

Johnston, Heidi  
AAS —Great Basin College  
DNP—Boise State University  
BSN—University of Phoenix  
MSN—University of Phoenix

Jolley, Sarah

Keranen, Diana

Kirby, Joshua  
BS—Great Basin College

Klassen, Diane

Kolsch, Kirstin  
BS—University of Utah

Kunkel, Bernadette B.  
MS—University of Phoenix

Lefebver, Amberlia

Lords, Paul O.  
Ph.D.—Capella University

Lovell, Walt

Lucero, Billie

Macias, Rebecca  
BS—University of Mary Hardin-Baylor

MacRae, Marie  
M.Ed — University of Montana

Martin, Tricia  
M.Ed — Grace College of Theological  
Seminary

Martin, Kylie

Martinez, Tori  
MS—Grand Canyon University

Dr. Masialeti Masialeti

McGregor, Alissa  
MS—Western Governors University

McKinney, Kevin  
BS—University of Oklahoma

Medrano, Daisy  
BSN — Great Basin College

Melendez, Kelley  
MS—Western Governors University

Mierins, Gail

Mittelman, Kirk  
M.Ed—Utah State University

Moore, Curtis  
JD—University of Oregon

Mowery, Justin

Murphree, Caroline  
BS—Utah State University

Murphy, Christopher J.  
MS—Bemidji State University

Nalivka, Courtney  
BS, University of Idaho

Nash, Andrew  
BS—California Baptist University

Noorda, Don

O’Flaherty, Melony  
MS—University of Nevada, Reno

Owen, Lynette

Park, Jisook  
DM—University of Wisconsin-Madison

Phillips, Patricia  
AA—Laramie Community College

Plager-Heard, Heather C.  
BS—Boise State University

Ramirez, Kelsey  
AAS—Great Basin College

Rappa, Gail P.  
AA—Great Basin College

Raynor, Wendy A.  
MS—University of Nevada, Reno

Reimer, Phillip  
Reynolds, Jonathan

Rosoff, Jared

Rowan, Suzanne

Rudkin, Casey  
PH.D—Michigan Technological University

Ryan, Jennifer C.  
BA —University of Nevada, Las Vegas

Safford, Charlie  
MA—University of Southern Mississippi

Schmidt, Sandra  
M.Ed—University of Alaska, Fairbanks

Schoening, Holly

Scott, Greta

Sellers, Luke  
MA, University of Idaho  
BA, University of Nevada, Reno

Siri, Lucretia

Snyder, John

Sorensen, John

Spear, Robert  
MS—South Dakota School of Mines and  
Technology

Steel, Heather  
MAG—Colorado State University

Steele, Carolin

Strickland, Dawn

Strong, Katie  
BSN—Great Basin College

Vasquez, Audrey  
BS—Southern Oregon University  
Valez, Mackenna

Walker, Matthew  
Pharm—Idaho State University

Wang, Junyi  
MS—Western Kentucky University

Ward, Joseph

Williams, Charlie  
Ph.D.—Capella University

Wilis, Kim

Winters, Michel  
BSN—Great Basin College

Yarrell, Donna  
MFA—Claremont Graduate 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, 775.327.2234

Assistance with Substance Abuse  
Leonard Center for Student Life  
775.327.2336

Audio-Visual Equipment  
Lundberg Hall, 775.327.2158

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  
Community Outreach Center, 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  
Communications, Lundberg Hall  
775.327.2149  
Evenings: GBC Library 775.327.2122

Dean of Health Science and Human Services  
William N. Pennington Health Science and  
Technology Building, Winnemucca Center,  
116  
775.327.5869

Deferred Payments  
See Payments Plans  
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  
775.327.5350

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

Executive Director Mining Center & Workforce  
Development  
775.327.2286

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  
775.327.8290

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,

**Interactive Video**  
High Tech Center, 775.327.2174

**Library**  
McMullen Hall, 775.327.2122

**Life Sciences**  
Lundberg Hall, 775.327.5262

**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, 775.327.2137

**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  
775.327.5210

**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, 775.327.5262

**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**  
See Activities

**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

**Title IX Investigator**  
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**  
[www.gbcnv.edu](http://www.gbcnv.edu)

**Winnemucca Center**  
5490 Kluncky Canyon Road  
Winnemucca, NV 89445  
775.327.8200

## **FAX Directory**

Academic Affairs Office 775.327.5131	Crescent Valley, 89821 775.635.2318 (w) 775.635.0340 (f)
Admission Advising and Career Center 775.327.5071	Ely Center, 89301 775.327.5350(w) 775.327.5281 (f)
Admissions and Records Office 775.327.5071	Esmeralda County 775.272.2000 (w) 775.727.2012 (f) Dyer, 89010 Goldfield, 89013 Silverpeak, 89047
Buildings and Grounds 775.327.5084	
Child and Family Center 775.327.5092	
Continuing Education 775.327.5316	Eureka, 89316 775.327.5350(w) 775.327.5281 (f)
Controller's Office 775.327.2195	Gabbs, 89409 775.272.2000 (w) 775.727.2012 (f)
Financial Aid 775.327.5105	Hawthorne, 89415 775.623.4824 (w) 775.623.1812 (f)
Follett Bookstore 775.327.5130	Jackpot, 89825 775.327.2174
Human Resources 775.327.5273	Lovelock, 89419 775.623.4824 (w) 775.623.1812 (f)
Interactive Video 775.327.5037	McDermitt, 89421 775.623.4824 (w) 775.623.1812 (f)
Lundberg Hall /Communications 775.327.5301	Owyhee, 89832 775.757.3025 (w) 775.757.2290 (f)
President's Office 775.327.5131	Pahrump Valley Center 775.327.5210 (w) 775.327.5167 (f)
Science 775.327.5262	Panaca, 89042 775.327.5350(w) 775.327.5281 (f)
Security 775.327.5273	Round Mountain, 89045 775.272.2000 (w) 775.727.2012 (f)
<b><u>Campus Centers and Satellites</u></b>	
Armogosa, 89020 775.272.2000 (w) 775.727.2012 (f)	Tonopah, 89049 775.272.2000 (w) 775.727.2012 (f)
Alamo, 89001 775.272.2000 (w) 775.727.2012 (f)	Wells, 89835 775.327.2174 (w) 775.752.3590 (f)
Austin, 89310 775.635.2318 (w) 775.635.0340 (f)	Wendover, 89833 775.327.2174 (w) 775.644.2287 (f)
Battle Mountain, 89820 775.327.8200 (w)	Winnemucca Center, 89445 775.327.8200 (w)
Beatty, 89003 775.272.2000 (w) 775.727.2012 (f)	
Carlin, 89822 775.754.6317 (w)	

# Index

## A

Absences from Classes 75  
    Excessive 75  
    Holiday 75  
Academic Advisement 59, 64, 73  
Academic Advisor 30, 59, 75, 141  
Academic Computing 60  
Academic Freedom and Responsibility 18  
Academic Honesty 30, 174, 223  
Academic Standards 64, 75-79  
Academic Success Center 15, 24, 25, 28, 60,  
    106, 177, 229, 283  
Access Grant 70  
Accommodations for Students with  
    Disabilities 21, 23, 24, 58, 64  
Account Holds 67  
Accounting 98,  
Accreditation 17, 92, 141, 156, 173, 223  
    Allied Health Education Programs 176,  
    188, 193, 195  
    Commission for Education in Nursing  
    17, 182, 185  
    Council on Social Work Education 226  
ACT 22, 23, 24, 25, 26  
Adds, Drops, Changes to Registration 64  
Admission 21-32  
Admission Advising and Career Center 21,  
    58, 64, 289  
Adult Basic Education (ABE) 61, 283  
Adult High School Diploma Program 28, 61,  
    283  
Adult Learning Center 28  
Advisement  
    Mandatory 30  
    Report 58, 64, 73  
Advisory Council 10  
Affirmative Action Officer 50  
Alcohol and Drugs 55  
Alternative Route to Licensure Program 168  
    Early Childhood Education 169  
    Elementary Education 169  
    Secondary Education 170  
    Special Education 170  
Appeals 33, 34, 38, 48, 51, 62, 64, 68, 73  
    Grade 78  
    Financial Aid 73  
Apply for Admissions 22  
Apply for Financial Aid 70  
Assistance with Substance Abuse 55  
Associate Degrees 87  
    Earning Multiple 87  
Associate of Applied Science Degrees 88  
    Accounting 98  
    Business Administration, General  
    Business 100  
    Computer Technologies 126  
    Computer Programming 127  
    Network Specialist 128  
    Office Technology 130  
    Web Development 134  
    Criminal Justice 219

Diesel Technology 109  
Early Childhood Education 135  
    Early Childhood Emphasis 137  
    Infant/Toddler 138  
Electrical Systems Technology 113  
Emergency Medical Services, Paramedic  
    179  
Human Services 202  
Industrial Maintenance Technology 120  
Manufacturing Machining  
    Technology 123  
Nursing 182  
Welding 125  
Associate of Applied Science Requirements 88  
Associate of Arts Degrees 89  
    Business Administration 101  
    Early Childhood Education 139  
    English 171  
    Social Science 221  
Associate of Arts Requirements 89  
Associate of General Studies 90  
Associate of Science Degrees 90  
    Biological Sciences 211  
    Engineering and Physical Science 213  
    Geoscience 215  
    Land Surveying/Geomatics 207  
    Radiologic Sciences 190  
    Natural Resources 217  
Associate of Science Requirements 90  
Auditing Classes 75

## B

Bachelor of Applied Science Degrees 91  
    Digital Information Technology 131  
    Human Services 203  
    Instrumentation Technology 116  
    Land Surveying/Geomatics 209  
    Management and Supervision 104  
Bachelor of Applied Science Requirements 91  
Bachelor Degree 91  
    Earning Multiple 91  
    Maintaining Good Standing 93  
Bachelor of Science  
    Biological Sciences 212  
    Diagnostic Medical Sonography 193  
    Nursing 185  
Biological Sciences 211  
Board of Regents 9  
Bulletin Board Posting 56  
Bullying and Cyber Bullying 52  
Business 97  
Business and Industry, Classes 61  
Business Degrees 97-105  
    Business Administration, General  
    Business (AA) 101  
    Business Administration, Accounting  
    Emphasis (AAS) 98  
    Business Administration, General  
    Business (AAS) 100  
    Management and Supervision (BAS)  
    104

Human Resources (CT) 103  
Business Administration, General  
    Business (CT) 99  
Bystander Intervention 53

## C

Calendar 7  
    Reference 8  
Campus Crime Statistics Act 39, 41, 48, 52, 53  
Campus Map, Elko 229  
Campus Security Act 4, 53  
Campus Sex Crimes Prevention Act 53  
Campus Tours 64, 283  
Career and Technical Education  
    Associate of Applied Science  
    Diesel Technology 108  
    Electrical Systems Technology 113  
    Industrial Maintenance Technology  
    120  
    Manufacturing Machining  
    Technology 123  
    Welding Technology 125  
Bachelor of Applied Science  
    Instrumentation Emphasis 116  
Certificate of Achievement  
    Diesel Technology 108  
    Electrical Systems Technology 111  
    Industrial Maintenance Technology  
    118  
    Instrumentation 115  
    Manufacturing Machining  
    Technology 122  
    Welding Technology 124  
    Electrical and Instrumentation 110  
CTE College Credit 24, 87, 91, 124, 125, 283,  
    289  
Certificate of Achievement 88  
    Diesel Technology 108  
    Early Childhood Education Early  
    Childhood Emphasis 136  
    Electrical Systems Technology 111  
    Emergency Medical Services 178  
    General Business 99  
    Human Resources 103  
    Human Services 201  
    Industrial Maintenance Technology  
    118  
    Instrumentation Technology 115  
    Manufacturing Machining Technology  
    122  
    Medical Assisting, Phlebotomy, and  
    EKG 188  
    Medical Coding and Billing 133  
    Mining Industry 107  
    Office Technology 129  
    Substance Abuse Counselor Training  
    205  
    Welding Technology 124  
Certificate of Achievement Requirements 88  
Challenge Exam 29, 66, 87, 91, 283  
Chancellors Cabinet 10

Cheating 30, 43  
 Children on Campus 54  
 Circle of 6 app 53, 58  
 Classified Staff 18  
 Clery Act 39, 41, 44, 48  
 Coercion (See Title IX)  
 College Board Advance Placement Exam (CBAPE) 271-273  
 College-Level Examination Program (CLEP) 274-275  
 Collections 67  
 College Credit by Exam 27  
 College Facilities, Use of 54  
 Communications and Expressions 80  
 Complaint Options (See Title IX)  
 Complaint, Investigation Procedures, Remedies and Interim Measures (see Title IX)  
 Complaints concerning Faculty and Student Conduct 64  
 Computer Technologies 125-133  
   Computer Programming (AAS) 126  
   Network Specialist (AAS) 127  
   Office Technology (AAS) 129  
   Web Development (AAS) 133  
   Digital Information Technology (BAS) 1130  
   Medical Coding and Billing (CT) 132  
   Office Technology (CT) 128  
 Confidentiality (See Title IX)  
 Consent (See Title IX)  
 Continuing Education 19  
 Continuing Education Fees 67  
 Core Themes 19-20  
 Course Descriptions 231-270  
   Accounting 231  
   American Sign Language 231  
   Anthropology 231  
   Art 232  
   Astronomy 232  
   Biochemistry 232  
   Biology 232  
   Business 233  
   Chemistry 233  
   Cisco 234  
   Communications 235  
   Comprehensive Medical Imaging 235  
   Computer Aided Drafting and Design 235  
   Computer and Information Technology 236  
   Computer Office Technology 237  
   Computer Science 237  
   Counseling and Personal Development 237  
   Data Science 238  
   Diesel Technology 239  
   Early Childhood Education 239  
   Economics 240  
   Education 244  
   Education Career and Technical 241  
   Education Elementary 241  
   Education Leadership and Psychology 251  
   Education Professional Development 251  
   Education Reading and Literature 241  
   Education Secondary 242  
   Electrical Instrumentation Technology 245

Electrical Theory 245  
 Emergency Medical Services 247  
 English 249  
 Engineering 251  
 Environmental Studies 251  
 Film Studies 251  
 Finance Management 251  
 French 251  
 Geographic Information Systems 252  
 Geography 251  
 Geology 252  
 Graphic Communications 252  
 History 253  
 Human Development and Family Studies 252  
 Human Services 254  
 Health Sciences 255  
 Humanities 255  
 Industrial Maintenance Technology 256  
 Information Systems 255  
 Integrative Studies 255  
 Journalism 257  
 Land Surveying/Geomatics 267  
 Machine Tool Technology 261  
 Management 260  
 Mathematics 258  
 Marketing 261  
 Medical Assisting, Phlebotomy, and EKG 257  
 Medical Coding and Billing 260  
 Metallurgical Engineering 260  
 Mine Engineering 261  
 Music 262  
 Nursing 262  
 Nutrition 264  
 Philosophy 264  
 Physics 265  
 Political Science 265  
 Psychology 265  
 Radiology 266  
 Real Estate 266  
 Secondary Education 243  
 Social Work 268  
 Sociology 267  
 Spanish 267  
 Special Education 243  
 Statistics 267  
 Technical Arts 269  
 Theatre 269  
 Welding 269  
 Woman's Studies 270

Course Level Exchange 76  
 Criminal Justice 221  
 Cyber Bullying 52

## D

Dantes Subject Standardized Tests 29, 276  
 Dating Violence (See Title IX)  
 Dean's List 78  
 Degree Audit 58  
 Degree and Certificate Reference 83-85  
 Degree Objective 62  
 Degree Programs 9-11  
 Developmental Education 17  
 Diagnostic Medical Sonography 192

Disbursement of Funds 72  
 Diesel Technology 107  
 Digital Information Technology 130  
 Disability Resource Center 58  
   Coordinator 64  
 Distance Education 65  
 Domestic Violence (See Title IX)  
 Dropping a course 76  
 Dual Enrollment 21, 23, 58, 66, 94-96

## E

Early Childhood Education 134  
   Early Childhood Education Emphasis (AA) 138  
   Early Childhood Education Emphasis (AAS) 136  
   Early Childhood Education (BA) 140  
   Early Childhood Education Emphasis (CT) 135  
   Early Childhood Education (ARL) 168  
   Infant/Toddler Emphasis (AAS) 137  
 Elko Campus Map 231  
 Electrical Systems Technology 110  
 Elementary Education 139  
   Early Childhood Education Endorsement 149  
   English Emphasis 150  
   Mathematics Emphasis 151  
   Science Emphasis 152  
   Social Science Emphasis 153  
   Elementary Education (BA) 144  
   Elementary Education (ARL) 168  
 Ely Center 16  
 Emergency Medical Services 176  
 Emeritus Faculty 283-284  
 Employer Sponsored Pathway CTE 111  
 Employment Services, Student 59  
 Engineering and Physical Science 215  
 English (AA) 170  
 English (BA) 172  
 English as a Second Language 61  
 Ex Officio Council Members 10  
 Excessive Absences 75

## F

Faculty and Administration 279-282  
 Fax Directory 287  
 Federal Work Study 71  
 Fee Schedule 65  
 Fees 65-69  
   Continuing Education 67  
   Distance Education 65  
   Past Due Balance 65  
 FERPA 5, 23, 38, 40, 41, 47, 52  
   Crimes of Violence Exception 38  
   Opt out Form 5  
   Dual Enrollment 23  
 Financial Aid 70-74  
   Applying 70  
   Appeal Process 73  
   Eligibility 70  
   Grants 70  
     Access Grant 70

GBC Need 71  
 Grant-in-Aid 71  
 Silver State Opportunity Grant 70  
 Loans 72  
 Progress Reports 72  
 Reinstatement of Financial Aid 73  
 Return to Title IV 74  
 Satisfactory Academic Progress Policy 72  
 Suspension 73  
 Types of Aid 70  
 Fitness Center 62  
 Foundation 61  
 Full time Student tuition and fees 66

## G

GBC History at a Glance 15  
 GBC Locations 14  
 General Education 80  
 General Education Requirements 81-82  
 General Studies Certificate 88, 94  
 General Studies Associate 90  
 Grade Appeals 42, 64, 78  
 Grade Point Average (GPA) 77  
 Grade Report Policy 77  
 Grading 76-77  
 Graduating with Honors 79  
 Graduation Requirements 79, 87, 91  
 Grants  
   Pell Grant 70  
   Access Grant 70  
   GBC Need Grant 71  
   Grant-in-Aid 71  
   Silver State Opportunity Grant (SSOG) 71  
   Supplemental Education Opportunity Grant (SEOG) 70  
 Grant-in-Aid 42  
 Grievance Procedure 42  
 Guide to Engaged Learning 34

## H

Harassment, unlawful 35  
 Hate Crime Policy 52  
 Hazing (See Title IX)  
 Health Sciences 175-198  
   Diagnostic Medical Sonography 193  
   Diagnostic Medical Sonography (PA) 195  
   Diagnostic Medical Sonography (BS) 197  
   Emergency Medical Services 178-181  
     Paramedic (AAS) 179  
     Emergency Medical Services, Paramedic (CT) 178  
     EMS National Registered Paramedic Pathway 181  
   Nursing (AAS) 182  
   Nursing (BSN) 185  
   Radiologic Sciences (AS) 190  
 High School Equivalency 28  
 High School Students 23, 65, 94  
 Housing Coordinator 4, 55

Housing, Student 68  
 Human Services 200-205  
   Human Services (CT) 201  
   Human Services (AAS) 202  
   Human Services (BAS) 203  
   Substance Abuse Counselor Training (CT) 206  
   Substance Abuse and Addiction Medicine Counselor Training (PB) 205  
 Human Resources Certificate of Achievement 103  
 Human Societies and Experience 80

## I

Industrial Maintenance Technology 118  
 Institutional Advisory Council 10  
 Institutional Calendar 7  
 International Baccalaureate Examination (IB) 277-278  
 Instrumentation Technology 114  
 International Student 22, 65, 66, 67, 68  
 Investigation (See Title IX)

## J

Jeanne Clery Act 39, 41, 48, 52

## L

Land Surveying/Geomatics 207-209  
   Land Surveying/Geomatics (AS) 207  
   Land Surveying/Geomatics (BAS) 209  
 Late Enrollment 75  
 Late Fees 62-67  
   Appeals 64  
   Veteran/Dependent Students 63  
 Library 60  
 Loans, Subsidized and Unsubsidized 71  
 Logical and Scientific Reasoning 80

## M

Management and Supervision 104  
 Mandatory Reporting 54  
 Manufacturing Machining Technology 122-123  
 Mathematics Coresequence guided self-paced 25  
 Maximum Course Load 75  
 Medical Marijuana 56  
 Megan's Law 54  
 Military Training 28, 62  
 Millennium Scholarship 72  
 Missing Student Notification Policy 55  
 Mission Statement 92  
 Multiple Degrees  
   Associate 87  
   Bachelor 91

## N

National Standardized Exams 267-274  
   Advanced Placement 267-269  
   CLEP 270-271  
   Dantes 272  
   International Baccalaureate (IB) 273-274  
 Natural Resources 217  
 Nevada Promise Scholarship 72  
 Nevada Residency Status 65  
 Non Traditional Credit 28  
 Non-Degree Students 23  
 Non-resident Tuition 66  
 Notices 4  
   Title IX Coordinator 4  
 NSHE Institution Responsibilities 33  
 Nursing 182-187

## O

Official Transcripts 58  
 Online Degrees and Certificate Programs 13  
 Omnilert 53  
 Opt-Out Form (FERPA) 5-6

## P

Pahrump Valley Center 17  
 Part Time Instructors 285-286  
 Past Due Balances 66  
 Pathways for Mathematics Courses 27  
 Payments 64  
 Payment Plans 67  
 Peace Officers Standard Training (P.O.S.T) 28  
 Pell Grant 70  
 Personal Information 76  
 Placement Tests 24-27  
   Math and English 24  
   Writing Courses 24  
 Plagiarism 30  
 Policies 33-57  
 Policy against Sexual Harassment (See Title IX)  
 P.O.S.T. 28  
 Post Associate Certificate  
   Diagnostic Medical Sonography 193  
 Post Baccalaureate Certificate  
   Education 168  
   Substance Abuse and Addiction Medicine Counselor Training 205  
 Presidents Message 2  
 Probation (See Financial Aid)  
 Progress Report (See Financial Aid)  
 Public Forum 56

## R

Radiologic Sciences 190  
 Reference Guide (Department Phone numbers) 287-289

Refund Policy 68  
 Refund Policy Appeals 68  
 Regents Service Program 71  
 Remedies and Interim Measures (see (Title IX)  
 Repeating a Course 77  
 Residency  
 Appeals 64  
 Status 65  
 WUE/WICHE 66  
 Resources 58-64  
 Retaliation (see Title IX)  
 Retention and Disposition of Student Records 41  
 Return to Title IV (See Financial Aid)  
 Reverse Transfer Agreement 31-32  
 Rules and Conduct and Procedures 42

## S

Safety Services 58  
 Satisfactory Academic Progress (See Financial Aid) 72  
 Scholarships 72  
 Millennium 72  
 Nevada Promise 72  
 Science  
 Biological Sciences (AS) 211  
 Engineering and Physical Science (AS) 213  
 Geosciences (AS) 215  
 Natural Resources (AS) 217  
 Secondary Education 156-167  
 Secondary Education (BA) 156  
 Secondary Education (ARL) 170  
 Biological Science Endorsement 158  
 Business Endorsement 160  
 English Endorsement 162  
 Mathematics Endorsement 164  
 Social Science Endorsement 166  
 Special Education 167  
 Security 53  
 Self-Directed Learning 60  
 Sexual Harassment 35  
 Sex Offender Notification 53  
 Silver State Opportunity Grant (SSOG) 71  
 Skills Certificates 86  
 Smoke Free GBC 54  
 Social Science 219-225  
 Criminal Justice (AAS) 219-220  
 Social Science (AA) 221-222  
 Social Science (BA) 223-225  
 Social Work, UNR 3+1 Collaborative Program 226-228  
 Student Conduct Officer 4, 45-51, 284  
 Student Conduct Policy 42  
 Student Government Association 63  
 Student Grievance Procedure 42  
 Student Employment Services 59  
 Student Housing 68  
 Student ID Cards 55  
 Student Responsibilities 33  
 Student's Right-To-Know 41  
 Student Rights 33  
 Suggested Course Sequence 87  
 Supplemental Education Opportunity Grant (SEOG) 70  
 Suspension (See Financial Aid)

## T

Table of Contents 3  
 Taxpayer Relief Act 22  
 Telephone Numbers, departments 283-285  
 Title IX  
 Coercion 36  
 Complainant Options 40  
 Complaint and Investigation Procedure 51  
 Confidentiality 39  
 Consent 36  
 Dating Violence 35  
 Domestic Violence 36  
 Investigation 38  
 Policy Against Sexual Harassment 35  
 Remedies and Interim Measures 36  
 Retaliation 41  
 Sexual Assault 35  
 Sexual Violence Prevention Training 34  
 Stalking 36  
 Withdrawal of Student 39  
 Workplace Environment 35  
 Transcript  
 Official 58  
 Unofficial 58  
 Transfer Credit 30-32, 64  
 Tuition  
 Distance Education 65  
 Estimated Cost for Full Time 66  
 Good Neighbor 66  
 Non Resident 66  
 WUE/WICHE 65, 66

## U

United States and Nevada Constitutions Requirement 75  
 University Police Services 54-55  
 Unlawful Harassment 37, 51, 52  
 Unofficial Transcripts 58  
 Use of College Facilities 56

## V

Veteran's Education Program 62  
 Veteran/Dependent Students 63  
 Veteran's Resource Center 62  
 Veteran's Standard Progress 62

## W

Warning (see Financial Aid)  
 Welcome to GBC 1-18  
 Welding 124-125  
 Winnemucca Center 17

Withdrawn of Student (See Title IX)  
 Withdrawing From College 75  
 Work Experience 28  
 Workplace Environment (Title IX) 4, 34-35  
 Work Study 71  
 WUE/WICHE 65, 66

