

# Academic Program Guide

Fall 2025 – Summer 2026



*Western Nevada College*

# Start Here



Take time to prepare for your educational journey and it will be a rewarding one.

**wnc.edu/starthere**

## Apply for Admission

**wnc.edu/starthere**

## Placement

English and Math placement at WNC is determined by a combination of high school transcripts, ACT/SAT scores, AP scores, Accuplacer testing and/or the Guided Self Placement tool. Students will meet with an academic advisor to ensure proper placement into English and Math courses based on review of placement options and goals.

**Carson City 775-445-3267 | Fallon 775-445-3379**

## Attend an Orientation

New student orientation helps you make a successful transition to college. Learn about academic expectations and campus resources.

## Meet with an Advisor

Before registering for classes, meet with an advisor for academic advisement. Our advisors can help you plan a schedule that works for you and your goals.

**Carson City 775-445-3267 | Fallon 775-445-3379**

**Book Your**

Advising Appointment

**wnc.edu/advising**



## Apply for Financial Aid & Scholarships

There are more financial aid and scholarship opportunities than ever before to help make college affordable. Grants, loans and on-campus student work are available.

**wnc.edu/aid | 775-445-3264**

## Register for Classes

Class enrollment is done through myWNC at **my.wnc.edu**.

## Enroll in a College Success Class

Strategies for Academic Success (EPY 150) is a college-level, transferable course that offers tips for productive studying, test-taking and other college learning tools.

## Pay Fees

Pay attention to payment deadlines or enroll in a payment plan to avoid being dropped from classes.

## Identify Course Materials

**Check what materials are required for your class. Visit [wnc.edu/coursematerials](http://wnc.edu/coursematerials)**

**Attending WNC for a career upgrade or workforce development?**

**Taking a few credit classes for personal interest?**

**There is a special checklist just for you! Visit [wnc.edu/starthere](http://wnc.edu/starthere)**

# Find What You Need

Inside, you will find course requirements for degrees and certificates. You will also find program information for more than 15 career pathways, in which you can earn a certificate in as little as eight weeks, or achieve a degree in two years.

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For a full list of programs, please visit our online catalog at [wnc.edu/catalog](http://wnc.edu/catalog)



# Classes that fit your *lifestyle*

**Flexible learning options • Self-paced • Late Start • 16 to 8 weeks or less**

At Western Nevada College, we offer flexible learning courses that help accommodate your specific needs and provide an out-of-the-box learning experience. Flexible learning courses vary in structure, with options such as completely self-paced, guided self-paced, and instructor directed pacing.

## **Education focused on your needs.**

Flexible learning courses allow you to tailor your educational experience to your learning style and your life. Ideal for balancing the demands of work, family and personal commitments, flexible learning options give you the power to manage your time effectively to meet your goals.

“ *Self-paced learning gave me the availability to focus on my outside responsibilities while still being able to get my education without added stress.* –Brandi Ferguson, Student ”



Scan the code to visit [wnc.edu/flexible-learning](https://wnc.edu/flexible-learning) and learn more today.

# Online Degrees

## COLLEGE ON YOUR TIME & SCHEDULE



WNC offers a number of online degrees and programs for individuals seeking to advance their education while maintaining their personal commitments to work and/or family. Online courses offer students the opportunity to learn at times of the day when it is convenient for them. Attending college online requires students to be self-motivated and able to manage their time for the rigor of self-guided learning.

### PREPARE FOR TRANSFER TO A UNIVERSITY

Associate of Arts  
Associate of Science  
Associate of Business

### CERTIFICATES OF ACHIEVEMENT

Business  
Bookkeeping  
Computer Information Technology  
Criminal Justice  
Graphic Design

### ASSOCIATE OF APPLIED SCIENCE DEGREES

Accounting  
Computer Information Technology  
Criminal Justice  
General Business  
Graphic Design  
Management

### BACHELOR OF APPLIED SCIENCE DEGREE

Organization and Project Management

*\*Completion of an Associates degree required for admission to the BAS degree program*

### ASSOCIATE OF GENERAL STUDIES

**Many other programs have online courses available.  
Work with an advisor to create a pathway for your transfer program.**

### ONLINE NEW STUDENT ORIENTATION

New student orientation helps students make a successful transition to the college environment and introduces students to campus resources and services. All first-time degree and certificate-seeking students should attend orientation.

### CANVAS

WNC uses a platform called Canvas for access to both online and flex courses. Online Orientation and FAQs for using Canvas can be found online at [wnc.edu/wnc-online/](http://wnc.edu/wnc-online/)

[wnc.edu/online-learning](http://wnc.edu/online-learning)





# EARN COLLEGE CREDIT WHILE IN High School!

WNC's **Dual Credit Programs** provide high school students with the opportunity to accelerate their academic journey by taking college classes while still in high school, often satisfying the credit requirements for both high school graduation and college certificate/degree programs. Dual Credit is for all **high school students** with options from English, math and science to art, skilled trades and technology...and everything in between!

If you want to try college on for size or get an early start on a degree, there's a dual credit opportunity waiting for you at WNC. Learn more at <https://wnc.edu/advising/high-school-programs/>

## DUAL ENROLLMENT

Students in dual enrollment programs are enrolled in a WNC college course and, in most cases, earn both college and high school credit for the course.

### JUMP START

For students interested in earning a transferable Associates degree or a CTE Certificate of Achievement.

- » 1- 2 year program (15 credits per semester)
- » Prescribed courses and sequence
- » Courses offered during the school day in the first year and flexibly for students in the 2nd year
- » Cohorted student groups at their school
- » Must qualify and be accepted by WNC and high school
- » Courses offered on high school campus, at WNC, and online
- » Open only to Nevada high school students attending participating schools

### CONCURRENT

For students interested in taking courses on their high school campus taught by an approved high school instructor.

- » Choose number of courses and credits each year
- » Course options based on school partnership
- » Offered during the school day as part of the student's high school class schedule
- » High school approval needed to enroll
- » Must attend the high school where the courses are offered
- » Credits may be applied to a college degree or certificate

### GENERAL

For students interested in taking courses taught by a college instructor on a WNC campus or online.

- » Choose number of courses and credits each year
- » "A la carte" access to all WNC courses each semester (*dependent on prerequisites*)
- » Flexible class times to fit individual lifestyles
- » High school approval needed to enroll
- » Open to any high school or homeschool student
- » Credits may be applied to a college degree or certificate

*For all Dual Credit programs, students should talk with a WNC advisor to make sure credits are transferable. Students must check with their high school counselor to confirm which courses will count toward their high school graduation requirements.*

## DUAL CREDIT

In Nevada, students who successfully complete a state-approved career and technical education program of study at their high school are eligible to be awarded college credit up to two (2) years after graduating from high school. CTE College Credit allows students to earn a college credential in less time at a lower cost.

### TO QUALIFY FOR CTE COLLEGE CREDIT

- » Complete a CTE course sequence
- » Earn a grade-point-average of 3.0 or higher
- » Pass the end-of-program technical assessment
- » Pass the assessment for employability skills

- » Apply for CTE College credit within two (2) years of high school graduation
- » Enroll in a credit-bearing class at WNC

**Visit your school counselor to learn more!**

WNC proudly supports the vibrant homeschool community by offering dual credit opportunities. For more information regarding Academic Advising for Homeschool Students email [Tricia.Wentz@wnc.edu](mailto:Tricia.Wentz@wnc.edu)



SCAN QR TO VISIT  
[wnc.edu/homeschool](https://wnc.edu/homeschool)  
FOR MORE DETAILS

# Student Learning Outcomes

Student learning is the core of WNC's mission, and the college celebrates this importance with institution-wide student learning outcomes (SLO). The WNC Student Learning Outcomes (SLOs) guide all courses, programs and degrees offered by WNC. SLOs one through six provide the structure for general education and alignment for academic program outcomes; SLO seven provides a connection for career preparation emphases.

General education provides a broad educational foundation that is essential to meeting educational, social, personal and career goals. WNC's general education curriculum consists of rigorous, interrelated academic experiences that introduce students to diverse ways of thinking and understanding their world. Through a range of connected learning experiences, general education introduces students to a breadth of knowledge that complements and prepares students for the depth provided in a completed degree program.

Upon completing a degree at WNC, students must demonstrate:

1. **CONTENT KNOWLEDGE** - Demonstrate understanding of essential information and concepts relevant to a discipline or area of study.
2. **COMMUNICATION** - Effectively convey and/or interpret a central idea via visual, oral, or written media.
3. **QUANTITATIVE LITERACY** - Correctly analyze, interpret, draw conclusions from, and communicate quantitative processes and information.
4. **INFORMATION LITERACY** - Locate, evaluate, and appropriately use information from multiple resources in support of a claim or central idea.
5. **DIVERSITY AND SOCIETY** - Identify and discuss changing human societies demonstrating an understanding of the subject and respect for various cultural, methodological, and/or theoretical perspectives.
6. **CRITICAL THINKING** - Integrate knowledge and skills to develop logical conclusions and/or solutions that demonstrate a well-reasoned evaluation of a problem, question, perspective, or solution.
7. **CAREER PREPARATION** - Apply specialized knowledge, approaches, and skills to successfully complete projects and/or demonstrate relevant professional and/or industry-standard competencies.



## VISION

WNC is an integral and innovative educational partner fostering equity and a life of learning in an inclusive environment for the evolving, diverse communities we serve.

## VALUES

WNC is student centered, inquiry driven and data informed as we nurture community connections and promote an environment of equity and inclusion.

## MISSION

WNC contributes to solutions for the 21st century by providing effective educational pathways for the students and communities of Nevada.

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Western Nevada College (WNC) and the Nevada System of Higher Education (NSHE) are guided by the principle that there shall be no difference in the treatment of persons because of race, religion, color, age, sex (including a pregnancy related condition), sexual orientation, military status or military obligations, disability (whether actual or perceived by others to have a disability including veterans with service connected disabilities), or national origin, and that equal opportunity and access to facilities shall be available to all. This extends to individuals who experience discrimination (including antisemitism) based on their actual or perceived: (i) shared ancestry or ethnic characteristics; or (ii) citizenship or residency in a country with a dominant religion or distinct religious identity. Similarly, there shall be no difference in the treatment of persons who file charges of discrimination or harassment, participate in a discrimination or harassment proceeding, or otherwise oppose discrimination or harassment. This principle is applicable to every member of the Nevada System of Higher Education community, both students and employed personnel at every level, and to all units, facilities, and services of the Nevada System of Higher Education.

Inquiries concerning the application of these provisions and/or questions as to how to file a complaint of unlawful discrimination may be referred to WNC's Title IX Coordinator.

TitleIX@wnc.edu or (775) 445-4235  
Western Nevada College  
2201 West College Parkway  
Bristlecone Building, Room 157  
Carson City, NV 89703  
<https://wnc.edu/human-resources/title-ix>

# Associate of General Studies

This degree provides academic exploration for those seeking personal growth or professional advancement. Military credits can qualify for up to 45 units toward this degree.

The Associate of General Studies is intended as an exploratory and terminal degree, not to be used as a transfer degree; however, credits earned under the degree may transfer to 4-year institutions. It is recommended that anyone planning to apply these credits for transfer consult their intended transfer institution for appropriate curriculum planning.

A maximum of six units of special topics classes in one subject area may apply toward any WNC degree. In some cases, courses may not transfer to other Nevada community colleges and Nevada State University or other colleges and universities. See a WNC counselor for the latest transfer information. Courses with a number under 100 (such as ENG 95) are not applicable toward an Associate of General Studies degree.

**MISSION:** The purpose of the Associate of General Studies degree is to provide academic knowledge and skills for personal growth, and/or professional advancement.

**STUDENT LEARNING OUTCOMES:** The successful student will:

- Meet the general education student learning outcomes.
- Succeed at the professional, academic and personal goals the AGS degree serves.
- Demonstrate knowledge of the subject matter appropriate to their fields of study.



## PROGRAM REQUIREMENTS

### GENERAL ELECTIVES

**36 or 39 UNITS**

Students may choose from any occupational or general education courses to be used as electives for this degree. Some non-traditional credit approved by Admissions and Records may be applicable to satisfy course requirements for occupational degrees, while other such units may be used as electives for the AGS and AAS degrees only. Students planning to transfer to the University of Nevada, Reno should use the UNR core curriculum guide to satisfy general education requirements.

### ANY 200 LEVEL COURSES FROM ANY AREA

**6 UNITS**

200 level courses used for this requirement may also be used to fulfill general education or general elective requirements.

## GENERAL EDUCATION REQUIREMENTS

**A MINIMUM OF 21 UNITS**

### ENGLISH/COMMUNICATIONS 6 UNITS

*Must include a three-credit writing course.*  
Business: 107, 108  
Communication: 101, 102, 113, 215  
Criminal Justice: 103  
English  
Journalism: 201  
Reading  
Writing Course (Business 108, English 100, 101, 102, 107 or any other 200 level English class)

### FINE ARTS AND HUMANITIES 3 UNITS

American Sign Language  
Art  
Core Humanities: 201, 202, 212  
Crafts  
English: 190, 200, 223, 243, 250, 252, 261, 267, 271, 282, 297  
Foreign Languages  
Graphic Design  
History: 105, 106, 203, 207, 208, 209, 247  
Holocaust, Genocide & Peace Studies: 201  
Humanities: 101  
Music  
Philosophy (except for PHIL 102, 114)  
Theatre: 100, 105, 180

### MATHEMATICS 3 UNITS

Business: 115  
Economics: 261, 262  
Mathematics  
Psychology: 210  
Statistics: 152

### SCIENCE 3 UNITS

Anthropology: 102, 110L  
Astronomy: 109, 110, 120  
Atmospheric Sciences: 117  
Biology (except for BIOL 208, 223, 224, 251)  
Chemistry (except for CHEM 220, 241, 241L, 242, 242L)  
Emergency Medical Services: 205  
Environmental Studies  
Geography: 103, 104, 116, 121  
Geology: 102 (except for GEOL 111, 112, 113, 299)  
Nutrition: 121  
Physics (except for PHYS 293)

### SOCIAL SCIENCES 3 UNITS

Anthropology: 101, 201, 202, 210, 212, 215  
Core Humanities: 203  
Criminal Justice  
Economics: 100, 102, 103  
Geography: 106, 200  
History: 101, 102, 111, 217, 295  
Journalism: 103  
Political Science  
Psychology (except for PSY 210)  
Sociology (except for SOC 210)

### U.S. & NEVADA CONSTITUTION 3-6 UNITS

Must meet both requirements.  
Choose from:  
Core Humanities: 203  
History: 111  
History: 101 and one of the following:  
HIST 102, HIST 217, PSC 100, PSC 208  
Political Science: 101, 103



# Associate Degrees for University Transfer

## ASSOCIATE OF ARTS • ASSOCIATE OF BUSINESS • ASSOCIATE OF SCIENCE

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WNC students may follow a transfer pathway to complete both an associate and a subsequent bachelor's degree. WNC has transfer agreements with the University of Nevada, Reno and partnerships with other 4-year institutions to make completing a degree at WNC and transferring later as smooth as possible. WNC advisors can assist students to select courses that will transfer to fulfill program requirements at the student's intended transfer school.

WNC offers three transfer degrees: Associate of Arts, Associate of Business and Associate of Science. Students may select the appropriate transfer degree depending on the area of intended study for the bachelor's degree. See pages 8-13 for further details on each of these pathways and degree requirements.



## Silver State Transfer Program

### CO-ADMISSION TO THE UNIVERSITY OF NEVADA, RENO

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Students who intend to transfer to UNR after completing their associate degree at WNC may consider co-admission at UNR. By participating, they 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-admitted students.

**To learn more:** [unr.edu/admissions/transfer/pathways/silver-state-transfer-program](http://unr.edu/admissions/transfer/pathways/silver-state-transfer-program)

**NOTE:** All courses to be counted toward AA, AB or AS degrees must be university transferable. Courses with a number under 100 (such as ENG 95) are not applicable toward the associate degree.

Courses that are not transferable are indicated with a nontransferable course attribute in the myWNC course catalog. A maximum of six units of special topics classes in one subject area may apply toward any WNC degree. See an advisor for the most current information about transferring to another institution.

# Associate of Arts

## TRANSFER DEGREE

This degree is for students planning to transfer with junior standing to a four-year university or college to prepare for a professional career in art, communication, education, history, psychology, social sciences, social work or a related field.

The Associate of Arts degree is for students planning to transfer with junior standing to a four-year college or university for a bachelor's degree.

**MISSION:** The mission of the Associate of Arts degree program is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

**STUDENT LEARNING OUTCOMES:** The successful student will:

- Meet the institutional student learning outcomes (1-6).
- Identify, describe and apply information, theories, methodologies and approaches from social sciences, humanities or arts.
- Produce effective projects, papers and reports.
- Integrate knowledge and skills from the study of social sciences, humanities or arts to think critically about and develop solutions to contemporary or enduring problems.
- Be prepared to succeed at a transfer institution.



### GENERAL EDUCATION REQUIREMENTS

27-32 UNITS

#### ENGLISH/COMMUNICATIONS 6-8 UNITS

English: 100 or 101, 102

#### FINE ARTS 3 UNITS

Art: 100, 101\*, 124, 135, 141, 160, 211, 214, 231, 260, 261

English: 261

History: 203

Humanities: 101

Music: 121, 124, 125, 176

Music: Ensemble: 101\*, 131, 135

Theatre: 100, 105\*, 180

\* Course may not meet the fine arts requirement at all universities. Please see an advisor.

#### SCIENCE 6 UNITS

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology: 100, 113, 190, 191, 200

Chemistry: 100, 121, 122

Environmental Studies: 100, 101

Geography: 103, 104, 116, 121

Geology: 100, 101, 102, 105, 201

Nutrition: 121

Physics: 100, 151, 152, 180 & 180L

Note: Completion of CHEM 121 or BIOL 190, BIOL 223 and BIOL 224, and BIOL 251 fulfills the science general education requirement.

### YEAR ONE SUGGESTED COURSE SEQUENCE

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ENG 100 or 101	3-5 <input type="checkbox"/>	ENG 102	3 <input type="checkbox"/>
Social Science	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	Fine Arts	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	Humanities	3 <input type="checkbox"/>
Science	3-4 <input type="checkbox"/>	Science	3-4 <input type="checkbox"/>

#### THIRD & FOURTH SEMESTER

Take courses that meet requirements for the major at intended transfer school.

### PROGRAM REQUIREMENTS

28-33 UNITS

#### LIBERAL ARTS

Choose any transferable course numbered 200 or higher. AM 141, 147, and 148 are also accepted.

6 UNITS

#### TRANSFER REQUIREMENTS OR GENERAL ELECTIVES

22-27 UNITS

Choose any transferable course. Students should utilize this area to take courses that meet requirements for their major at their intended transfer school. Those who have not yet selected a major may choose from among any university transferable courses to explore their options. Students planning to transfer to the University of Nevada, Reno should obtain a transfer agreement from WNC Academic Advising & Access or the UNR Transfer Center.

Courses designated as non-transferable to Nevada System of Higher Education Universities and courses numbered below 100 (such as ENG 98) are not applicable toward an Associate of Arts degree.

#### HUMANITIES 3 UNITS

Core Humanities: 201, 202, 212

English: 200, 223

History: 105, 106, 208, 209, 247

Holocaust, Genocide & Peace Studies: 201

Philosophy: 101, 135, 200, 203, 204, 207, 210, 224, 245

#### UNR transfer students, choose at least one of the following courses:

Core Humanities: 201, 202

History: 105, 106

Philosophy: 200, 207, 245

#### SOCIAL SCIENCES 3 UNITS

Choose from the following list:

Anthropology: 101, 201, 202, 215

Core Humanities: 203

Criminal Justice: 104

Economics: 100, 102, 103

Geography: 106, 200

History: 101, 102, 111, 217

Journalism: 103

Political Science: 101, 103, 208, 231

Psychology: 101, 102, 233, 234, 240, 257, 261

Sociology: 101

#### U.S. & NEVADA CONSTITUTION 3-6 UNITS

Must meet both requirements. Choose from:

Core Humanities: 203

History: 111

History: 101 and one of the following:

HIST 102, HIST 217, PSC 100, PSC 208

Political Science: 101, 103

# Associate of Arts

## TRANSFER DEGREE

<b>Agricultural Science &amp; Economics</b>	<b>English</b>	<b>Political Science</b>
<b>Anthropology</b>	<b>French</b>	<b>Psychology</b>
<b>Art</b>	<b>Geography</b>	<b>Public Health</b>
<b>Art History</b>	<b>Graphic Design</b>	<b>Social Work</b>
<b>Communication Studies</b>	<b>History</b>	<b>Sociology</b>
<b>Criminal Justice</b>	<b>Human Development &amp; Family Studies</b>	<b>Spanish</b>
<b>Dance</b>	<b>Journalism</b>	<b>Speech Pathology</b>
<b>Education</b>	<b>Music</b>	<b>Theatre</b>
Early Childhood	<b>Nursing</b>	
Elementary	<b>Philosophy</b>	
Secondary		

Transferring to another school can be confusing but WNC's academic advisors are here to help.



### SOCIAL WORK MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Arts degree requirements with a concentration in social work, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in social work.

ENG 101 and 102	6 units
MATH 120	3 units
Fine Arts course	3 units
Humanities course	3 units
Science courses	6 units
Social Science course	3 units
US and Nevada constitutions course	3 units
PSY 101 and 241	6 units
HDFS 201	3 units
SOC 101	3 units
SW 101 and 250	6 units
Electives/university social work program requirements	18 units

## TRANSFER PATHWAY EXAMPLES

### GRAPHIC DESIGN MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Arts degree requirements with a concentration in graphic design, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in graphic design.

ENG 101 and 102	6 units
MATH 120 or higher	3 units
Humanities course	3 units
Science courses	6 units
Social Science course	3 units
US and Nevada constitutions course	3 units
ART 100, 101, 124, 141, 211, or 214	3 units
ART 260 and 261	6 units
GRC 116, 200, 210, and 220	12 units
Electives/university graphic design program requirements	15 units

### CRIMINAL JUSTICE MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Arts degree requirements with a concentration in criminal justice, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in criminal justice.

ENG 101 and 102	6 units
MATH 120 or higher	3 units
Fine Arts course	3 units
Humanities course	3 units
Science courses	6 units
US and Nevada constitutions course	3 units
Foreign Language – 4 semesters	14 units
CRJ 104, 106, 211, 222 and 234	15 units
STAT 152	3 units
Electives/university social work program requirements	4 units

### HUMAN DEVELOPMENT & FAMILY STUDIES MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Arts degree requirements with a concentration in human development & family studies, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in human development & family studies.

ENG 101 and 102	6 units
Math 120	3 units
Fine Arts course	3 units
Science course	3 units
Humanities course	3 units
US and Nevada constitutions course	3 units
HDFS 201, 202 and 232	9 units
PSY 101	3 units
NUTR 121	3 units
COM 101	3 units
SOC 101	3 units
CPD 116	3 units
Electives/university human development & family studies program requirements	15 units

### EDUCATION MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Arts degree requirements with a concentration in education, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in education.

ENG 101 and 102	6 units
Mathematics course	3 units
Humanities course	3 units
Fine Arts course	3 units
US and Nevada constitutions course	3 units
Science	6-12 units
<i>Early Childhood Education:</i>	
ECE 200, 204, 231, 250, and 251 and EDU 207	18 units
HDFS 201, 202 and 232	9 units
<i>Elementary Education:</i>	
EDU 201, 203, 210	9 units
MATH 122 and 123	6 units
<i>Secondary Education:</i>	
EDU 202	3 units
Electives/university education program requirements	9-27 units

# Associate of Business

## TRANSFER DEGREE

This degree is for students planning to transfer with junior standing to a four-year university or college to prepare for a professional career in business, management, accounting, marketing or a related field.

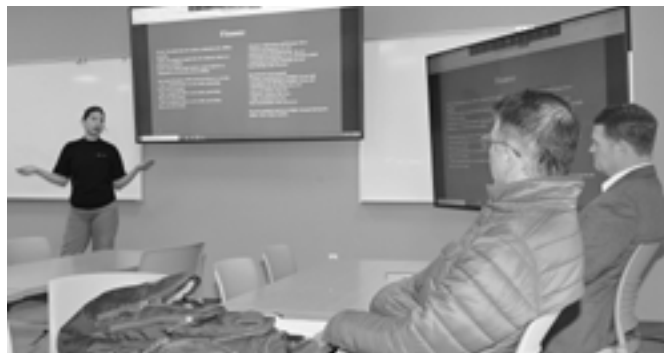
The Associate of Business degree is designed for students who intend to transfer with junior status to a four-year college or university for a bachelor degree in a business-related field.

**MISSION:** The purpose of the Associate of Business degree is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

**STUDENT LEARNING OUTCOMES:** Students who complete an Associate of Business degree at WNC are expected to demonstrate that they...

- Articulate and demonstrate their personal employment-related knowledge, skills and abilities.
- Evaluate the impact of various economic systems and policies.
- Summarize, record, analyze, interpret and communicate accounting and financial information for decision-making.
- Devise, implement and evaluate managerial decisions, actions and outcomes.
- Apply technology to aid in communications and decision-making.
- Present research, data, analysis and conclusions through written and oral means.
- Describe the changing landscape of the global market and its impact on the United States.
- Summarize the impact of social, ethical, legal and diversity issues within contemporary business.
- Develop business, financial and marketing plans for established and emerging businesses.

SUGGESTED COURSE SEQUENCE			
FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ENG 100 or ENG 101	3-5 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	ECON 261	3 <input type="checkbox"/>
MATH 176	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
Fine Arts	3 <input type="checkbox"/>	Humanities	3 <input type="checkbox"/>
General Elective:		Science	3 <input type="checkbox"/>
Recommend BUS 101	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ENG 102	3 <input type="checkbox"/>	ACC 202	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	ECON 262	3 <input type="checkbox"/>
IS 101	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	U.S./NV Constitution	3 <input type="checkbox"/>



Courses designated as non-transferable to Nevada System of Higher Education Universities and courses numbered below 100 (such as ENG 98) are not applicable toward an Associate of Business degree.

## PROGRAM REQUIREMENTS

27 UNITS

Accounting: 201, 202  
 Economics: 102, 103, 261, 262  
 Information Systems: 101  
 Marketing: 210  
 Mathematics: 176

*NOTE: If a student does not meet the prerequisite for MATH 176, MATH 126 may be used as a degree elective and should be taken in the first semester.*

### TRANSFER REQUIREMENT OR GENERAL ELECTIVES - 10-12 UNITS

Choose any transferable course. Students should utilize this area to take courses that meet requirements for their major at their intended transfer school. Those who have not yet selected a major may choose from among any university transferable courses to explore their options. Students planning to transfer to the University of Nevada, Reno should obtain a transfer agreement from WNC Academic Advising & Access or the UNR Transfer Center.

Recommended: BUS 101

For UNR transfer, COM 101 or 113 and 2 courses from Anthropology 101, Political Science 231, Psychology 101, Sociology 101 are recommended.

## GENERAL EDUCATION REQUIREMENTS

A MINIMUM OF 21 UNITS

### ENGLISH/COMMUNICATIONS

#### 6-8 UNITS

English: 100 or 101, 102

### FINE ARTS

#### 3 UNITS

Art: 100, 101\*, 124, 135, 141, 160, 211, 214, 231, 260, 261  
 English: 261  
 History: 203  
 Humanities: 101  
 Music: 121, 124, 125, 176  
 Music: Ensemble: 101\*, 131, 135  
 Theatre: 100, 105\*, 180

*\* Course may not meet the fine arts*

*requirement at all universities. Please see an advisor.*

### HUMANITIES

#### 3 UNITS

Core Humanities: 201, 202, 212  
 English: 200, 223  
 History: 105, 106, 208, 209, 247  
 Holocaust, Genocide & Peace Studies: 201  
 Philosophy: 101, 135, 200, 203, 204, 207, 210, 224, 245

**UNR transfer students, choose at least one of the following courses:**

Core Humanities: 201, 202  
 History: 105, 106  
 Philosophy: 200, 207, 245

### MATHEMATICS

See Program Requirements

### SCIENCE

#### 6 UNITS

Anthropology: 102, 110L  
 Astronomy: 109, 110, 120  
 Atmospheric Sciences: 117  
 Biology: 100, 113, 190, 191, 200  
 Chemistry: 100, 121, 122  
 Environmental Studies: 100, 101  
 Geography: 103, 104, 116, 121  
 Geology: 100, 101, 102, 105, 201  
 Nutrition: 121  
 Physics: 100, 151, 152, 180 & 180L

*Note: Completion of CHEM 121 or BIOL 190, BIOL 223 and BIOL 224, and BIOL 251 fulfills the science general education requirement.*

### SOCIAL SCIENCES

See Program Requirements

### U.S. & NEVADA CONSTITUTION

#### 3-6 UNITS

Must meet both requirements. Choose from:

Core Humanities: 203  
 History: 111

History: 101 and one of the following:  
 HIST 102, HIST 217, PSC 100, PSC 208  
 Political Science: 101, 103

EARN THIS DEGREE ONLINE



# Associate of Business

## TRANSFER DEGREE

**Accounting**

**Economics**

**Finance**

**Information Systems**

**International Affairs**

**International Business**

**Management**

**Marketing**

Transferring to another school can be confusing but WNC's academic advisors are here to help.

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APPOINTMENT**  
[wnc.edu/advising](http://wnc.edu/advising)



### TRANSFER PATHWAY EXAMPLES

#### BUSINESS MANAGEMENT MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate in Business degree requirements with a concentration in business management, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in business management.

ENG 101 and 102	6 units
MATH 126 and 176	6 units
Fine Arts course	3 units
Humanities course	3 units
Science courses	6 units
US and Nevada constitutions course	3 units
ACC 201 and 202	6 units
BUS 101	3 units
ECON 102, 103, 261 and 262	12 units
IS 101	3 units
MKT 210	3 units
Electives/ university business management program requirements	6 units

#### MARKETING MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate in Business degree requirements with a concentration in marketing, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in marketing.

ENG 101 and 102	6 units
MATH 126 and 176	6 units
Fine Arts course	3 units
Humanities course	3 units
Science courses	6 units
US and Nevada constitutions course	3 units
ACC 201 and 202	6 units
BUS 101	3 units
ECON 102, 103, 261 and 262	12 units
IS 101	3 units
MKT 210	3 units
Electives/university business management program requirements	6 units

**Don't see a pathway for your intended transfer program?  
WNC advisors can work with you to create one!**





# Associate of Science

## TRANSFER DEGREE

This degree is for students planning to transfer with junior standing to a four-year university or college to prepare for a professional career in mathematics, science, engineering, technology, medicine, agriculture or a related field.

The Associate of Science degree is designed for students who intend to transfer with junior status to a four-year college or university for a Bachelor of Science degree.

**MISSION:** The mission of the Associate of Science Degree Program is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

**STUDENT LEARNING OUTCOMES:** The successful student will:

- Meet the institutional student learning outcomes (1-6).
- Demonstrate the ability to identify the fundamental tenets of scientific inquiry.
- Present accurate calculations and symbolic operations, and explain how such calculations and operations are used in the sciences, mathematics or engineering.
- Use critical thinking and creativity to select and apply recognized experimental or observational techniques suitable for examining contemporary or enduring problems in the sciences.
- Be prepared to succeed at a transfer institution.

### YEAR ONE SUGGESTED COURSE SEQUENCE

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ENG 100 or 101	3-5 <input type="checkbox"/>	ENG 102	3 <input type="checkbox"/>
Social Science	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Science	3-4 <input type="checkbox"/>	Mathematics	3-4 <input type="checkbox"/>
Mathematics	3-4 <input type="checkbox"/>	Science	4-6 <input type="checkbox"/>
Fine Arts	3 <input type="checkbox"/>		

#### THIRD & FOURTH SEMESTER

Take courses that meet requirements for the major at intended transfer school.

Courses designated as non-transferable to Nevada System of Higher Education Universities and courses numbered below 100 (such as ENG 98) are not applicable toward an Associate of Science degree.



## PROGRAM REQUIREMENTS

### A MINIMUM OF 18 UNITS CHOSEN FROM THE FOLLOWING:

#### SCIENCE

##### 12 UNITS

Choose a minimum of 8 units from Group A.

#### GROUP A:

Anthropology: 102 & 110L  
Biology: 190, 191, 251  
Chemistry: 121, 122  
Geology: 101, 102  
Geography: 103 & 104, or 121  
Physics: 151, 152, 180 & 180L, 181 & 181L, 182 & 182L

#### MATHEMATICS

##### 6 UNITS

Mathematics: 126, 127, 128, 176, 181, 182, 283, 285, 330  
Statistics: 152

#### GROUP B:

Astronomy: 109, 110, 120  
Atmospheric Sciences: 117  
Biology: 200, 223, 224  
Chemistry: 220  
Computer Science: 135, 202  
Engineering Science: 100  
Environmental Studies: 100, 101  
Geography: 116  
Geology: 105, 201  
Mechanical Engineering: 241, 242

*Note: Completion of the Associate of Science program requirements fulfills the respective mathematics and science general education requirements.*

### TRANSFER REQUIREMENT AND ELECTIVES - 19-24 UNITS

Choose any transferable course. Students should utilize this area to take courses that meet requirements for their major at their intended transfer school. Those who have not yet selected a major may choose from among any university transferable courses to explore their options. Students planning to transfer to the University of Nevada, Reno should obtain a transfer agreement from WNC Academic Advising & Access or the UNR Transfer Center.

## GENERAL EDUCATION REQUIREMENTS

### A MINIMUM OF 18-23 UNITS CHOSEN FROM THE FOLLOWING:

#### ENGLISH/COMMUNICATIONS

##### 6-8 UNITS

English: 100 or 101, 102

#### FINE ARTS - 3 UNITS

Art: 100, 101\*, 124, 135, 141, 160, 211, 214, 231, 260, 261  
English: 261  
History: 203  
Humanities: 101  
Music: 121, 124, 125, 176  
Music: Ensemble: 101\*, 131, 135  
Theatre: 100, 105\*, 180  
*\* Course may not meet the Fine Arts requirement at all universities. Please see an advisor.*

#### HUMANITIES - 3 UNITS

Core Humanities: 201, 202, 212  
English: 200, 223  
History: 105, 106, 207, 208, 209, 247  
Holocaust, Genocide & Peace Studies: 201  
Philosophy: 101, 135, 200, 203, 204, 207, 210, 224, 245

#### UNR transfer students, choose at least one of the following courses:

Core Humanities: 201, 202  
History: 105, 106  
Philosophy: 200, 207, 245

#### MATHEMATICS

See Program Requirements

#### SCIENCE

See Program Requirements

#### SOCIAL SCIENCES - 3 UNITS

Anthropology: 101, 201, 202, 215  
Core Humanities: 203  
Criminal Justice: 104  
Economics: 100, 102, 103  
Geography: 106, 200  
History: 101, 102, 111, 217  
Journalism: 103  
Political Science: 101, 103, 208, 231  
Psychology: 101, 102, 233, 234, 240, 257, 261  
Sociology: 101

#### U.S. & NEVADA CONSTITUTION 3-6 UNITS

Must meet both requirements. Choose from:  
Core Humanities: 203  
History: 111  
History: 101 and one of the following:  
HIST 102, HIST 217, PSC 100, PSC 208  
Political Science: 101, 103

# Associate of Science

## TRANSFER DEGREE

Transferring to another school can be confusing but WNC's academic advisors are here to help.

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<b>Agricultural Science</b>	<b>Engineering</b> Biomedical Chemical Civil Electrical Engineering Physics Environmental Geological Mechanical Metallurgical Mining	<b>Environmental Science</b>	<b>Geophysics</b>	<b>Physics</b>
<b>Atmospheric Science</b>		<b>Forest Management &amp; Ecology</b>	<b>Hydrology</b>	<b>Rangeland Ecology &amp; Management</b>
<b>Biochemistry &amp; Molecular Biology</b>		<b>Geology</b>	<b>Mathematics</b>	<b>Veterinary Science</b>
<b>Chemistry</b>			<b>Neuroscience</b>	<b>Wildlife Ecology Conservation</b>
<b>Computer Science</b>			<b>Nutrition</b>	

### TRANSFER PATHWAY EXAMPLES

#### AGRICULTURAL SCIENCE MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Science degree requirements with a concentration in agricultural science, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in agricultural science.

ENG 101 and 102	6 units
MATH 127 and 181	7 units
Fine Arts course	3 units
Humanities course	3 units
Social Science course	3 units
US and Nevada constitutions course	3 units
BIOL 190 and 191	8 units
CHEM 121 and 122	8 units
AGSC 100	3 units
STAT 152	8 units
Electives/ university agricultural science program requirements	14 units

#### ENGINEERING MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Science degree requirements with a concentration in engineering, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in engineering.

ENG 101 and 102	6 units
MATH 181, 182, 283 and 285	15 units
Fine Arts course	3 units
Humanities course	3 units
US and Nevada constitutions course	3 units
CHEM 121	4 units
PHYS 180/180L, 181/181L	8 units
ENGR 100	3 units
Electives/university engineering program requirements	15 units

#### BIOLOGY MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Science degree requirements with a concentration in biology, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in biology.

ENG 101 and 102	6 units
Math 127 and 181	7 units
Fine Arts course	3 units
Humanities course	3 units
Social Science course	3 units
US and Nevada constitutions course	3 units
BIO 190 and 191	8 units
CHEM 121, 122, 241/241L and 242/242L	16 units
STAT 152	3 units
PHYS 151 and 152	8 units
Electives/university biology program requirements	4 units

#### GEOLOGY MAJOR PATHWAY

This transfer pathway is designed to meet WNC Associate of Science degree requirements with a concentration in geology, preparing students to transfer at the junior level to a four-year college to earn a bachelor's degree in geology.

ENG 101 and 102	6 units
Math 127, 181 and 182	11 units
Fine Arts course	3 units
Humanities course	3 units
Social Science course	3 units
US and Nevada constitutions course	3 units
CHEM 121 and 122	8 units
GEOL 101 and 102	8 units
PHYS 180/180L and 181/181L	8 units
Electives/university geology program requirements	8 units

Don't see a pathway for your intended transfer program? WNC advisors can work with you to create one!

# Programs and Career Pathways

## LEARN TECHNICAL SKILLS THAT LEAD TO JOBS IN THE NEW NEVADA

WNC's career pathways programs provide a bridge between education and employment, preparing students with the skills they need to take advantage of work opportunities in high demand fields that pay a living wage. Programs are directly aligned with industry and employer requirements, with most providing access to certifications and credentials that are valued for employment and advancement.

For new job seekers, those upskilling for a promotion, or people seeking to change careers, WNC's career pathway programs feature stackable credentials and delivery options that meet the needs of working adults. Some programs can be completed in as little as 8-15 weeks.

### SKILLS CERTIFICATES

Be ready to enter the workplace in as little as eight weeks. WNC offers more than 30 industry-recognized credentials for skill development and career advancement.



### CERTIFICATES OF ACHIEVEMENT

Expand your skills with a one-year certificate.



### ASSOCIATE OF APPLIED SCIENCE DEGREES

WNC offers two-year career preparation programs in many areas. Students learn technical skills that lead to jobs.



### BACHELOR OF APPLIED SCIENCE DEGREES

WNC offers baccalaureate degrees in organization and project management (online) and construction management.

## PATHWAY PROGRAMS

### ALLIED HEALTH

Certified Nursing Assistant  
Health Science  
Lab Tech-Phlebotomy  
Registered Nursing

### AUTOMOTIVE TECHNOLOGY

Mechanics  
Collision Repair

### BUSINESS

Accounting  
Bookkeeping  
Management  
Organizational & Project Management

### COMPUTER INFORMATION TECHNOLOGY

Back End Developer  
Cybersecurity  
Front End Developer  
Programming

### CONSTRUCTION TECHNOLOGY

Construction  
Energy Auditor  
Heating, Ventilation & AC/Refrigeration

### EDUCATION

Career and Technical Education  
Early Childhood  
Elementary  
Secondary  
Special Education

### GRAPHIC DESIGN

### MANUFACTURING & AUTOMATION

Industrial Electronics  
Machine Tool Technology  
Mechatronics  
Welding

### PUBLIC SAFETY

Criminal Justice  
Emergency Medical Technician (EMT)



# Professional Skill Development

## SKILLS CERTIFICATES

These short-term programs, often completed in as little as 8 weeks, prepare students with the skills needed for high-demand jobs. Students who complete the required courses with a C or better are prepared to earn industry-recognized certifications/credentials that demonstrate job preparation and competency to employers.

*Note: While these programs are designed to prepare students to take certification and licensing exams, the exams are not required or included in the coursework. Successful completion of the program does not guarantee passing or receiving the certification or license.*

### ADVANCED MANUFACTURING

Industrial Electronics Technology  
Manufacturing Technician  
Mechatronics

### ALLIED HEALTH

Certified Nursing Assistant  
Laboratory Technician - Phlebotomy

### AUTOMOTIVE TECHNOLOGY

Collision Repair  
Mechanics - Brakes  
Mechanics - Electrical/Electronic Systems  
Mechanics - Engine Performance  
Mechanics - Heating & Air Conditioning  
Mechanics - Suspension & Steering  
Mechanics - Transmission/Transaxle

### BUSINESS

Real Estate

### COMPUTER INFORMATION TECHNOLOGY

Cisco Routing & Switching  
Cybersecurity  
Ethical Hacking  
Front End Developer  
General Security  
IT Essentials  
Microsoft Certified IT Professional  
Network Support  
Project Management  
Secondary Education CS Endorsement

### CONSTRUCTION TECHNOLOGY

Construction Gateway  
Construction Skills  
Energy Auditor  
Heating, Ventilation, AC/Refrigeration

### EDUCATION

CTE Teaching I  
CTE Teaching II  
CTE Teaching Licensure, Business & Industry  
Early Childhood Educator I  
Early Childhood Educator II  
Foundations of Elementary Education

### EMERGENCY MEDICAL SERVICES

Emergency Medical Technician (EMT)

### MACHINE TOOL TECHNOLOGY

Computer Numerical Controls (CNC)  
Machining  
Manual Machining

### WELDING

Shielded/Gas Metal Arc  
Flux Core & Gas Tungsten Arc  
AWS Exam

## CERTIFICATE OF ACHIEVEMENT

For those desiring a shorter course of study, WNC offers Certificates of Achievement in many occupational areas. Students enrolled in any of these programs will benefit from "hands-on" laboratory experiences within their major field. They will enter the job market with specific skills and knowledge useful for employment and advancement. In some cases, courses may not transfer to other Nevada community colleges and Nevada State University or to other colleges and universities.

See a WNC advisor for the latest transfer information. Courses with a number under 100 (such as ENG 95) are not applicable toward a Certificate of Achievement at WNC. Courses completed through Certificates of Achievement provide basis for Associate of Applied Science degrees.

**MISSION:** The purpose of the Certificate of Achievement is to provide employment-related knowledge and skills.

**STUDENT LEARNING OUTCOMES:** The successful student will:

- Know the subject matter appropriate to the emphasis of the certificate.
- Acquire the skills necessary for employment or career enhancement.
- Successfully represent themselves to a potential employer.
- Demonstrate effective communication and computational skills appropriate to the certificate area.
- Utilize appropriate resources for remaining current in the certificate area.
- Have developed an appreciation of the importance of social, ethical, legal and diversity issues.

## CERTIFICATE REQUIREMENTS

**30 TOTAL UNITS CHOSEN FROM THE FOLLOWING CATEGORIES:**

### ENGLISH/COMMUNICATIONS 3-6 UNITS

*Must include a writing course.\**

Business: 107, 108  
Career & Technical Education: EDCT 110  
Communication: 101, 102, 113, 215  
Criminal Justice: 103  
English  
Journalism: 201  
Reading

*\*Writing Courses: Business 108, English 100, 101, 102, 107, or any other 200 level English class.*

### MATHEMATICS - 3 UNITS

Business: 115  
Economics: 261, 262  
Mathematics  
Psychology: 210  
Sociology: 210  
Statistics: 152

### HUMAN RELATIONS - 1-3 UNITS

Anthropology: 101, 201  
Business: 110  
Career & Technical Education: EDCT 212  
Counseling and Personal Development: 117, 123, 129  
Criminal Justice: 270  
Early Childhood Education: 121  
Educational Psychology: 150  
Human Development & Family Studies: 201, 202  
Management: 201, 212, 283  
Nursing: 261  
Psychology (except for PSY 210)  
Sociology (except for SOC 210)

### PROGRAM REQUIREMENTS

30 units are required for any certificate of achievement, although the exact number of units required may differ with particular subject matter.



# Associate of Applied Science

## CAREER DEGREE

This degree provides career preparation, training and industry credentials in an occupational or technical field.

Students enrolled in an applied science program will benefit from "hands-on" laboratory experience within their major field. They will enter the job market with specific skills and knowledge useful for employment and advancement.

Although the AAS degree is not designed to be a transfer program, some courses will transfer to four-year colleges or universities. Students who wish to transfer to a four-year school should consult a WNC advisor. Courses with a number under 100 (such as ENG 95) are not applicable toward an Associate of Applied Science degree at WNC.

A maximum of six units of special topics classes in one subject area may apply toward any WNC degree.

**MISSION:** The purpose of the Associate of Applied Science degree is to provide employment-related knowledge and skills necessary to succeed in a chosen field of study.

**STUDENT LEARNING OUTCOMES:** The successful student will:

- Have met the institutional student learning outcomes.
- Know the subject matter appropriate to the emphasis of the degree.
- Have acquired skills and can perform tasks necessary for employment or career advancement.



### PROGRAM REQUIREMENTS

#### 36-39 UNITS

The number of units required may vary by emphasis. Some units earned in non-traditional courses may be considered for elective credit and may require review in order to be applied to the AAS degree.

Program requirements can be found on the programs of study pages.

### GENERAL EDUCATION REQUIREMENTS

#### 21-24 UNITS

##### ENGLISH/COMMUNICATIONS 6 UNITS

*Must include a writing course.\**

Business: 107, 108

Career & Technical Education: EDCT 110

Communication: 101, 102, 113, 215

Criminal Justice: 103

English

Journalism: 201

Reading

*\*Writing Courses: Business 108, English 100, 101, 102, 107 or any 200 level English class*

##### HUMAN RELATIONS 3 UNITS

Anthropology: 101, 201

Business: 110

Career & Technical Education: EDCT 212

Counseling and Personal

Development: 117, 123, 129

Criminal Justice: 270

Early Childhood Education: 121

Educational Psychology: 150

Human Development & Family Studies: 201, 202

Management: 201, 212, 283

Nursing 261

Psychology (except for PSY 210)

Sociology (except for SOC 210)

##### HUMANITIES/SOCIAL SCIENCE 3 UNITS

*Choose from either area:*

**Humanities:**

Art: 100, 101\*, 124, 135, 160, 214, 224, 260, 261

Career & Technical Education: EDCT 230

Core Humanities: 201, 202, 212

English: 200, 221, 223, 250, 261, 266, 267, 271

History: 105, 106, 203, 207, 208, 209, 247

Holocaust, Genocide & Peace Studies: 201

Humanities: 101

Music: 111\*, 121, 124, 125, 134, 176

Music Ensemble: 131, 135

Philosophy (except for PHIL 102, 114)

Theatre: 100, 105, 180

**Social Sciences:**

Anthropology: 101, 201, 202, 215

Career & Technical Education: EDCT 288

Core Humanities: 203

Criminal Justice: 104, 120, 215, 220, 225, 230, 270

Economics: 100, 102, 103

Geography: 106, 200

History: 101, 102, 111, 217

Journalism: 103

Political Science

Psychology (except for PSY 210)

Sociology (except for SOC 210)

*\*Course may not meet the fine arts requirement at all universities. See an advisor.*

##### MATHEMATICS 3 UNITS

Business: 115

Economics: 261, 262

Mathematics

Psychology: 210

Statistics: 152

##### SCIENCE 3 UNITS

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology (except for BIOL 208, 223, 224, 251)

Chemistry (except for CHEM 220, 241, 241L, 242, 242L)

Emergency Medical Services: 205

Environmental Studies

Geography: 103, 104, 116, 121

Geology: (except for GEOL 111, 112, 113, 299)

Nutrition: 121

Physics (except for PHYS 293)

##### U.S. & NEVADA CONSTITUTION 3-6 UNITS

*Must meet both requirements. Choose from the following:*

Core Humanities: 203

History: 111

History: 101 and one of the following:

HIST 102, HIST 217, PSC 100, PSC 208

Political Science: 101, 103

Courses numbered below 100 (such as ENG 98) are not applicable toward an Associate of Applied Science degree.



# Bachelor of Applied Science

## CAREER DEGREE

Western Nevada College offers two bachelor degrees.

### GENERAL EDUCATION REQUIREMENTS

#### ENGLISH/COMMUNICATIONS REQUIREMENTS

9 UNITS

English 100 or 101, 102

Choose from:

Business: 107

or Communication: 101, 102, 113

#### FINE ARTS/HUMANITIES REQUIREMENTS

3 UNITS

Art: 100, 101, 124, 135, 141, 160, 175, 211, 214, 224, 231, 260, 261

Core Humanities: 201, 202, 212

English: 200, 223, 261

History: 105, 106, 203, 207, 208, 209, 247

Holocaust, Genocide & Peace Studies: 201

Humanities: 101

Music, Ensemble: 101, 131, 135

Music: 111, 121, 124, 125, 134, 176

Philosophy: 101, 135, 200, 203, 204, 207, 210, 224, 245

Theatre: 100, 105, 180

#### GENERAL ELECTIVES

VARIES BY PROGRAM

#### MATHEMATICS REQUIREMENTS: CONSTRUCTION

3 UNITS

Choose from:

Mathematics: 120\*, 124\*, 126, 127, 128, 176, 181, 182

Statistics: 152

*Courses numbered below 100 (such as ENG 98) are not applicable toward the Bachelor of Applied Science degree.*

*\*The BAS in Construction Management requires Math 126 or higher.*

### GENERAL EDUCATION REQUIREMENTS

#### SCIENCE REQUIREMENTS

6 UNITS

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology: 100, 113, 190, 191, 200

Chemistry: 100, 121, 122

Environmental Studies: 100, 101

Geology: 100, 101, 105, 201

Geography: 103, 116, 121

Nutrition: 121

Physics: 100, 151, 152, 180, 180L

#### SOCIAL SCIENCES REQUIREMENT

3 UNITS

Anthropology: 101, 201, 202, 210, 212, 215

Core Humanities: 203

Criminal Justice: 101, 102, 104, 220, 230, 270

Geography: 106, 200

History: 101, 102, 111, 217, 295

Journalism: 103

Political Science: 103, 105, 108, 208, 231, 295, 299

Psychology (except for PSY 210)

Sociology (except for SOC 210)

#### U.S. AND NEVADA CONSTITUTION REQUIREMENTS

3 TO 6 UNITS

Choose from:

Core Humanities: 203

History: 111

History: 101 and one of the following:

HIST 102, HIST 217, PSC 100, PSC 208

Political Science: 101, 103



# Bachelor of Applied Science

## ORGANIZATION AND PROJECT MANAGEMENT

This online degree offers students the ability to gain technical skills in project management while developing leadership/management skills.

Organization leadership applies to a variety of organization types including for- and not-for-profit, small business to corporations, etc. This degree will provide students with the leadership scope and working knowledge of project management development and implementation to fill the U.S. and Northern Nevada gap while contributing to the economic development of the region. This is an online degree, enabling individuals to advance their education while working in their field of interest.

**MISSION:** The mission of the Bachelor of Applied Science Degree in Organization and Project Management is to provide students with a practical, applied degree opportunity for working students with technical backgrounds.

**STUDENT LEARNING OUTCOMES:** The successful student will:

- Evaluate organizational planning and performance from a strategic perspective utilizing management tools and articulate performance to various stakeholders.
- Analyze project, program, and portfolio management from an organizational perspective.
- Evaluate project management leadership theories and applications across organization types.
- Formulate project plans integrating tools and software to enable business value creation.
- Communicate effectively to diverse internal and external audiences.
- Demonstrate contributions of individual and group leadership to organization goal attainment.

### PROGRAM ENTRANCE REQUIREMENTS

An associate degree from a regionally accredited institution with an overall GPA of 2.0.

General Education requirements are met with the completion of an accepted associate degree except for the following NSHE general education requirements, which must be completed (prior to completion of BAS) if not met with the associate degree used for the program entrance requirement:

- Students transferring from another state are required to take classes to fulfill U.S. and Nevada Constitution requirements.
- ENG 102 (3 units)
- Math (3 units)
- Natural Science (6 units)
- Social Science or Humanities/Fine Arts (9 units)

See page 19 for a list of classes to fulfill these requirements.

A list of all courses fulfilling general education requirements for the Bachelor of Applied Science degree can be found on the Bachelor of Applied Science page.



College on your  
time and schedule  
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## PROGRAM REQUIREMENTS

PROGRAM REQUIREMENTS		60 UNITS
BUS 299	Capstone	3
CIT 263	Project Management	3
CIT 363	Advanced Project and Earned Value Management	3
COM 215	Intro to Group Communication	3
FIN 310	Applied Accounting and Finance	3
IS 301	Management Information Systems	3
MGT 310	Foundations of Management Theory and Practice	3
MGT 320	Organization and Project Management	3
MGT 323	Organizational Behavior and Interpersonal Behavior	3
MGT 371	Leadership and Managerial Skills	3
MGT 391	Quantitative Analysis	3
MGT 412	Change Management	3
MGT 462	Changing Environment	3
MGT 480	International Management	3
MGT 485	Applied Business Ethics	3
MGT 487	Entrepreneurship	3
MGT 496	Strategic Management and Policy	3
MGT 497	Business Plan Creation	3
MKT 210	Marketing Principles	3
	Elective (upper or lower division)	3

GENERAL EDUCATION REQUIREMENTS*		24 UNITS
ENG 102		3
Mathematics Requirement		3
Science Requirement		6
Social Sciences or Humanities/Fine Arts Requirement		9
U.S. and Nevada Constitution Requirement		3

GENERAL ELECTIVES*		36 UNITS
<i>*General Education &amp; General Elective Requirements must be completed (prior to completion of BAS) if not met with the associate degree used for the program entrance requirement.</i>		

ORGANIZATION AND PROJECT MANAGEMENT Bachelor of Applied Science Suggested Course Sequence			
<b>FIRST SEMESTER</b> (Fall)	<b>Completed</b>	<b>THIRD SEMESTER</b> (Fall)	<b>Completed</b>
COM 215	3 <input type="checkbox"/>	CIT 363	3 <input type="checkbox"/>
MGT 310	3 <input type="checkbox"/>	FIN 310	3 <input type="checkbox"/>
MGT 320	3 <input type="checkbox"/>	IS 301	3 <input type="checkbox"/>
MGT 485	3 <input type="checkbox"/>	MGT 496	3 <input type="checkbox"/>
<b>WINTER SESSION</b> (January)	<b>Completed</b>	<b>WINTER SESSION</b> (January)	<b>Completed</b>
MGT 323	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
<b>SECOND SEMESTER</b> (Spring)	<b>Completed</b>	<b>FOURTH SEMESTER</b> (Spring)	<b>Completed</b>
CIT 263	3 <input type="checkbox"/>	MGT 371	3 <input type="checkbox"/>
MGT 391	3 <input type="checkbox"/>	MGT 412	3 <input type="checkbox"/>
MGT 462	3 <input type="checkbox"/>	MGT 497	3 <input type="checkbox"/>
MKT 210	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
<b>SUMMER SESSION</b>	<b>Completed</b>		
MGT 480	3 <input type="checkbox"/>		
MGT 487	3 <input type="checkbox"/>		

# Bachelor of Applied Science

## CONSTRUCTION MANAGEMENT

This degree allows those who have completed an associate degree in construction technology to progress academically and earn a bachelor's degree.

The Bachelor of Applied Science degree in Construction Management offers associate degree students, new students and skilled workers an educational route toward a career as a construction manager or supervisor. The 120-credit program combines knowledge in construction methods, planning and project management with business and supervisory skills. It also allows those already working in the construction field to enroll in an applicable baccalaureate degree program and expand career advancement possibilities. Students must meet with an advisor and be admitted into the program.

**MISSION:** The mission of the Bachelor of Applied Science in Construction Management degree is to prepare students for entry-level and mid-level positions within the various construction industry disciplines, and to meet the goals of the Technology Division.

**STUDENT LEARNING OUTCOMES:** Upon completing the Bachelor of Applied Science degree program, students will be able to demonstrate:

- Knowledge in basic economic principles, business principles and construction accounting, finances and law.
- Exposure to the design theory and analysis of construction practices and systems.
- Understanding of the utilization of available resources for construction planning, methods and materials.
- Understanding, skill and knowledge of construction documents, communications, graphics and surveying.
- Skill and knowledge in construction accounting, estimating and bidding practices.
- Ability to plan and schedule construction projects.
- Application of relevant administrative skills, ethics, safety practices and problem-solving techniques to construction management.

CONSTRUCTION MANAGEMENT Bachelor of Applied Science Suggested Course Sequence			
<i>Note: Sequence based on enrollment that begins with the fall semester. Some courses may not be taught each semester.</i>			
<b>FIRST SEMESTER</b>	<b>Completed</b>	<b>FIFTH SEMESTER</b>	<b>Completed</b>
CEM 100	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
CONS 108	4 <input type="checkbox"/>	Bus/Management	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	English/Comm	3 <input type="checkbox"/>
MATH 126 or higher	3 <input type="checkbox"/>	Fine Arts	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
<b>SECOND SEMESTER</b>	<b>Completed</b>	<b>SIXTH SEMESTER</b>	<b>Completed</b>
CONS 109	4 <input type="checkbox"/>	CEM 330	3 <input type="checkbox"/>
CONS 118	3 <input type="checkbox"/>	CEM 350	3 <input type="checkbox"/>
CONS 120	3 <input type="checkbox"/>	CEM 432	3 <input type="checkbox"/>
ENG 102	3 <input type="checkbox"/>	Bus/Management	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	Social Science	3 <input type="checkbox"/>
<b>THIRD SEMESTER</b>	<b>Completed</b>	<b>SEVENTH SEMESTER</b>	<b>Completed</b>
CADD 100	3 <input type="checkbox"/>	CEM 451	3 <input type="checkbox"/>
CONS 111	3 <input type="checkbox"/>	CEM 453	3 <input type="checkbox"/>
CONS 121	2 <input type="checkbox"/>	CEM 454	3 <input type="checkbox"/>
Humanities	3 <input type="checkbox"/>	CEM 455	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	Bus/Management	3 <input type="checkbox"/>
<b>FOURTH SEMESTER</b>	<b>Completed</b>	<b>EIGHTH SEMESTER</b>	<b>Completed</b>
CONS 205	2 <input type="checkbox"/>	CEM 452	3 <input type="checkbox"/>
CONS 281	3 <input type="checkbox"/>	CEM 485	3 <input type="checkbox"/>
SUR 119	3 <input type="checkbox"/>	CONS 451	3 <input type="checkbox"/>
Economics	3 <input type="checkbox"/>	Capstone	3 <input type="checkbox"/>
U.S./Nevada Constitution	3 <input type="checkbox"/>		

### BACHELOR OF APPLIED SCIENCE IN CONSTRUCTION MANAGEMENT ADMISSION REQUIREMENTS

1. Complete a minimum of 30 college units or equivalent with a minimum 2.0 GPA. Within the 30 units:
  - A minimum of 12 units must be in applicable construction courses. This requirement may be waived if the student has construction experience.
  - A minimum of 12 units must be in applicable general education classes, including English 101, with a grade of C or better – a grade of C- or lower will not be acceptable.
 OR: Have an associate degree in Construction Management from a regionally accredited institution,  
 OR: Have an associate degree in Apprenticeship from an NSHE institution.
2. Meet with a WNC advisor.
3. Submit application to Admission & Records.

### REQUIREMENTS

BUSINESS AND MANAGEMENT CORE REQUIREMENTS		18 UNITS
BUS 101	Introduction to Business	3
ACC 201	Financial Accounting	3
<b>Choose 3 units from the following Economics courses:</b>		
ECON 100	Introduction to Economics	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
<b>Choose 3 units from the following Management courses:</b>		
MGT 323	Organizational Behavior & Interpersonal Behavior	3
MGT 367	Human Resource Management	3
<b>Choose 6 units from the following Management courses:</b>		
COM 412	Intercultural Communication	3
MGT 462	Changing Environments	3
MGT 469	Managing Cultural Diversity	3

PROGRAM REQUIREMENTS		66 UNITS
CADD 100	Introduction to Computer Aided Drafting	3
CEM 100	Fundamentals of Construction Management	3
CEM 330	Soils and Foundations for Construction	3
CEM 350	Facility Systems Design and Construction I	3
CEM 432	Temporary Construction Structures	3
CEM 451	Construction Estimating	3
CEM 452	Construction Cost Control	3
CEM 453	Construction Scheduling	3
CEM 454	Heavy Construction Methods and Equipment	3
CEM 455	Construction Management Practice	3
CEM 456	Management Construction Capstone	3
CEM 485	Construction Law and Contracts	3
CONS 108	Construction Materials and Methods I	4
CONS 109	Construction Materials and Methods II	4
CONS 111	Commercial Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 120	Blue Print Reading and Specification	3
CONS 121	Principles of Construction Estimating	3
CONS 205	Construction Site Safety	2
CONS 281	Construction Planning Scheduling And Control	3
CONS 451	Advanced Internship in Construction	3
SUR 119	Construction Surveying	3

GENERAL EDUCATION REQUIREMENTS		36 UNITS
English/Communications Requirement		9
Fine Arts/Humanities Requirement		3
Mathematics: 126 or higher		3
Science Requirement		6
Social Sciences Requirement		3
U.S. and Nevada Constitution Requirement		3
General Electives		9

A list of all courses fulfilling general education requirements for the Bachelor of Applied Science degree can be found on the Bachelor of Applied Science page.

# Upskilling, Reskilling or New Skilling...WNC has something for you!

Change is constant, especially in the job market. Keep pace for future work demands by learning new skills that will help you advance in your current role or in a new career path.

**WNC's skill programs, certificates and degrees can help you -**

## INCREASE YOUR EARNING POTENTIAL

*New skills increase your value, allowing you to make a case for a pay increase or a new job with a higher starting salary!*

## GET GREATER SATISFACTION FROM YOUR WORK

*Join the 66% of workers who report increased satisfaction, confidence, and productivity as they expanded their skillset...and feel more fulfilled as a result! (Talent LMS and Workable, The State of Upskilling and Reskilling, March 2024)*

## IDENTIFY NEW INTERESTS AND TALENTS

*Tap into your passion, spark your interest, and expand your options with new skills like coding, auto mechanics, electronics, teaching, or business...the possibilities are endless!*

## SHAPE YOUR CAREER PATH

*Gain knowledge and proficiency in areas relevant to your future career goals...the more skills you develop, the more opportunities you'll have!*

### Turn your life and work experience into credits toward a degree!

If you already have skills, experience and/or industry certification and want to earn a college certificate/degree in your career field – talk to us about getting **credit for prior learning (CPL)**!

Here's how it works:

Your skills have to align with a degree pathway that WNC offers (such as manufacturing, computer technology, business, etc.) and a certificate or degree you want to earn.

If they do, then you will:

- » Apply for admission to WNC (if you are not a current student)
- » Complete a Petition for Transfer Credit Evaluation
- » Enter your student ID number and personal information
- » Select "Industry Skills and/or Certifications" (and any others that apply)
- » Describe your skills or your current/past certifications
- » Choose the degree or certificate that you would like the credits to be evaluated toward
  - » If you choose "Certificate of Achievement," then you will select a specific field of study
  - » If you choose "Degree" and select "AAS," then you will select the specific field of study
- » Sign and submit!



WNC will connect you with the right people to evaluate your skills and determine what kind of credit should be awarded.

**Get ahead for less with CPL!**

For more information, visit [wnc.edu/admissions/transfer-information](http://wnc.edu/admissions/transfer-information)

Unlock your potential with flexible, career-focused learning!

# Explore our *BEST* programs!

Blended Education and Skills Training (BEST) programs combine academic skills with job training to help you advance your career or start fresh. Evening and weekend classes make it easy to fit learning into your busy schedule!

## BEST Career Pathway Programs

### Advanced Manufacturing

Learn the skills to work in manufacturing, robotics, and automation with industry 4.0 tools.

#### Credit-based Courses

##### Include:

- Fundamentals of Manufacturing and Automation
- Basic Electricity
- General Industry Safety

**Outcome:** Industry-recognized credentials

#### Career Opportunity:

Pathways to roles earning \$120,000+ annually

### Automotive Technology

Hands-on training in diagnostics, repair, and maintenance for entry-level technician roles.

#### Credit-based Courses

##### Include:

- Introduction to General Mechanics
- Auto Electricity and Electronics

**Outcome:** Two industry-standard certifications

#### Career Opportunity:

Pathways to advanced roles with potential earnings of \$90,000+ annually

### Birth Doula Training

Prepare to support expectant families with essential communication, advocacy, and evidence-based care skills.

**Course Duration:** 72 hours

**Eligibility:** For advanced adult

English learners

**Outcome:** State board certification

#### Career Opportunity:

Pathway to entrepreneurial business

### Community Health Worker Training

Master the skills of promoting health, supporting patients and connecting communities to resources

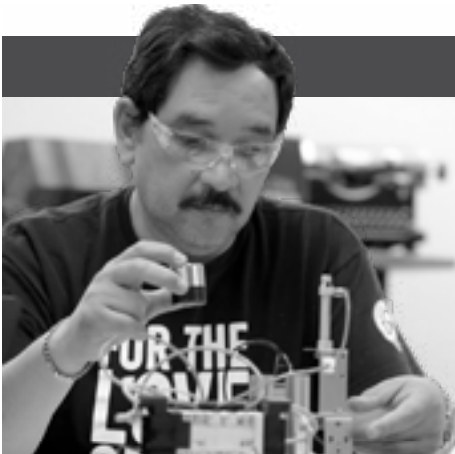
**Course Duration:** 72- 100 hours

**Eligibility:** For advanced adult English learners

**Outcome:** State board certification

#### Career Opportunity:

Pathway to healthcare professions with earnings up to \$5,000+ annually



### Is this for me?

You qualify if you are:

- 18+ years old
- A Nevada resident
- Authorized to work in the U.S.

### Is this affordable?

You may qualify for grant funds to cover tuition and materials.

Ask us how!

### Take the next step!

Call us at **775-445-4452** and mention "BEST program"

Scan QR to visit <https://wnc.edu/ready>





# ADVANCED MANUFACTURING

## Automation, Electronics, and Industrial Technology

The Advanced Manufacturing programs of study focus on building a solid base of fundamental knowledge and skills to prepare for careers in modern manufacturing, mining, aerospace and high-tech health care environments.

Class and lab work explores the industrial environment, culture, processes and values. Knowledge and skill courses include technology-rich computer-based studies and hands-on lab experiences with industrial components and allow students to move forward through advanced studies including automation, mechatronics and robotics.

**MISSION:** The purpose of the Associate of Applied Science degree in Technology is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

**STUDENT LEARNING OUTCOMES:** Students who complete an Associate of Applied Science in Automation and Industrial Technology are expected to:

- Know the subject matter appropriate to the emphasis of the degree.
- Communicate effectively and appropriately, in oral and written form.
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional.
- Acquire skills and perform tasks necessary for employment or career enhancement.
- Develop an appreciation of the importance of social, ethical, legal and diversity issues.
- Develop an appreciation of the need and importance of lifelong learning.

### SKILLS CERTIFICATE - MANUFACTURING TECHNICIAN

The Manufacturing Technician program is an entry point for those seeking career opportunities in Advanced Manufacturing, Robotics and Mechatronics. This program will prepare individuals to succeed in modern production environments that use industry 4.0 controls, automation and processes. Upon completion, students will be prepared to earn the C-101 Certified Industry 4.0 Associate I - Basic Operation certificate through the Smart Automation Certification Alliance (SACA).

	<b>13 UNITS</b>
MPT 111 Fundamentals of Manufacturing and Automation I	3
MPT 112 Fundamentals of Manufacturing and Automation II	3
ELM 110 Basic Electricity	3
ELM 127 Introduction to AC Controls	3
OSH 222 General Industry Safety	1

### SKILLS CERTIFICATE - MECHATRONICS FOUNDATION

Mechatronics is the study of electrical, mechanical, fluid power and control components that make up automated systems in high-tech industrial environments. This program is for individuals currently working or seeking opportunities in occupations such as maintenance, IT and engineering. Students will become well-versed in basic factory floor controls, automation and programming, learning to analyze and modify modern production control systems that use industry 4.0 automation technologies and processes. Upon completion, students will be prepared for the SACA C-102 Certified Industry 4.0 Associate II.

	<b>12 UNITS</b>
MPT 160 Mechanical Drive Systems I	3
ELM 129 Electric Motors & Drives	3
ELM 134 Programmable Logic Controllers I	3
ELM 140 Industrial Robotics	3

### SKILLS CERTIFICATE - INDUSTRIAL ELECTRONICS TECHNOLOGY

This course of study prepares students for the Certified Electronics Technician Associate Exam, which is administered by the International Society of Certified Electronics Technicians (ISCET).

	<b>13 UNITS</b>
MPT 111 Fundamentals of Manufacturing and Automation I	3
ELM 110 Basic Electricity	3
ELM 112 Electrical Theory, DC	3
ELM 121 Circuit Design	3
OSH 222 General Industry Safety	1

### CERTIFICATE OF ACHIEVEMENT - INDUSTRIAL ELECTRONICS TECHNOLOGY

**TOTAL REQUIREMENTS 30 UNITS**

	<b>21 UNITS</b>
<b>PROGRAM REQUIREMENTS</b>	
ELM 110 Basic Electricity	3
ELM 112 Electrical Theory, DC	3
ELM 121 Circuit Design	3
MPT 111 Fundamentals of Manufacturing and Automation I	3
MPT 112 Fundamentals of Manufacturing and Automation II	3
OSH 222 General Industry Safety	1

**Choose 5 units from the following program electives:**  
Any MPT, ELM, DFT, ENGR, WELD or MTT

	<b>9 UNITS</b>
<b>GENERAL EDUCATION REQUIREMENTS</b>	
English/Communications Requirements: <i>Must include a writing course</i>	3
Human Relations	3
Mathematics: <i>MATH 110 or higher</i>	3

INDUSTRIAL ELECTRONICS TECHNOLOGY Certificate of Achievement Suggested Course Sequence			
<i>Note: Sequence based on enrollment that begins with the fall semester. Some courses may not be taught each semester.</i>			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ELM 110	3 <input type="checkbox"/>	ELM 121	3 <input type="checkbox"/>
ELM 112	3 <input type="checkbox"/>	MPT 112	3 <input type="checkbox"/>
MPT 111	3 <input type="checkbox"/>	Program Elective	5 <input type="checkbox"/>
OSH 222	1 <input type="checkbox"/>	English/Communications	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>

A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.



**SMART AUTOMATION CERTIFICATION ALLIANCE**

Introductory Industry 4.0 certifications for individuals seeking proficiency with floor automation equipment and processes in an Advanced Manufacturing environment.

# ADVANCED MANUFACTURING

## Automation, Electronics, and Industrial Technology

Mechatronics is the high-tech field combining electrical, mechanical, fluid power and control systems in industrial environments. These programs ensure an understanding of Industry 4.0 concepts and theories applied through hands-on experiences to ensure operational knowledge. Students will develop a troubleshooting mindset through an interactive approach to automated systems that includes real-world problem solving, research, safety practices, documentation and effective teamwork.

### CERTIFICATE OF ACHIEVEMENT - MECHATRONICS

The Mechatronics Certificate of Achievement expands on the electrical and mechanical skills in the foundational courses and/or field experience to develop further proficiency in Industry 4.0 processes.

**TOTAL REQUIREMENTS 30 UNITS**

**PROGRAM REQUIREMENTS 18 UNITS**

MPT 111	Fundamentals of Manufacturing and Automation I	3
MPT 112	Fundamentals of Manufacturing and Automation II	3
MPT 160	Mechanical Drive Systems I	3
ELM 127	Introduction to AC Controls	3
ELM 134	Programmable Logic Controllers I	3
OSH 222	General Industry Safety	1

**Choose 2 units from the following program electives:**

Any ELM, ENGR, MPT, or MT course units vary

**GENERAL EDUCATION REQUIREMENTS 12 UNITS**

English/Communications Requirement <i>Must include a writing course</i>	6
Human Relations Requirement	3
Mathematics Requirement <i>Recommended: MATH 110</i>	3

#### MECHATRONICS Certificate of Achievement Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ELM 127	3 <input type="checkbox"/>	ELM 134	3 <input type="checkbox"/>
MPT 111	1 <input type="checkbox"/>	MPT 112	3 <input type="checkbox"/>
OSH 222	3 <input type="checkbox"/>	MPT 160	3 <input type="checkbox"/>
Program Elective	2 <input type="checkbox"/>	English/Communications	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>		

A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.



### ASSOCIATE OF APPLIED SCIENCE DEGREE - MECHATRONICS & ELECTRONICS TECHNOLOGY

The Mechatronics and Electronics degree develops knowledge and skills needed for career progression in an automated Advanced Manufacturing environment where the integration of computers and electronic technologies control industrial systems and machines.

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 28 UNITS**

ELM 110	Basic Electricity	3
ELM 112	Electrical Theory DC	3
ELM 127	Introduction to AC Controls	3
ELM 129	Electric Motors & Drives	3
ELM 134	Programmable Logic Controllers I	3
ELM 140	Industrial Robotics	3
MPT 111	Fundamentals of Manufacturing and Automation I	3
MPT 112	Fundamentals of Manufacturing and Automation II	3
MPT 160	Mechanical Drive Systems I	3
OSH 222	General Industry Safety	1

**Choose 8 units from the following program electives:**

Any AIT, CADD, DFT, ELM, ENGR, ENRG, ET, MPT, MT, or MTT course units vary

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement <i>Must include a writing course</i>	6
Human Relations	3
Humanities/Social Science	3
Mathematics <i>Recommended: MATH 126</i>	3
Science	3
U.S. and Nevada Constitution	3
General Elective	3

A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

#### MECHATRONICS & ELECTRONICS Associate of Applied Science Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ELM 110	3 <input type="checkbox"/>	ELM 129	3 <input type="checkbox"/>
ELM 112	3 <input type="checkbox"/>	ELM 134	3 <input type="checkbox"/>
MPT 111	3 <input type="checkbox"/>	Program Electives	4 <input type="checkbox"/>
OSH 222	1 <input type="checkbox"/>	English/Communications	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ELM 127	3 <input type="checkbox"/>	MPT 160	3 <input type="checkbox"/>
MPT 112	3 <input type="checkbox"/>	ELM 140	3 <input type="checkbox"/>
Program Elective	4 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	Social Science/Humanities	3 <input type="checkbox"/>

Endorsed by

## NATIONAL ASSOCIATION OF MANUFACTURERS

for entry-level workers and experienced technicians alike.

Third-party industry-recognized credentials can be earned throughout the program. A fee is associated with most exams.

## AUTOMOTIVE TECHNOLOGY

# Collision Repair and Automotive Mechanics

For those seeking a career in the automotive industry, WNC provides a choice between two high-demand, high-wage fields – automotive mechanics and collision repair. Both programs are accredited by the Automotive Service Excellence Education Foundation and provide access to industry-standard certifications needed for employment.

**MISSION:** The mission of the Associate of Applied Science degree in Automotive Mechanics is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

**STUDENT LEARNING OUTCOMES:** Students who complete an Associate of Applied Science degree in Automotive Mechanics are expected to:

- Know the subject matter appropriate to the emphasis of the degree.
- Communicate effectively and appropriately, in oral and written form.
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional.
- Acquire skills and perform tasks necessary for employment or career enhancement.
- Develop an appreciation of the importance of social, ethical, legal and diversity issues.
- Develop an appreciation of the need and importance of lifelong learning.



Third-party industry-recognized credentials can be earned throughout the program. A fee is associated with most exams.

### SKILLS CERTIFICATE - AUTOMOTIVE COLLISION REPAIR

These lab-based courses provide hands-on practice for inspecting damaged vehicles and mastering repair techniques to include grinding, painting and buffing. Student will learn the value of being detail-oriented, as well as communication skills for good customer service. Courses align with ASE and I-Car certifications.

		<b>12 UNITS</b>
AUTB 120	Automotive Collision I	3
AUTB 125	Automotive Collision II	3
AUTB 200	Automotive Refinishing I	3
AUTB 205	Automotive Refinishing II	3



### SKILLS CERTIFICATE - AUTOMOTIVE MECHANICS

These skills certificates can provide the foundation for first-time, entry-level technician jobs or for advancement. Each course has a lab and classroom component to help students master skills, as well as prepare for ASE certifications in each area.

<b>AUTOMOTIVE TRANSMISSION/TRANSAXLE</b>		<b>14 UNITS</b>
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Automotive Electricity & Electronics I	4
AUTO 205	Manual Drivetrain and Axles	3
AUTO 210	Automatic Transmission and Transaxles I	3
OSH 222	General Industry Safety	1

<b>AUTOMOTIVE HEATING AND AIR CONDITIONING</b>		<b>11 UNITS</b>
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Automotive Electricity & Electronics I	4
AUTO 160	Automotive Air Conditioning and Heating	3
OSH 222	General Industry Safety	1

<b>AUTOMOTIVE BRAKES</b>		<b>12 UNITS</b>
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 145	Automotive Brakes	4
OSH 222	General Industry Safety	1

<b>AUTOMOTIVE ELECTRICAL/ELECTRONIC SYSTEMS</b>		<b>12 UNITS</b>
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 117	Advanced Auto Electronics	4
OSH 222	General Industry Safety	1

<b>AUTOMOTIVE SUSPENSION AND STEERING</b>		<b>12 UNITS</b>
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 155	Steering & Suspension	4
OSH 222	General Industry Safety	1

<b>AUTOMOTIVE ENGINE PERFORMANCE</b>		<b>12 UNITS</b>
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 225	Engine Performance I/Fuel & Ignition	4
OSH 222	General Industry Safety	1

# AUTOMOTIVE TECHNOLOGY

## Automotive Mechanics

The Certificate of Achievement and Associate of Applied Science Technology degree provide a broad foundational knowledge through a series of highly technical coursework chosen to align with industry needs for diagnosis and repair. Students who complete either or both of these are well-positioned with the skills and abilities needed for success as an automotive mechanic in a service facility.



### CERTIFICATE OF ACHIEVEMENT - AUTOMOTIVE MECHANICS

TOTAL REQUIREMENTS	31 UNITS
<b>PROGRAM REQUIREMENTS</b>	<b>19 UNITS</b>
AUTO 101 Introduction to General Mechanics	3
AUTO 115 Auto Electricity & Electronics I	4
AUTO 145 Automotive Brakes	4
AUTO 155 Steering & Suspension	4
AUTO 225 Engine Performance I/Fuel & Ignition	4
<b>GENERAL EDUCATION REQUIREMENTS</b>	<b>12 UNITS</b>
English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement: <i>Recommended: BUS 110</i>	1
Mathematics Requirement	3
General Electives	2

A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

#### AUTOMOTIVE MECHANICS

##### Certificate of Achievement Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.

Some courses may not be taught each semester.

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
AUTO 101	3 <input type="checkbox"/>	AUTO 155	4 <input type="checkbox"/>
AUTO 115	4 <input type="checkbox"/>	AUTO 225	4 <input type="checkbox"/>
AUTO 145	4 <input type="checkbox"/>	English/Communications	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	Mathematics	3 <input type="checkbox"/>
Human Relations	1 <input type="checkbox"/>	General Elective	2 <input type="checkbox"/>

### ASSOCIATE OF APPLIED SCIENCE TECHNOLOGY DEGREE - AUTOMOTIVE MECHANICS

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 117	Advanced Auto Electronics	4
AUTO 130	Engine Reconditioning	3
AUTO 145	Automotive Brakes	4
AUTO 155	Steering & Suspension	4
AUTO 160	Auto Air Conditioning and Heating	3
AUTO 210	Automatic Transmissions and Transaxles I	3
AUTO 225	Engine Performance I/Fuel & Ignition	4
AUTO 227	Engine Performance II/Emission Control	4

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement: <i>Recommended: BUS 107 &amp; 108; Must include a writing course</i>	6
Human Relations Requirement: <i>Recommended: BUS 110</i>	3
Humanities/Social Science Requirements	3
Mathematics Requirement: <i>Recommended: MATH 110</i>	3
Science Requirement	6
U.S. and Nevada Constitution Requirement	3

A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

#### AUTOMOTIVE

##### Associate of Applied Science Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.

Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AUTO 101	3 <input type="checkbox"/>	AUTO 155	4 <input type="checkbox"/>
AUTO 115	4 <input type="checkbox"/>	AUTO 160	3 <input type="checkbox"/>
AUTO 130	3 <input type="checkbox"/>	AUTO 227	4 <input type="checkbox"/>
BUS 107	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
AUTO 117	4 <input type="checkbox"/>	AUTO 210	3 <input type="checkbox"/>
AUTO 145	4 <input type="checkbox"/>	BUS 108	3 <input type="checkbox"/>
AUTO 225	4 <input type="checkbox"/>	BUS 110 or Human Relations	3 <input type="checkbox"/>
Humanities/Social Science	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
		U.S./Nevada Constitution	3 <input type="checkbox"/>

#### ACCREDITING AGENCY



#### PROGRAM PARTNERS





# BUSINESS

## Business/Real Estate/Bookkeeping

Prepare for career entry or advancement in accounting, business, management and marketing. Students develop knowledge, skills and abilities to succeed in today's dynamic business environment. WNC offers Associate of Applied Science degrees for direct entry into the business world or an Associate of Business degree that transfers to four-year institutions.

**MISSION:** The purpose of the AAS Business degree is to provide the knowledge and skills necessary to be a successful manager.

**STUDENT LEARNING OUTCOMES:** Students will be able to:

- Articulate and demonstrate their personal employment-related knowledge, skills and abilities.
- Evaluate the impact of various economic systems and policies.
- Summarize, record, analyze, interpret and communicate accounting and financial information for decision-making.
- Devise, implement and evaluate managerial decisions, actions and outcomes.
- Apply technology to aid in communications and decision-making.
- Present research, data, analysis and conclusions through written and oral means.
- Describe the changing landscape of the global market and its impact on the United States.
- Summarize the impact of social, ethical, legal and diversity issues within contemporary business.
- Develop business, financial and marketing plans for established and emerging businesses.

### CERTIFICATE OF ACHIEVEMENT - BUSINESS

Provides students with knowledge and skills for employment in a wide variety of occupations in the field of business.

**TOTAL REQUIREMENTS 30 UNITS**

**PROGRAM REQUIREMENTS 15 UNITS**

ACC 135	Bookkeeping I	3
or ACC 201	Financial Accounting	
BUS 101	Introduction to Business	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3
MKT 210	Marketing Principles	3

**BUSINESS ELECTIVES 6 UNITS**

Any Accounting, Business, Economics, Entrepreneurship, Finance, Management Marketing or Real Estate courses

**GENERAL EDUCATION REQUIREMENTS 9 UNITS**

English/Communications Requirements: Recommended: BUS 107 and BUS 108, or ENG 101 and ENG 102, must be a writing course 6  
Mathematics Requirement 3

BUSINESS			
Certificate of Achievement Suggested Course Sequence			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 135 or ACC 201	3 <input type="checkbox"/>	BUS 108 or ENG 102	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 115 or MATH 120	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
Business Elective	3 <input type="checkbox"/>	Business Elective	3 <input type="checkbox"/>

A list of all courses fulfilling general education requirements for Certificates of Achievement can be found on the Certificate of Achievement page.



### SKILLS CERTIFICATE - REAL ESTATE

WNC offers courses to prepare students for licensure by the Nevada Real Estate Division.

		<b>8 UNITS</b>
RE 101	Real Estate Principles	4
RE 103	Real Estate Principles II	4

### CERTIFICATE OF ACHIEVEMENT - BOOKKEEPING

Designed for students who wish to enter the accounting profession as an accounting clerk or as an entry level bookkeeper. It allows students to obtain credit for courses that will also apply toward the Associate of Applied Science degree in Business-Accounting.

**TOTAL REQUIREMENTS 30 UNITS**

**PROGRAM REQUIREMENTS 15 UNITS**

ACC 135	Bookkeeping I	3
ACC 201	Financial Accounting	3
BUS 101	Introduction to Business	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201*	Principles of Management	3

**PROGRAM ELECTIVES 6 UNITS**

Choose 6 units from any ACC course.

**GENERAL EDUCATION REQUIREMENTS 9 UNITS**

English/Communications Requirements: Recommended: BUS 107, BUS 108; Must include a writing course 6  
Mathematics Requirement 3

\*MGT 201 meets the Human Relations requirement

BOOKKEEPING			
Certificate of Achievement Suggested Course Sequence			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 135	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 108 or ENG/COMM	3 <input type="checkbox"/>
BUS 107 or ENG/COMM	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
BUS 115 or MATH 120	3 <input type="checkbox"/>	Bookkeeping Elective	6 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>		

Sequences based on enrollment that begins with the fall semester. Some courses may not be taught each semester.



# BUSINESS

## General Business

### ASSOCIATE OF APPLIED SCIENCE DEGREE - GENERAL BUSINESS

**TOTAL REQUIREMENTS 60 UNITS**

**CORE BUSINESS REQUIREMENTS 24 UNITS**

BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3
MKT 210	Marketing Principles	3

**ACCOUNTING REQUIREMENTS 6 UNITS**

ACC 201	Financial Accounting	3
& ACC 135	Bookkeeping I	3
or ACC 202*	Managerial Accounting	

**BUSINESS ELECTIVES - IN THREE DIFFERENT AREAS 15 UNITS**

*Any Accounting, Business, Economics, Entrepreneurship, Finance, Management, Marketing or Real Estate courses*

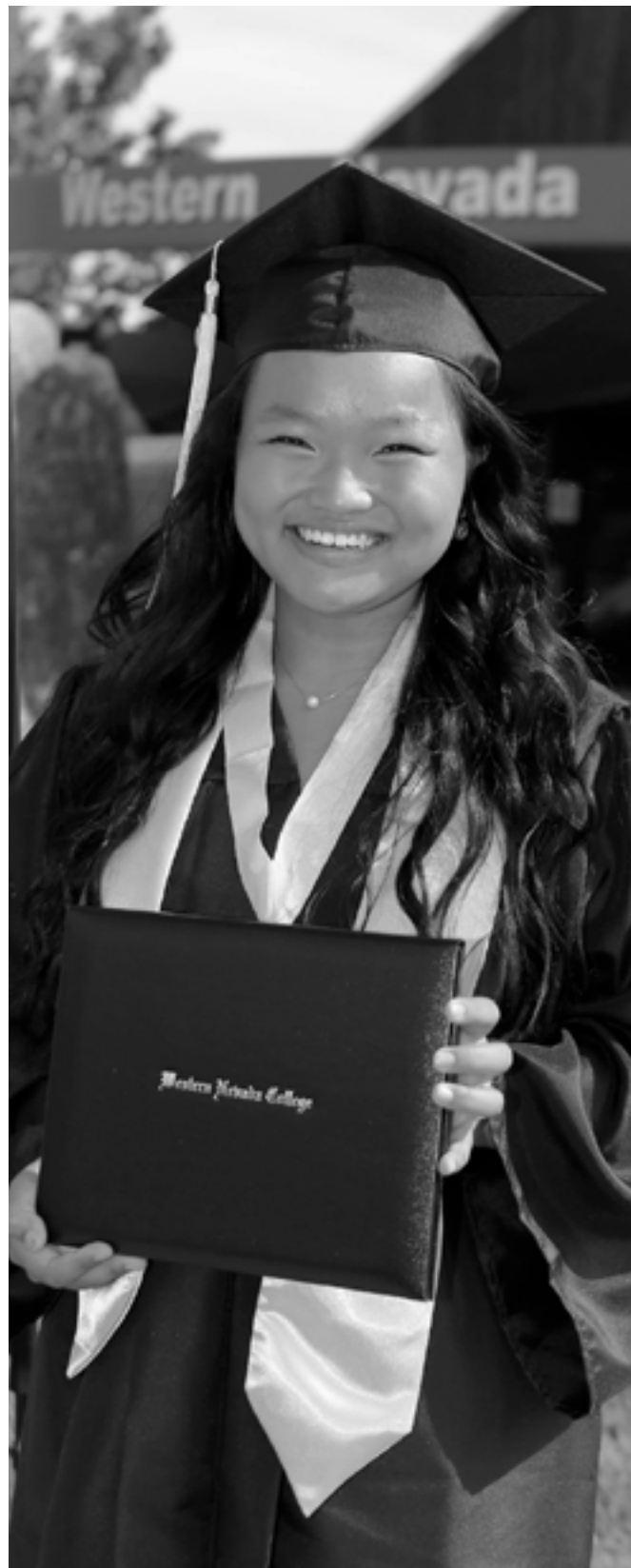
**GENERAL EDUCATION REQUIREMENTS 15 UNITS**

English/Communications Requirement	<i>Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; must include a writing course</i>	6
Mathematics Requirement		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3

*A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.*

*\*Recommended for students who plan to transfer and enroll in a bachelor's degree program.*

BUSINESS			
Associate of Applied Science Suggested Course Sequence			
FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ACC 135 or ACC 201	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	Business Elective	6 <input type="checkbox"/>
BUS 108 or ENG 101	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
IS 101	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ACC 201 or ACC 202	3 <input type="checkbox"/>	BUS 273	3 <input type="checkbox"/>
BUS 107 or ENG 102	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
BUS 115 or MATH 120	3 <input type="checkbox"/>	Business Electives	9 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>		
MGT 201	3 <input type="checkbox"/>		



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# BUSINESS

## Accounting/Management

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ONLINE



### ASSOCIATE OF APPLIED SCIENCE DEGREE - ACCOUNTING

**TOTAL REQUIREMENTS 60 UNITS**

**CORE BUSINESS REQUIREMENTS 30 UNITS**

ACC 201	Financial Accounting	3
ACC 202	Managerial Accounting	3
BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3
MKT 210	Marketing Principles	3

**ACCOUNTING DEGREE REQUIREMENTS 6 UNITS**

ACC 203	Intermediate Accounting	3
ACC 220	Microcomputer Accounting Systems	3
or ACC 223	Introduction to QuickBooks	

**ACCOUNTING ELECTIVES 9 UNITS**

*Choose 9 units from the following:*

ACC 105	Taxation for Individuals	3
ACC 180	Payroll & Employee Benefit Accounting	3
ACC 204	Intermediate Accounting II	3
ACC 220	Microcomputer Accounting Systems	3
ACC 223	Introduction to QuickBooks	3
ACC 261	Governmental Accounting	3
ACC 290	Certified Bookkeeper Course	6
ACC 295	Work Experience I	3
COT 262	Intermediate Spreadsheets Concepts	3
ECON 261*	Principles of Statistics I	3
ECON 262*	Principles of Statistics II	3

**GENERAL EDUCATION REQUIREMENTS 15 UNITS**

English/Communications Requirement: <i>Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; must include a writing course</i>	6
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3

*\*Recommended for students who plan to transfer and enroll in a bachelor's degree program.*

ACCOUNTING			
Associate of Applied Science Suggested Course Sequence			
FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ACC 201	3 <input type="checkbox"/>	ACC 203	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	BUS 273	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	Accounting Elective	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ACC 202	3 <input type="checkbox"/>	ACC 220 or ACC 223	3 <input type="checkbox"/>
BUS 108 or ENG 102	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
MATH: BUS 115 or MATH 120 or higher	3 <input type="checkbox"/>	Accounting Elective	6 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
MGT 201	3 <input type="checkbox"/>		

### ASSOCIATE OF APPLIED SCIENCE DEGREE - MANAGEMENT

**TOTAL REQUIREMENTS 60 UNITS**

**CORE BUSINESS REQUIREMENTS 30 UNITS**

ACC 201	Financial Accounting	3
ACC 202	Managerial Accounting	3
BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3
MKT 210	Marketing Principles	3

**MANAGEMENT REQUIREMENTS 6 UNITS**

MGT 235	Organizational Behavior	3
MGT 283	Introduction to Human Resources Management	3

**MANAGEMENT ELECTIVES 9 UNITS**

*Any Business, Management or Marketing courses*

**GENERAL EDUCATION REQUIREMENTS 15 UNITS**

English/Communications Requirement <i>Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; must include a writing course</i>	6
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3

*\*Recommended for students who plan to transfer and enroll in a bachelor's degree program.*

MANAGEMENT			
Associate of Applied Science Suggested Course Sequence			
FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ACC 201	3 <input type="checkbox"/>	MGT 235	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	Management Elective	6 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	MATH: BUS 115 or MATH 120 or higher	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ACC 202	3 <input type="checkbox"/>	BUS 273	3 <input type="checkbox"/>
BUS 108 or ENG 102	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
MGT 201	3 <input type="checkbox"/>	MGT 283	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	Management Elective	3 <input type="checkbox"/>

*Note: Sequences are based on enrollment that begins with the fall semester. Some courses may not be taught each semester.*

*A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.*

# COMPUTER INFORMATION TECHNOLOGY

## Industry-Aligned Skills Certificates

Computer Information Technology (CIT) is the use and study of computers, networks, computer languages and databases within an organization to solve real problems to maintain functionality. In today's digitally focused economy, CIT career opportunities are abundant and expanding. According to the US Bureau of Labor Statistics (BLS), web development jobs alone are projected to grow as much as 30% by 2031.

This course of study is designed to prepare students for a variety of specializations that are vital to today's collaborative and connected business environments. Topics of focus will include programming, networking, server administration, information security, database design and development, systems analysis and designing, and web development. For career success, the most important skills students can develop are continuing to learn as technology advances and the ability to adapt quickly as industry changes.

Students can start their course of study with any of the Skills Certificates, stacking them on top of each other as they determine their area of interest. Students may also start with an Associate of Applied Science emphasis in mind and, working with an advisor or CIT instructor, plan backward to identify a starting point.

**MISSION:** The mission of the Associate of Applied Science in Technology degree is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

**STUDENT LEARNING OUTCOMES:** Students who complete an Associate of Applied Science in Technology degree are expected to:

- Know the subject matter appropriate to the emphasis of the degree.
- Communicate effectively and appropriately, in oral and written form.
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional.
- Acquire skills and perform tasks necessary for employment or career enhancement.
- Develop an appreciation of the importance of social, ethical, legal and diversity issues.
- Develop an appreciation of the need and importance of lifelong learning.



### SKILLS CERTIFICATE - IT SECURITY - ETHICAL HACKING

This program will prepare students to find vulnerabilities in information systems. Students completing the program will be prepared for the following industry certifications exams: CompTIA Network+, EC-Council Certified Network Defender and EC-Council Certified Ethical Hacker. Students will also be eligible to take the TestOut curriculum Pro series exams.

		<b>13 UNITS</b>
CIT 112	Network+	3
CIT 128	Introduction to Software Development	4
CIT 273	Network Defense	3
CIT 274	Ethical Hacking	3

### SKILLS CERTIFICATE - CISCO ROUTING & SWITCHING

In this program, students will develop the skills to plan, prepare, operate, monitor, and troubleshoot complex converged networks. Students will be prepared for the following industry certifications exams: CompTIA A+, CompTIA Network+ and Cisco CCNA Route and Switch. Students will also be eligible to take TestOut curriculum Pro series exams.

		<b>15 UNITS</b>
CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 220	Routing and Switching	4

### SKILLS CERTIFICATE - FRONT END DEVELOPER

This program will provide the foundation for website development, preparing students for the following industry certifications exams: CompTIA A+, CompTIA Network+ and CIT Site Developer Associate. Students will also be eligible to take the TestOut Pro series exams.

		<b>14 UNITS</b>
CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 151	Beginning Web Development	3

### SKILLS CERTIFICATE - IT SECURITY: GENERAL SECURITY

In this program, students will learn the baseline skills needed to perform core security functions needed for entry level positions. Students completing the program will be prepared for the following industry certifications exams: CompTIA Network+, CompTIA Linux+ and CompTIA Security+. Students will also be eligible to take the TestOut curriculum Pro series exams.

		<b>13 UNITS</b>
CIT 112	Network+	3
CIT 128	Introduction to Software Development	4
CIT 173	Introduction to Linux	3
CIT 217	Security+	3

# COMPUTER INFORMATION TECHNOLOGY

## Industry-Aligned Skills Certificates

### SKILLS CERTIFICATE - CYBERSECURITY

A next step after completing General Security, this program offers preparation for the EC-Council Certified Network Defender, Certified Ethical Hacker and Computer Hacking Forensics Investigator.

		<b>12 UNITS</b>
CIT 217	Security+	3
CIT 273	Network Defense	3
CIT 274	Ethical Hacker	3
CIT 275	Hacking Forensics Investigation	3

### SKILLS CERTIFICATE - MICROSOFT CERTIFIED IT PROFESSIONAL - SERVER ADMINISTRATOR

This program is aligned with the Microsoft Certified Technology Specialist (MCTS) certification program and is designed to give the students the skills needed to implement a Microsoft product or technology as part of an organization's business solution.

		<b>12 UNITS</b>
CIT 211	Microsoft Operating System Management	3
CIT 212	Microsoft Networking II	3
CIT 213	Microsoft Networking III	3
CIT 214	Microsoft Azure Administration	3

### SKILLS CERTIFICATE - IT ESSENTIALS

This program will provide a solid foundation for students to continue in any area of study based on personal or professional interest. Students will be prepared for the following industry certifications exams: CompTIA A+ and CompTIA Network+. Students will also be eligible to take TestOut Pro series exams.

		<b>11 UNITS</b>
CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4

### SKILLS CERTIFICATE - IT PROJECT MANAGEMENT

IT project management includes overseeing projects for software development, hardware installations, network upgrades, cloud computing and virtualization rollouts, business analytics and data management projects and implementing IT services. In this program, students will be prepared for the following industry certifications exams: Microsoft MOS certification(s), CompTIA Project+, PMI CAPM. Students will also be eligible to take the TestOut curriculum Pro series exam.

		<b>13 UNITS</b>
CIT 128	Introduction to Software Development	4
CIT 263	Introduction to IT Project Management	3
IS 101	Introduction to Information Systems	3
COM 101	Oral Communications	3

### SKILLS CERTIFICATE - NETWORK SUPPORT

In this program, students will learn how to keep computer networks running efficiently. Students will be prepared for the following industry certification exams: CompTIA A+, CompTIA Network+ and Wireshark Certified Network Analyst. Students will also be eligible to take the TestOut curriculum Pro series exam.

		<b>15 UNITS</b>
CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 270	Network Tools	4

### SKILLS CERTIFICATE - SECONDARY EDUCATION ENDORSEMENT - PROGRAMMING

This program satisfies the programming requirement for licensed secondary educators in Nevada to add the Advanced Computer Science endorsement, allowing them to teach high school computer science courses. Coursework can be completed online. Students will be prepared for the following industry certifications exams: Python Institute's PCEP – Certified Entry-Level Python Programmer and PCAP – Certified Associate in Python Programming certifications.

		<b>10 UNITS</b>
CIT 128	Introduction to Software Development	4
CIT 148	Beginning Python Programming	3
CIT 248	Advanced Python Programming	3

## INDUSTRY CERTIFICATIONS



# COMPUTER INFORMATION TECHNOLOGY

## Certificate of Achievement and Degree

### CERTIFICATE OF ACHIEVEMENT - COMPUTER INFORMATION TECHNOLOGY

The Certificate of Achievement in Computer Information Technology allows a student to gain foundational knowledge and earn different industry recognized certifications that align with specific job opportunities in a variety of technology areas such as programming, front end or back end developer, networking, cybersecurity, IT program management and other emerging fields. Students may pursue different areas of personal or professional interests based on their choice of electives.

**TOTAL REQUIREMENTS 30 UNITS**

**PROGRAM REQUIREMENTS 21 UNITS**

CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 217	Security +	3

**Choose 7 units from the following program electives:**

Any Computer Information Technology (CIT) course (units vary)

INF 100	Introduction to Informatics I - Basic Concepts	3
CS 135	Computer Science I	3
CS 202	Computer Science II	3

**GENERAL EDUCATION REQUIREMENTS 9 UNITS**

English/Communications	<i>Must include a writing course</i>	3
Human Relations		3
Mathematics		3

#### COMPUTER INFORMATION TECHNOLOGY Certificate of Achievement Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
CIT 112	3 <input type="checkbox"/>	CIT 217	3 <input type="checkbox"/>
CIT 114	4 <input type="checkbox"/>	CIT Elective	7 <input type="checkbox"/>
CIT 128	4 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	Mathematics	3 <input type="checkbox"/>

A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.



### ASSOCIATE OF APPLIED SCIENCE TECHNOLOGY DEGREE - COMPUTER INFORMATION TECHNOLOGY

Students may earn a general degree in CIT by completing the program requirements and any combination of electives. Students who wish to specialize may choose a pathway area and complete the specific electives for each. The four pathway areas are Front End Development, Back End Developer, Cybersecurity and Programming.

Students should meet with an advisor or faculty member in the CIT department for assistance selecting a degree pathway.

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 217	Security+	3
CIT 263	Introduction to IT Project Management	3

**PROGRAM ELECTIVES**

Choose 19 units from the following:

Any Computer Information Technology (CIT) course	units vary	
Any Information Systems (IS) course	units vary	
INF 100	Introduction to Informatics I - Basic Concepts	3
CS 135	Computer Science I	3
CS 202	Computer Science II	3

Students can select program electives from at least one designated pathway, as listed on the next two pages, based on individual student interests, career goals, etc.\*

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement	<i>Must include a writing course</i>	6
Human Relations Requirement		3
Humanities/Social Science Requirement		3
Mathematics Requirement	<i>Recommended MATH 124</i>	3
Science Requirement		3
U.S. & Nevada Constitution Requirement		3
General Elective		3

\*Students should meet with an advisor or faculty member in the CIT department for assistance with selecting degree pathways.

A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

#### COMPUTER INFORMATION TECHNOLOGY Associate of Applied Science Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CIT 114	4 <input type="checkbox"/>	CIT 217	3 <input type="checkbox"/>
CIT 112	3 <input type="checkbox"/>	Program Electives	6 <input type="checkbox"/>
CIT 128	4 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	Mathematics	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CIT 263	3 <input type="checkbox"/>	Program Electives	7 <input type="checkbox"/>
Program Electives	6 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
ENG 102 or 107	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>



# COMPUTER INFORMATION TECHNOLOGY

## Industry-Aligned Pathways

Students may earn a general degree in CIT by completing the program requirements and any combination of electives. Students who wish to specialize may choose a pathway area and complete the specific electives for each. The four pathway areas are **Front End Development**, **Back End Developer**, **Cybersecurity** and **Programming**. Students should meet with an advisor or faculty member in the CIT department for assistance selecting a degree pathway.

### FRONT END DEVELOPER PATHWAY

Front end developers ensure that website visitors can easily interact with the page. This program pathway will allow students to develop the combination of skills needed to code a website, including design, technology, programming and debugging.

**TOTAL REQUIREMENTS 62 UNITS**

**PROGRAM REQUIREMENTS 41 UNITS**

CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 217	Security+	3
CIT 263	Introduction to IT Project Management	3

#### FRONT END DEVELOPER PATHWAY REQUIREMENTS

CIT 151	Beginning Web Development	3
CIT 152	Web Script Language Programming	3
CIT 251	Advanced Web Development	3
CIT 130	Beginning Java	3
or CIT 148	Beginning Python Programming	
INF 100	Introduction to Informatics – Basic Concepts	3
CIT 180	Database Concepts and SQL	3

#### PROGRAM ELECTIVE

Choose 6 units from the following:

CIT 134	Beginning C# Programming	3
CIT 230	Advanced Java	3
or CIT 248	Advanced Python Programming	

**GENERAL EDUCATION REQUIREMENTS 21 UNITS**

English/Communications	must include a writing course	6
Human Relations Requirement		3
Humanities/Social Science Requirement		3
Mathematics Requirement: Recommended MATH 124		3
Science Requirement		3
U.S. & Nevada Constitution Requirement		3

#### FRONT END DEVELOPER PATHWAY - Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CIT 114	4 <input type="checkbox"/>	CIT 112	3 <input type="checkbox"/>
CIT 128	4 <input type="checkbox"/>	CIT 134	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	CIT 180	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	CIT 1217	3 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	ENG 102 or 107	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CIT 130 or 148	3 <input type="checkbox"/>	CIT 230 or 248	3 <input type="checkbox"/>
CIT 151	3 <input type="checkbox"/>	CIT 251	3 <input type="checkbox"/>
CIT 152	3 <input type="checkbox"/>	CIT 263	3 <input type="checkbox"/>
INF 100	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>

### BACK END DEVELOPER PATHWAY

Back end developers build and maintain the mechanisms that process data and perform the unseen actions on websites. This program pathway will allow students to develop critical skills in data storage, security and various server-side functions.

**TOTAL REQUIREMENTS 64 UNITS**

**PROGRAM REQUIREMENTS 43 UNITS**

CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 217	Security+	3
CIT 263	Introduction to IT Project Management	3

#### BACK END DEVELOPER PATHWAY REQUIREMENTS

CIT 220	Routing and Switching	4
CIT 270	Network Tools	4
CIT 130	Beginning Java	3
CIT 148	Beginning Python Programming	3
CIT 230	Advanced Java	
or CIT 248	Advanced Python Programming	3

**PROGRAM ELECTIVE - SYSTEM ADMINISTRATION 6**

Choose 6 units from the following:

CIT 173	Introduction to Linux	3-5
CIT 211	Microsoft Operating System Management	3-5
CIT 212	Microsoft Networking II	3-5
CIT 214	Microsoft Azure Administration	3-5

**PROGRAM ELECTIVE - DATABASE 3**

Choose 3 units from the following:

CIT 180	Database Concepts and SQL	
INF 100	Introduction to Informatics	

**GENERAL EDUCATION REQUIREMENTS 21 UNITS**

English/Communications	Must include a writing course	6
Human Relations Requirement		3
Humanities/Social Science Requirement		3
Mathematics Requirement: Recommended MATH 124		3
Science Requirement		3
U.S. & Nevada Constitution Requirement		3

#### BACK END DEVELOPER PATHWAY - Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CIT 114	4 <input type="checkbox"/>	CIT 112	3 <input type="checkbox"/>
CIT 128	4 <input type="checkbox"/>	CIT 148	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	CIT 180	3 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	CIT 217	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	ENG 102 or 107	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CIT 130	3 <input type="checkbox"/>	CIT 212	3 <input type="checkbox"/>
CIT 211	3 <input type="checkbox"/>	CIT 230 or 248	3 <input type="checkbox"/>
CIT 220	4 <input type="checkbox"/>	CIT 263	3 <input type="checkbox"/>
Humanities/Social Science	3 <input type="checkbox"/>	CIT 270	4 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>

A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

# COMPUTER INFORMATION TECHNOLOGY

## Industry-Aligned Pathways

### CYBERSECURITY PATHWAY

Specialists in cybersecurity plan and execute security measures to shield computer systems, networks and networked devices from external threats, infiltration and cyberattacks. Students earning this program pathway will understand how to prevent, monitor and respond to data breaches and cyberattacks.

**TOTAL REQUIREMENTS 61 UNITS**

**PROGRAM REQUIREMENTS 40 UNITS**

CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 217	Security+	3
CIT 263	Introduction to IT Project Management	3

**CYBERSECURITY PATHWAY REQUIREMENTS:**

CIT 220	Routing and Switching	4
CIT 270	Network Tools	4
CIT 273	Network Defense	3
CIT 274	Ethical Hacking	3
CIT 275	Hacking Forensics Investigation	3

**PROGRAM ELECTIVE – SYSTEM ADMINISTRATION 6**

*Choose 6 units from the following:*

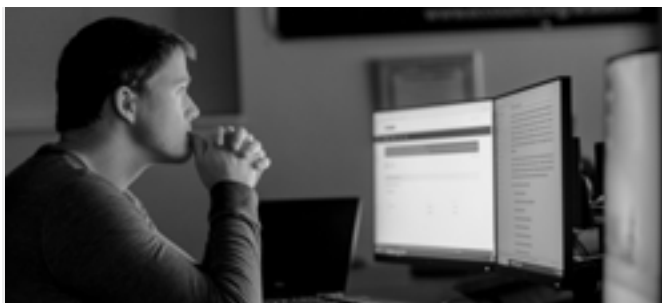
CIT 211	Microsoft Operating System Management	
CIT 212	Microsoft Networking II	
CIT 214	Microsoft Azure Administration	
CIT 173	Introduction to Linux	

**GENERAL EDUCATION REQUIREMENTS 21 UNITS**

English/Communications	<i>Must include a writing course</i>	6
Human Relations Requirement		3
Humanities/Social Science Requirement		3
Mathematics Requirement: Recommended MATH 124		3
Science Requirement		3
U.S. & Nevada Constitution Requirement		3

#### CYBERSECURITY PATHWAY - Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CIT 114	4 <input type="checkbox"/>	CIT 112	3 <input type="checkbox"/>
CIT 128	4 <input type="checkbox"/>	CIT 212	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	CIT 217	3 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	ENG 102 or 107	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CIT 173	3 <input type="checkbox"/>	CIT 263	3 <input type="checkbox"/>
CIT 220	4 <input type="checkbox"/>	CIT 270	4 <input type="checkbox"/>
CIT 273	3 <input type="checkbox"/>	CIT 275	3 <input type="checkbox"/>
CIT 274	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>



A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

### PROGRAMMING PATHWAY

In today's digital world, programmers play an important role in writing code for computer programs and applications that improve efficiencies. Additionally, programmers are involved in maintaining, debugging and troubleshooting systems and software to ensure smooth operations.

**TOTAL REQUIREMENTS 62 UNITS**

**PROGRAM REQUIREMENTS 41 UNITS**

CIT 112	Network+	3
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 217	Security+	3
CIT 263	Introduction to IT Project Management	3

**PROGRAMMING PATHWAY REQUIREMENTS:**

CIT 130	Beginning Java	3
CIT 148	Beginning Python Programming	3

**PROGRAM ELECTIVE – PROGRAMMING Choose 3 units from the following: 3**

CIT 134	Beginning C# Programming	
CIT 135	Computer Science I	
CIT 230	Advanced Java	
CS 248	Advanced Python Programming	

**PROGRAM ELECTIVE – WEB DEVELOPMENT Choose 3 units from the following: 3**

CIT 151	Beginning Web Development	
CIT 152	Web Script Language Programming	
CIT 251	Advanced Web Development	

**PROGRAM ELECTIVE – DATABASE Choose 3 units from the following: 3**

CIT 180	Database Concepts and SQL	
INF 100	Introduction to Informatics I – Basic Concepts	

**PROGRAM ELECTIVE – SPECIALTY Choose 6 units from the following: 6**

CIT 280	Introduction to Blockchain Concepts	
CIT 281	Intermediate Blockchain Concepts	
CIT 284	Unity Programming I	
CIT 285	Unity Programming II	

**DEPARTMENT ELECTIVE**

Any Computer Information Technology (CIT) course 3

**GENERAL EDUCATION REQUIREMENTS 21 UNITS**

English/Communications	<i>Must include a writing course</i>	6
Human Relations Requirement		3
Humanities/Social Science Requirement		3
Mathematics Requirement: Recommended MATH 124		3
Science Requirement		3
U.S. & Nevada Constitution Requirement		3

#### PROGRAMMING PATHWAY - Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CIT 114	4 <input type="checkbox"/>	CIT 112	3 <input type="checkbox"/>
CIT 128	4 <input type="checkbox"/>	CIT 148	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	CIT 217	3 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	ENG 102 or 107	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CIT 130	3 <input type="checkbox"/>	CIT 180	3 <input type="checkbox"/>
CIT 134	3 <input type="checkbox"/>	CIT 263	3 <input type="checkbox"/>
CIT 151	3 <input type="checkbox"/>	CIT 285	3 <input type="checkbox"/>
CIT 284	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>

# CONSTRUCTION TECHNOLOGY

## Construction

WNC's Construction program provides training for a wide range of skills and certifications needed for entry and advancement in the building trades industry. Students will study contract administration, job coordination, negotiation and communication, quality control, and management of resources to include labor, equipment, materials, and budget.

The Construction Certificate of Achievement and Associate of Applied Science degree provide students with a broad working knowledge of the construction industry. This positions students for entry into the field or, for those already working, opens opportunities for career advancement or further study in Construction Management (see WNC Bachelor of Applied Science). Students will develop trade-related skills, apply safety practices, understand construction management documents, and practice effective communication and management.

**MISSION:** To provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

### STUDENT LEARNING OUTCOMES:

- Know the appropriate subject matter.
- Communicate effectively and appropriately, in oral and written form.
- Locate, evaluate, and properly utilize the tools and resources appropriate to a technology degree professional
- Acquire skills and perform tasks necessary for employment or career enhancement.
- Develop an appreciation of the importance of social, ethical, legal and diversity issues.
- Develop an appreciation of the need and importance of lifelong learning.

### SKILLS CERTIFICATE - CONSTRUCTION GATEWAY

These courses prepare students with the basic knowledge and skills needed on any jobsite. Upon successful completion, students are eligible to take the Construction Craft Laborer credential exam offered by the National Center for Construction Education and Research (NCCER).

		15 UNITS
CEM 100	Fundamentals of Construction Management	3
CONS 108	Construction Methods/Materials I	4
CONS 120	Blueprint Reading and Specification	3
CONS 205	Construction Safety	2
MATH 110	Mathematics for Industry	3

### SKILLS CERTIFICATE - CONSTRUCTION SKILLS

This certificate builds on the Construction Gateway, teaching more advanced construction methods, understanding building codes and reading contract documents. The required internship allows students to apply new concepts in a work environment (for those already working, this can be aligned with current job responsibilities).

		15 UNITS
BUS 107	Business Speech Communications	3
	or ENG 101 Composition I	
CONS 109	Construction Methods/Materials II	4
CONS 111	Commercial Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 290	Internship in Construction	3

**For information on Bachelor of Applied Science Degree  
in Construction Management, see page 21.**

### CERTIFICATE OF ACHIEVEMENT - CONSTRUCTION

This certificate program prepares students for careers in the construction industry, from entry level to management/supervision opportunities. Students completing this certificate will be ready to advance to management careers that include foreman, site supervisor, planner, scheduler, estimator and more.

**TOTAL REQUIREMENTS 31-33 UNITS**

#### PROGRAM REQUIREMENTS 21 UNITS

CEM 100	Fundamentals of Construction Management	3
CONS 108	Construction Materials and Methods I	4
CONS 109	Construction Materials and Methods II	4
CONS 111	Commercial Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 120	Blueprint Reading and Specification	3
CONS 205	Construction Safety	2

#### GENERAL EDUCATION REQUIREMENTS 10-12 UNITS

English/Communications	<i>Must include a writing course</i>	6
Mathematics	<i>MATH 110 or higher</i>	3
Human Relations		1-3

CONSTRUCTION Certificate of Achievement Suggested Course Sequence			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
CEM 100	3 <input type="checkbox"/>	CONS 109	4 <input type="checkbox"/>
CONS 108	4 <input type="checkbox"/>	CONS 111	3 <input type="checkbox"/>
CONS 205	2 <input type="checkbox"/>	CONS 118	2 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	CONS 120	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	English/Communications	3 <input type="checkbox"/>
		Human Relations	1-3 <input type="checkbox"/>

*A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.*



# CONSTRUCTION TECHNOLOGY

## Construction

### ASSOCIATE OF APPLIED SCIENCE TECHNOLOGY DEGREE - CONSTRUCTION

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

CADD 100	Introduction to Computer Aided Drafting	3
CEM 100	Fundamentals of Construction Management	3
CONS 108	Construction Materials and Methods I	4
CONS 109	Construction Materials and Methods II	4
CONS 111	Commercial Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 120	Blueprint Reading and Specification	3
CONS 121	Principles of Construction Estimating	3
CONS 205	Construction Site Safety	2
CONS 281	Construction Planning Scheduling and Control	3
CONS 290	Internship in Construction	3
SUR 119	Construction Surveying	3

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement: <i>Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; Must include a writing course</i>	6
Human Relations: <i>Recommended: BUS 110</i>	3
Humanities/Social Science Requirement	3
Mathematics Requirement: MATH 126 or higher	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Elective	3

*\*Recommended for students who plan to transfer and enroll in a bachelor's degree program.*

*A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.*

CONSTRUCTION TECHNOLOGY			
Associate of Applied Science Suggested Course Sequence			
FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CEM 100	3 <input type="checkbox"/>	CADD 100	3 <input type="checkbox"/>
CONS 108	4 <input type="checkbox"/>	CONS 111	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	CONS 118	2 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	Humanities/ Social Science	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CONS 109	4 <input type="checkbox"/>	CONS 121	3 <input type="checkbox"/>
CONS 120	3 <input type="checkbox"/>	CONS 205	2 <input type="checkbox"/>
SUR 119	3 <input type="checkbox"/>	CONS 281	3 <input type="checkbox"/>
ENG 102	3 <input type="checkbox"/>	CONS 290	3 <input type="checkbox"/>
Mathematics 126 or higher	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>



# CONSTRUCTION TECHNOLOGY

## Construction & Building Trades

### SKILLS CERTIFICATE - HEATING, VENTILATION, AIR-CONDITIONING/REFRIGERATION

With demand for HVAC/R technicians in Nevada growing quickly, now is the right time for a career in climate control systems. Offered on WNC's Fallon campus, these courses provide the foundation in electrical, installation and repair.

PROGRAM REQUIREMENTS		12 UNITS
AC 102	Refrigeration Theory	3
AC 107	Electrical and Controls for HVAC	6
AC 113	Schematic Reading for HVAC/R	3

### SKILLS CERTIFICATES - ENERGY AUDITOR

In early 2025, the State of Nevada began offering home energy rebate programs to help residents pay for energy-efficient home improvements. These skills certificates will prepare students to earn Building Performance Institute (BPI) certifications required to conduct various types of residential energy audits. WNC is partnering with Everblue to offer these certificates as upskilling opportunities or through an apprenticeship structure. For more information about enrolling in these programs, contact Deb Conrad: [deb.conrad@wnc.edu](mailto:deb.conrad@wnc.edu)

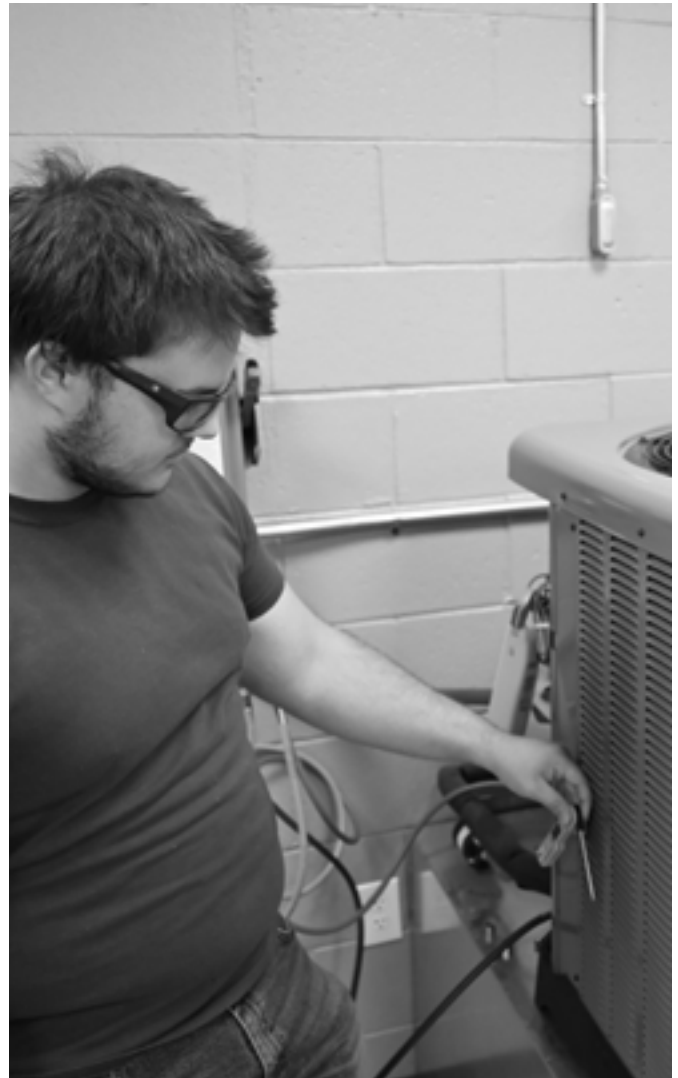
RESIDENTIAL ENERGY AUDITOR FOUNDATION		5 UNITS
ENRG 160	Building Science Principles	1
ENRG 161	Building Analyst Technician	3
ENRG 162	Building Analyst Professional	1

RESIDENTIAL ENERGY AUDITOR ADVANCED		8 UNITS
ENRG 160	Building Science Principles	1
ENRG 161	Building Analyst Technician	3
ENRG 162	Building Analyst Professional	1
ENRG 165	Professional Home Energy Auditor	3

RESIDENTIAL ENERGY AUDITOR - INFILTRATION & DUCT LEAKAGE		6 UNITS
ENRG 160	Building Science Principles	1
ENRG 161	Building Analyst Technician	3
ENRG 162	Building Analyst Professional	1
ENRG 164	Building Infiltration & Duct Leakage	1

ENERGY AUDIT INSPECTION		6 UNITS
ENRG 160	Building Science Principles	1
ENRG 161	Building Analyst Technician	3
ENRG 162	Building Analyst Professional	1
ENRG 167	Home Energy Audit Quality Control Inspection	1

ENERGY AUDITOR LEADERSHIP		7 UNITS
ENRG 160	Building Science Principles	1
ENRG 161	Building Analyst Technician	3
ENRG 162	Building Analyst Professional	1
ENRG 166	Energy Auditor Leadership	2



everblue®



# CRIMINAL JUSTICE

## Certificate of Achievement and Degree

This program provides students the opportunity to explore all areas of the criminal justice system, including law enforcement, policing and investigations, corrections, parole and probation, prosecution and courts, juvenile justice, and rehabilitation options within the community. Students will receive valuable access and networking with experienced instructors who have studied and worked extensively in all areas of the criminal justice system. Students interested in pursuing a bachelor degree in criminal justice should choose the Associate of Arts degree and work closely with an advisor when choosing their classes.

**MISSION:** The purpose of the criminal justice degree is to provide the academic knowledge and skills in the criminal justice field.

**STUDENT LEARNING OUTCOMES:** Students who complete the Associate of Applied Science degree in Criminal Justice are expected to demonstrate they can:

- Meet the general education requirements of WNC.
- Maintain proper professional attitude for law enforcement.
- Articulate the legal requirements of search and seizure.
- Recognize and evaluate criminal law.
- Process crime scenes.
- Analyze theories for committing crimes.
- Maintain vocabulary necessary for criminal justice.
- Have an acute awareness of cultural diversity.
- Maintain crime scenes.

### CERTIFICATE OF ACHIEVEMENT - CRIMINAL JUSTICE

**TOTAL REQUIREMENTS 30 UNITS**

**PROGRAM REQUIREMENTS 21 UNITS**

CRJ 104	Introduction to the Administration of Justice	3
CRJ 106	Introduction to Corrections	3
	or CRJ 211 Police in America	
CRJ 164	Principles of Investigation	3
CRJ 222	Criminal Law and Procedure	3
CRJ 225	Criminal Evidence	3
CRJ 270	Introduction to Criminology	3
	Program Elective	3

**GENERAL EDUCATION REQUIREMENTS 6 UNITS**

English/Communications Requirement	<i>Must include writing course</i>	3
Mathematics Requirement		3

**GENERAL ELECTIVE 3 UNITS**

A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

#### CRIMINAL JUSTICE

##### Certificate of Achievement Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
CRJ 104	3 <input type="checkbox"/>	CRJ 164	3 <input type="checkbox"/>
CRJ 106 or CRJ 211	3 <input type="checkbox"/>	CRJ 222	3 <input type="checkbox"/>
CRJ 225	3 <input type="checkbox"/>	CRJ 270	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	Mathematics	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>

### ASSOCIATE OF APPLIED SCIENCE DEGREE - CRIMINAL JUSTICE

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

CRJ 104*	Introduction to the Administration of Justice	3
CRJ 106*	Introduction to Corrections	3
CRJ 155	Juvenile Justice System	3
CRJ 164	Principles of Investigation	3
CRJ 211*	Police in America	3
CRJ 222*	Criminal Law and Procedure	3
CRJ 234*	Introduction to Courts/American Legal System	3
CRJ 225	Criminal Evidence	3
CRJ 270*	Introduction to Criminology	3

**Choose 9 units from the following program electives:**

Any CRJ course		1-6
ART 135	Darkroom Photography I	3
ART 141	Introduction to Digital Photography I	3
BUS 107	Business Speech Communications	3
COM 101	Oral Communications	3
CPD 116	Substance Abuse-Fundamental Fact and Insights	3
CPD 117	Introduction to Counseling	3
CPD 129	Communication Techniques	1
HIST 226	Popular Culture and History: Organized Crime	3
STAT152	Introduction to Statistics	3
SW 230	Crisis Intervention	3
Any IS, COT or CIT course		1-6
Any Foreign Language		1-6
Any PSY or SOC		1-6

\*Direct transfer to UNR for CRJ major

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement	<i>Recommended: ENG 101 and 102</i>	6
Humanities Requirement		3
Mathematics Requirement	<i>Recommended: MATH 120* or higher</i>	3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Electives		6

#### CRIMINAL JUSTICE

##### Associate of Applied Science Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CRJ 104	3 <input type="checkbox"/>	CRJ 155	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	CRJ 211	3 <input type="checkbox"/>
Humanities	3 <input type="checkbox"/>	CRJ 225	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CRJ 106	3 <input type="checkbox"/>	CRJ 222	3 <input type="checkbox"/>
CRJ 164	3 <input type="checkbox"/>	CRJ 234	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>	CRJ 270	3 <input type="checkbox"/>
ENG 102	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>



A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

**EARN THIS DEGREE ONLINE**



# DEAF STUDIES

## American Sign Language

This degree will help students develop knowledge about American Sign Language, cultural impacts related to being deaf or hard of hearing and the state of Nevada statutory regulations that govern interpreting. Students will prepare for a variety of careers including teaching, social work, psychology, speech and language pathology or any career that interacts with the deaf.

**MISSION:** The mission of the Western Nevada College Deaf Studies AAS Degree Program is to provide a quality education to students, thus developing their comprehensive expressive/receptive skills in American Sign Language, fingerspelling fluency and knowledge of the history and culture of people who are deaf or hard of hearing. Students are provided a strong foundation in which to enter numerous high-demand professional fields that provide services to deaf or hard-of-hearing people.

**STUDENT LEARNING OUTCOMES:** Upon completing the Deaf Studies Associate of Applied Science degree, students will be able to:

- Produce basic expressive/receptive sign language communicative skills.
- Demonstrate appropriate ASL linguistic and grammatical structure in signing.
- Demonstrate functional language aptitude in American Sign Language including expressive/receptive signing.
- Demonstrate knowledge of linguistic, cultural, educational and social aspects in relation to the history of people who are deaf or hard of hearing.
- Demonstrate basic fluency in receptive and expressive pragmatics and production of fingerspelling in ASL.



### ASSOCIATE OF APPLIED SCIENCE DEGREE - DEAF STUDIES

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

AM 140*	American Sign Language I/II	6
AM 141**	American Sign Language III/IV	6
AM 149	American Sign Language V	4
AM 150	American Sign Language VI	4
AM 151	Fingerspelling I	1
AM 152	Fingerspelling II	1
AM 215	Conversational ASL	4
AM 216	Receptive ASL	4
AM 253	Deaf Culture	3
AM 254	Deaf History	3

\*Students can take AM 145 and AM 146 (4 units each) in place of AM 140 (6 units)

\*\*Students can take AM 147 and AM 148 (4 units each) in place of AM 141 (6 units)

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement	3
Humanities/Social Science Requirement	3
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Elective (THTR 105 recommended)	3

A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

### CERTIFICATE OF ACHIEVEMENT - AMERICAN SIGN LANGUAGE

**TOTAL REQUIREMENTS 30 UNITS**

**PROGRAM REQUIREMENTS 18 UNITS**

AM 140*	American Sign Language I/II	6
AM 141**	American Sign Language III/IV	6
AM 151	Fingerspelling I	1
AM 152	Fingerspelling II	1
Any other AM course		4

**GENERAL EDUCATION REQUIREMENTS 12 UNITS**

English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement	3
Mathematics Requirement	3

AMERICAN SIGN LANGUAGE			
Certificate of Achievement Suggested Course Sequence			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
AM 140	6 <input type="checkbox"/>	AM 141	6 <input type="checkbox"/>
AM 151	1 <input type="checkbox"/>	AM 152	1 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	AM Elective	4 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	English/Communications	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>		

A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.



DEAF STUDIES			
Associate of Applied Science Suggested Course Sequence			
FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AM 140*	6 <input type="checkbox"/>	AM 149	4 <input type="checkbox"/>
AM 151	1 <input type="checkbox"/>	AM 216	4 <input type="checkbox"/>
AM 254	3 <input type="checkbox"/>	Mathematics	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	U.S./Nev. Constitution	3 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
AM 141**	6 <input type="checkbox"/>	AM 150	4 <input type="checkbox"/>
AM 152	1 <input type="checkbox"/>	AM 215	4 <input type="checkbox"/>
AM 253	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
Humanities/Social Science	3 <input type="checkbox"/>	(THTR 105 Recommended)	

# TEACHER EDUCATION

## Early Childhood, Paraprofessional and Elementary Education

Students can prepare for transfer to a four-year institution or earn a certificate in Early Childhood Education. Students interested in a bachelor's degree in education should use education courses as electives in an Associate of Arts or Associate of Science transfer degree.

### SKILLS CERTIFICATE - EARLY CHILDHOOD EDUCATOR I

These courses provide students with the foundational skills needed to successfully work in an early childhood education setting, such as preschool, childcare or community education programs. Coursework satisfies some of the initial courses of training required for caregivers working in licensed facilities (NAC 432A). Please check the Nevada Registry for more information (nevadaregistry.org). **Industry Certifications:** CPR

PROGRAM REQUIREMENTS		7.5 UNITS
ECE 250	Introduction to Early Childhood Education	3
ECE 204	Principles of Child Guidance	3
ECE 168	Infectious Diseases & First Aid	1
EMS 100	CPR Certification	.5

### SKILLS CERTIFICATE - EARLY CHILDHOOD EDUCATOR II

These courses advance the foundational skills needed for success in an early childhood education career, such as a preschool, childcare or community education program. Coursework may satisfy initial courses of training required for caregivers working in licensed facilities (NAC 432A) or continuing education requirements. Please check the Nevada Registry for more information (nevadaregistry.org). Students will be prepared to take the industry certification exam issued by the American Association of Family and Consumer Science (AAFCS) Early Childhood Education.

PROGRAM REQUIREMENTS		10 UNITS
ECE 251	Curriculum in Early Childhood Education	3
ECE 200	The Exceptional Child	3
ECE 121	Parent and Caregiver Relations	1
ECE 231	Preschool Practicum	3

### CERTIFICATE OF ACHIEVEMENT - EARLY CHILDHOOD EDUCATION

Students will prepare to work in early childhood settings (day care, preschool education and community education programs) and learn human development and cognitive skills associated with early childhood and Pre-K children. Students interested in transferring to a four-year education program should consult with an academic advisor.

TOTAL REQUIREMENTS	30 UNITS
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PROGRAM REQUIREMENTS		21 UNITS
ECE 250	Introduction to Early Childhood Education	3
ECE 251	Curriculum in Early Childhood Education	3
ECE 204	Principles of Child Guidance	3
ECE 200	The Exceptional Child	3
HDFS 201	Life Span Human Development	3
HDFS 232	Diversity and The Young Child	3

**Choose 3 units from the following program electives:**

ECE 231, HDFS 202, EDU 214, EDU 207, or PSY 233	3
---	---

GENERAL EDUCATION REQUIREMENTS		9 UNITS
English/Communications Requirements: <i>Recommended Eng 100 or ENG 101</i>		
<i>Must include a writing course</i>	3	
Mathematics Requirement: <i>Recommended Math 120 or higher</i>	3	
General Elective	3	

# TEACHER EDUCATION

WNC offers introductory courses in education to allow students an entry into various teaching career pathway such as paraprofessional, substitute teaching, elementary education, special education or secondary education.

Courses can transfer to universities or colleges that offer a bachelor's degree in education, including the University of Nevada, Reno, and Nevada State University.

# PARAPROFESSIONAL TRAINING

Nevada has a growing demand for paraprofessionals. For those seeking to enter this career or already in the classroom, this certificate equips individuals with the essential knowledge and tools to support educators and enhance student success in diverse educational settings.

### SKILLS CERTIFICATE - FOUNDATIONS OF ELEMENTARY EDUCATION

The courses in this certificate will provide participants with an overview of elementary education and prepare them to become certified paraprofessionals and/or provide the foundation to continue their educational pathway to an elementary education degree. Students will be prepared to take the ETS-Praxis Parapro Assessment.

PROGRAM REQUIREMENTS		15 UNITS
EDU 201	Introduction to Elementary Education	3
EDU 203	Introduction to Special Education	3
EDU 206	Classroom Learning Environments	3
EDU 220	Principles of Educational Psychology	3
EDU 245	Foundations of Elementary Literacy & the Science of Reading	3

## NEVADA STATE UNIVERSITY PARTNERSHIP

### Bachelor of Arts in Elementary or Special Education – Transfer Program

WNC students who have an Associate of Arts degree or are close to completing the first two years of college can complete a four-year degree without leaving the Northern Nevada area.

Through a partnership with NSU, students can take classes online to earn a bachelor's degree and certification in Elementary Education, K-8, and special education while completing field experience and student teaching in Northern Nevada.

For more information about this program, contact the Workforce, Career and Technical Education Division at 775-445-4722.

*A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page. Some courses are not taught each semester. Students should work with an advisor for suggested courses by semester.*

# TEACHER EDUCATION

## Career & Technical Teacher Training (Secondary Education)

WNC recognizes the essential role of CTE teachers in advancing Nevada's economic goals and is committed to supporting their success in Nevada's classrooms. The CTE Teacher Training Pathway strengthens Nevada's workforce development strategy by preparing CTE educators with Business & Industry licenses, or those seeking to transition into CTE teaching from business/industry professions, to guide the next generation in exploring career pathways and developing practical skills aligned with industry needs. This program equips educators to deliver high-quality instruction while meeting licensure requirements and providing immediate support and mentorship.

The program offers foundational training in pedagogy, classroom management, curriculum design, and educational standards, helping teachers navigate school environments and build the tools necessary for success. Participants develop essential skills for engaging diverse student populations, managing school operations, and integrating academic literacy into career-specific teaching practices, ensuring alignment with state standards.

Students can start their studies with any of the Skills Certificates, depending on their licensure timeline, and stack these credentials toward a Certificate of Achievement or an Associate of Applied Science degree. Alternatively, they may begin with the Associate of Applied Science and work backward to identify their ideal starting point.

To support their educational journey, students are encouraged to consult with the Nevada Department of Education's Office of Career Readiness, Adult Learning, and Education Options (CRALEO) and WNC's Financial Aid Office to explore scholarship and financial aid opportunities.

**MISSION:** The mission of the Associate of Applied Science degree in CTE Classroom Teaching is to provide employment-related knowledge and skills necessary to succeed as a professional in the field.

**STUDENT LEARNING OUTCOMES:** Students who complete an Associate of Applied Science degree in CTE Classroom Teaching are expected to:

- Understand the history of CTE and the connection to economic and workforce development.
- Understand the concepts and strategies for quality curriculum development, selecting effective teaching methods, and assessing student outcomes.
- Understand the definitions, concepts, strategies and tools that support performance/ mastery-based learning, differentiation, and inclusive practices.
- Understand the role of academic language, literacy and numeracy skill in CTE and the use of effective teaching strategies to reinforce these skills.

**FOR MORE INFORMATION ABOUT SECONDARY/HIGH SCHOOL CAREER AND TECHNICAL EDUCATION LICENSURE, VISIT:**

<https://doe.nv.gov/educator-licensure/secondary-high-school-career-and-technical-education-licenses>

**BUSINESS & INDUSTRY REQUIREMENTS:**

[https://webapp-strapi-paas-prod-nde-001.azurewebsites.net/uploads/business\\_and\\_industry\\_4875213bf3.pdf](https://webapp-strapi-paas-prod-nde-001.azurewebsites.net/uploads/business_and_industry_4875213bf3.pdf)

**NDE B&I APPROVED COURSE MATRIX:**

[https://webapp-strapi-paas-prod-nde-001.azurewebsites.net/uploads/cte\\_course\\_matrix\\_240716\\_55bec7535d.pdf](https://webapp-strapi-paas-prod-nde-001.azurewebsites.net/uploads/cte_course_matrix_240716_55bec7535d.pdf)

### SKILLS CERTIFICATE - CTE TEACHING I

These courses are for CTE business & industry teachers (ideally years 1-3), CT long-term subs, or those seeking a B&I teaching license, who need immediate classroom support. This program will build understanding of what CTE is, develop a foundational understanding of curriculum/instruction and begin to meet provisional licensure requirements.

#### PROGRAM REQUIREMENTS

**15 UNITS**

EDCT 101	Introduction to CTE Teaching 1	3
	or EDCT 102 Introduction to CTE Teaching 2	
EDCT 110**	Communication Skills for Teachers	3
EDCT 230**	Introduction to Career and Technical Education	3
EDCT 247*	Introduction to CTE Curriculum and Instruction	3

#### PROGRAM ELECTIVE

Any EDCT or EPD course (recommend EDCT 295 for new teachers or EDCT 239\*) 3

### SKILLS CERTIFICATE - CTE TEACHING II

These courses are for CTE business & industry teachers, CTE long-term subs, or those seeking a B&I teaching license, who are working to meet licensure requirements within three years, have some comfort in the classroom and are seeking ways to better engage students, improve curriculum delivery methods, and provide support for students who are struggling with literacy issues (ie. special education or ESL students).

#### PROGRAM REQUIREMENTS

**12 UNITS**

EDCT 239*	Introduction to CTE Teaching Methods	3
EDCT 260	Teaching Reading, Writing and Math in CTE	3
EDCT 290*	Career Preparation through Performance Based Education	3

#### PROGRAM ELECTIVE

Any EDCT or EPD course (recommend EDCT 271\* for licensure) 3

### SKILLS CERTIFICATE - CTE TEACHER LICENSURE, BUSINESS & INDUSTRY

These courses are for CTE business & industry teachers or anyone working to meet licensure requirements to include academic teachers who are already certified but have or will transition to CTE based on their work experience, new B&I teachers or those seeking a B&I license.

#### PROGRAM REQUIREMENTS

**18 UNITS**

EDCT 212**	Family/Community Engagement and Advocacy for CTE Teachers	3
EDCT 239	Introduction to CTE Teaching Methods	3
EDCT 247	Introduction to CTE Curriculum and Instruction	3
EDCT 271	Intro to Workforce Development and CTSOs	3
EDCT 288**	Inclusive Strategies for Multicultural-Multilingual Students in CTE	3
EDCT 290	Career Preparation through Performance Based Education	3

\*\*Meets general education requirement for COA or AAS

\*Courses that meet Nevada Department of Education licensure requirements for CTE Business & Industry licensure.

# TEACHER EDUCATION

## Career & Technical Teacher Training (Secondary Education)

### CERTIFICATE OF ACHIEVEMENT - CTE CLASSROOM TEACHING

**TOTAL REQUIREMENTS 30 UNITS**

**PROGRAM REQUIREMENTS 21 UNITS**

EDCT 230	Intro to Career and Technical Education	3
EDCT 239	Intro to CTE Teaching Methods	3
EDCT 247	Intro to CTE Curriculum and Instruction	3
EDCT 260	Teaching Reading, Writing and Math in CTE	3
EDCT 290	Career Preparation through Performance Based Ed	3

**Choose 6 units from the following program electives:**

Any EDCT or EPD course	6
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**GENERAL EDUCATION REQUIREMENTS 9 UNITS**

English/ Communications: EDCT 110 Required	3
Human Relations: <i>Recommended EDCT 212</i>	3
Mathematics: <i>Recommended Math 120 or higher</i>	3

CTE CLASSROOM TEACHING Certificate of Achievement Suggested Course Sequence			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
EDCT 110	3 <input type="checkbox"/>	EDCT 239	3 <input type="checkbox"/>
EDCT 230	3 <input type="checkbox"/>	EDCT 260	3 <input type="checkbox"/>
EDCT 247	3 <input type="checkbox"/>	EDCT 290	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
Mathematics 120 or higher	3 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>

A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.



### ASSOCIATE OF APPLIED SCIENCE DEGREE - CTE TEACHER TRAINING FOR BUSINESS & INDUSTRY PROFESSIONALS

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 39 UNITS**

EDCT 230	Intro to Career and Technical Education	3
EDCT 210	Nevada School Law	3
EDCT 239	Intro to CTE Teaching Methods	3
EDCT 247	Intro to CTE Curriculum and Instruction	3
EDCT 260	Teaching Reading, Writing and Math in CTE	3
EDCT 271	Introduction to Workforce Development and Career Technical Student Organizations	3
EDCT 288	Inclusive Strategies for Multicultural-Multilingual Students in CTE	3
EDCT 290	Career Preparation through Performance Based Education	3
ACC 135	Bookkeeping I	3

**Choose 12 units from the following program electives:**

Any EDCT course	3	
EDU 202	Introduction to Secondary Education	3
EDU 203	Introduction to Special Education	3
EDU 214	Preparing Teachers to Use Technology	3
EDU 295	Special Topics in Education	1-6
EPD 162	PPST/PRAXIS I Reading Review	1
EPD 163	PPST/PRAXIS I Writing Review	1
EPD 164	PPST/PRAXIS I Math Review	1
HDFS 202	Introduction to Families	3

**GENERAL EDUCATION REQUIREMENTS 21 UNITS**

English/ Communications: EDCT 110 Required <i>Must include a writing course</i>	6
Humanities/Social Science Requirement	3
Human Relations Requirement	3
Mathematics Requirement: <i>MATH 120 or higher</i>	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3

#### CTE TEACHER TRAINING FOR BUSINESS & INDUSTRY PROFESSIONALS Associate of Applied Science Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ACC 135	3 <input type="checkbox"/>	EDCT 260	3 <input type="checkbox"/>
EDCT 110	3 <input type="checkbox"/>	EDCT 271	3 <input type="checkbox"/>
EDCT 230	3 <input type="checkbox"/>	EDU 210	3 <input type="checkbox"/>
EDCT 247	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
EDCT 190	3 <input type="checkbox"/>	EDCT 288	3 <input type="checkbox"/>
EDCT 239	3 <input type="checkbox"/>	Program Elective	6 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
English/ Communications	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
<i>Must include a writing course</i>			
Human Relations	3 <input type="checkbox"/>		

Note: The Associate of Applied Science in CTE Teacher Training for Business & Industry Professionals is pending final approval from the Nevada System of Higher Education.

A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

### TRUCKEE MEADOWS COMMUNITY COLLEGE PARTNERSHIP

#### Bachelor of Applied Science - CTE Leadership

WNC students who earn the Associate of Applied Science degree can pursue an aligned 4-year degree at Truckee Meadows Community College (TMCC). For more information about this program, visit [www.tmcc.edu/career-technical-education-leadership](http://www.tmcc.edu/career-technical-education-leadership).



# GRAPHIC DESIGN

## Certificate of Achievement and Degree

This program is designed for students who seek quick access to career fields involving print design, Web design, multimedia and animation. Students prepare for careers in graphic design for print and web, using current technologies. Coursework will provide students with knowledge and skills to create visual concepts and communicate ideas that inspire, inform and captivate consumers. Students interested in earning a bachelor's degree in Graphic Design can complete an Associate of Arts degree at WNC and then transfer and earn a bachelor's degree from the University of Nevada, Reno or Truckee Meadows Community College (granted through Nevada State University).

**MISSION:** The Associate of Applied Science degree in Graphic Design will provide employment-related knowledge and skills necessary to succeed in the Graphic Design field. The degree will meet educational criteria for employment and prepare the student for possible transfer to other colleges and universities to meet higher educational and professional goals.

**STUDENT LEARNING OUTCOMES:** Associate of Applied Science in Graphic Design graduates are expected to:

- Apply technical skills in current design technologies.
- Identify and apply design concepts.
- Develop a portfolio of work demonstrating design skills.
- Fulfill the combination of student learning outcomes for this program and general education.
- Meet the WNC Institutional Student Learning Outcomes.



### EARN THIS DEGREE ONLINE

*College on your time and schedule*

### ASSOCIATE OF APPLIED SCIENCE DEGREE - GRAPHIC DESIGN

**TOTAL REQUIREMENTS 36 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

ART 100*	Visual Foundations	3
ART 101*	Drawing I	3
GRC 116*	Introduction to Digital Art and Design	3
GRC 175	Web Design I	
	or ART 260* Survey of Art History I	3
GRC 200*	Design Thinking and Methodologies	3
GRC 210*	Typography I	3
GRC 220*	Graphic Design I	3
GRC 282	Motion Graphics for Video	3
ART 261*	Survey of Art History II	3
GRC 294	Professional Portfolio	3
MKT 210	Marketing Principles	3
Any other ART class (Recommend ART 141*, ART 124* or ART 214*)		3

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement: <i>Recommend ENG 101* and 102*</i>		6
<i>Must include a writing course</i>		
Human Relations Requirement		3
Mathematics Requirement: <i>Recommend Math 120* or higher</i>		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Electives		6

*A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.*

### CERTIFICATE OF ACHIEVEMENT - GRAPHIC DESIGN

**TOTAL REQUIREMENTS 30 UNITS**

**PROGRAM REQUIREMENTS 21 UNITS**

ART 100	Visual Foundations	3
	or ART 101 Drawing I	
GRC 116	Introduction to Digital Art and Design	3
GRC 200	Design Thinking and Methodologies	3
GRC 210	Typography I	3
GRC 220	Graphic Design I	3

**Choose 6 units from the following program electives:**

ART 260	Survey of Art History I	3
ART 261	Survey of Art History II	3
GRC 175	Web Design I	3
GRC 282	Motion Graphics for Video	3
MKT 210	Marketing Principles	3

**GENERAL EDUCATION REQUIREMENTS 9 UNITS**

English/Communications Requirements		3
Human Relations Requirement		1-3
Mathematics Requirement		3
General Elective		0-2

*A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.*

GRAPHIC DESIGN Certificate of Achievement Suggested Course Sequence			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ART 100 or ART 101	3 <input type="checkbox"/>	GRC 210	3 <input type="checkbox"/>
GRC 116	3 <input type="checkbox"/>	GRC 220	3 <input type="checkbox"/>
GRC 200	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>	Mathematics	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	Human Relations or General Elective	3 <input type="checkbox"/>

GRAPHIC DESIGN Associate of Applied Science Suggested Course Sequence			
<i>Note: Sequence based on enrollment that begins with the fall semester. Some courses may not be taught each semester.</i>			
FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ART 100*	3 <input type="checkbox"/>	ART 261*	3 <input type="checkbox"/>
ART 101*	3 <input type="checkbox"/>	GRC 210	3 <input type="checkbox"/>
GRC 116*	3 <input type="checkbox"/>	GRC 282	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	Science	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ART Elective	3 <input type="checkbox"/>	GRC 220*	3 <input type="checkbox"/>
GRC 175 or ART 260*	3 <input type="checkbox"/>	GRC 294	3 <input type="checkbox"/>
GRC 200*	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	U.S. and Nevada Constitution	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>

\*Courses transfer to UNR or TMCC. Students should work with an advisor when planning their schedules.

# EMERGENCY MEDICAL SERVICES

## Certificate of Achievement and Skills Certificates

### STUDENT LEARNING OUTCOMES:

- Demonstrate behaviors consistent with professional and employer expectations of an entry-level EMT/AEMT.
- Demonstrate proficiency in all skills necessary to fulfill the role of an entry-level EMT/AEMT.
- Demonstrate the ability to comprehend, evaluate and apply information relative to the role of an entry-level EMT/AEMT.

### OTHER IMPORTANT INFORMATION

- EMT/AEMT learning activities are scheduled on and off campus on days, evenings and weekends.
- Course organization requires students to have basic computer skills, including the ability to navigate various online learning programs.
- Clinical experiences take place at acute care hospitals, clinics and other medical facilities.
- Field experience takes place on an ALS ambulance or ALS/ILS Fire Department Engine/Rescue under the direct supervision of a preceptor.
- Documentation and currency of the following is required prior to acceptance into the EMS 108 and/or EMS 115 courses:
  - An acceptable physical examination and required immunizations and tests.
  - Current CPR certification - American Heart Association Healthcare Provider.
  - Major medical health insurance (card required).
  - An acceptable background check.

*\*For EMS 115 an EMT Nevada State Certification IS required. National Registry Certification will not be accepted.*



### SKILLS CERTIFICATE - EMERGENCY MEDICAL TECHNICIAN BASIC

EMS courses will prepare individuals with the knowledge and skills to assess and care for patients in an emergency or in an out-of-hospital setting. Courses are offered in a sequential series.

EMS 108 prepares students to take the National Registry Examination for Emergency Medical Technician (EMT) - Basic.

	<b>7.5 UNITS</b>
EMS 108 Emergency Medical Technician (EMT)	7.5

### CERTIFICATE OF ACHIEVEMENT - EMERGENCY MEDICAL SERVICES

The Certificate of Achievement-Emergency Medical Services (EMS) is designed for individuals interested in providing care to patients in the pre-hospital setting, and will prepare students for Paramedic level training. This program will provide the knowledge, skills and attitudes necessary for an entry-level EMT/AEMT and allow eligibility to sit for national and state testing for emergency medical technician and advanced emergency medical technician. The program meets or exceeds the required skills and knowledge as set forth by the NHTSA's office of EMS National EMS Education Standards and Instructional Guidelines.

#### TOTAL REQUIREMENTS 30 UNITS

<b>PROGRAM REQUIREMENTS</b>		<b>18 UNITS</b>
BIOL 200*	Elements of Human Anatomy & Physiology	3
or EMS 205	Principles of Pathophysiology	
EMS 108	Emergency Medical Technician (EMT)	7.5
EMS 115**	Advanced Emergency Medical Technician (AEMT)	7.5

*\*BIOL 223 & BIOL 224 will be accepted in place of BIOL 200*

*\*\*Current Nevada State EMT Certification is a required prerequisite for EMS 115.*

#### GENERAL EDUCATION REQUIREMENTS 12 UNITS

English/Communications: (Recommend COM 101) <i>Must include a writing course</i>	6
Human Relations: Any Psychology class except 210 (PSY 101 recommended)	3
Mathematics	3

*A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.*

**CONDITIONAL ACCEPTANCE:** All students must meet specific requirements to be eligible for participation in clinical and/or field experiences (such as ride-alongs). This includes, at a minimum, an approved criminal background check, drug screening, immunizations, any training required by the health care organization, and other state/national requirements. Students who do not meet these requirements by the established date or who are not approved by the clinical site will not be eligible to participate in clinical and/or field experiences which may be required for certification.

# MACHINE TOOL TECHNOLOGY

## Certificates

Machinists shape metal and other materials into precision parts and objects through the setup and operation of complex equipment such as milling and drilling machines, grinders and lathes. This program allows students to gain technical skill proficiency in manual machining, as well as automated Computer Numerical Control (CNC) machines. Aligned with the National Institution for Metalworking Skills certification, this program will prepare students with the skills needed for entry level employment or to improve skills for career advancement.

**MISSION:** The mission of the Associate of Applied Science in Technology degree is to provide employment-related knowledge and skills necessary as a professional in a chosen field of study.

**STUDENT LEARNING OUTCOMES:** Students who complete an Associate of Applied Science in Technology degree are expected to:

- Know the subject matter appropriate to the emphasis of the degree.
- Communicate effectively and appropriately, in oral and written form.
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional.
- Acquire skills and perform tasks necessary for employment or career enhancement.
- Develop an appreciation of the importance of social, ethical, legal and diversity issues.
- Develop an appreciation of the need and importance of lifelong learning.



### SKILLS CERTIFICATE - MACHINE TOOL TECHNOLOGY

Students will prepare for entry into machining occupations. Coursework will prepare students for various National Institute for Metalworking Skills exams.

<b>MANUAL MACHINING</b>		<b>13 UNITS</b>
DFT 110	Blueprint Reading for Industry	3
MTT 105	Machine Shop I	3
MTT 106	Machine Shop I Practice	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop II Practice	2

<b>COMPUTER NUMERICAL CONTROLS (CNC) MACHINING</b>		<b>11 UNITS</b>
MTT 230	Computer Numerical Control I	4
MTT 232	Computer Numerical Control II	4
MTT 260	Machine Shop IV	3

### CERTIFICATE OF ACHIEVEMENT - MACHINE TOOL TECHNOLOGY

Students will prepare for entry into machining occupations. Learn setup and use of industrial equipment and tools utilized by the machinist to manufacture parts for all types of machines. Operation of CNC (computer numerical control) lathes and mills and other hand tools prepare students for National Institute for Metalworking Skills (NIMS) exams Levels 1 and 3.

<b>TOTAL REQUIREMENTS</b>		<b>30 UNITS</b>
<b>PROGRAM REQUIREMENTS</b>		<b>20 UNITS</b>
DFT 110	Blueprint Reading For Industry	3
or CONS 120	Blueprint Reading and Specification	
MTT 105	Machine Shop I	3
MTT 106	Machine Shop Practice I	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop Practice II	2
MTT 230	Computer Numerical Control I	4
Choose 3 units from any MTT course		3

<b>GENERAL EDUCATION REQUIREMENTS</b>		<b>10 UNITS</b>
English/Communications Requirements: <i>Recommended: BUS 108;</i>		
<i>Must include a writing course</i>		6
Human Relations Requirement		1
Mathematics Requirement: <i>MATH 110 recommended</i>		3

A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

#### MACHINE TOOL TECHNOLOGY Certificate of Achievement Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.  
Some courses may not be taught each semester.

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
MTT 105	3 <input type="checkbox"/>	DFT 110/CONS 120	3 <input type="checkbox"/>
MTT 106	2 <input type="checkbox"/>	MTT 110	3 <input type="checkbox"/>
MTT Elective	3 <input type="checkbox"/>	MTT 111	2 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	MTT 230	4 <input type="checkbox"/>
Human Relations	1 <input type="checkbox"/>	English/Communications	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>		

# MACHINE TOOL TECHNOLOGY

## Degree

### ASSOCIATE OF APPLIED SCIENCE TECHNOLOGY DEGREE - MACHINE TOOL TECHNOLOGY

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

DFT 110	Blueprint Reading For Industry	3
MTT 105	Machine Shop I	3
MTT 106	Machine Shop Practice I	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop Practice II	2
MTT 230	Computer Numerical Control I	4
MTT 232	Computer Numerical Control II	4
MTT 250	Machine Shop III	3
MTT 251	Machine Shop Practice III	2
MTT 260	Machine Shop IV	3

**Choose 7 units from the following program electives:**

AIT 101	Fundamentals of Applied Industrial Technology	4
MTT 261	Machine Projects	1-6
MTT 262	Machine Shop Practice IV	2
MTT 295	Work Experience	1-6
Any MTT course		1-6
Related WELD or other technical/trade course		1-6

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement: <i>Recommended BUS 107</i>	6
<i>Must include a writing course</i>	
Human Relations: <i>Recommended BUS 110</i>	3
Humanities/Social Science Requirements	3
Mathematics Requirement: <i>Recommended MATH 110</i>	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Elective	3

*A list of all courses fulfilling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.*



#### MACHINE TOOL TECHNOLOGY

##### Associate of Applied Science Suggested Course Sequence

*Note: Sequence based on enrollment that begins with the fall semester.*

*Some courses may not be taught each semester.*

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
MTT 105	3 <input type="checkbox"/>	MTT 230	4 <input type="checkbox"/>
MTT 106	2 <input type="checkbox"/>	MTT 250	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	MTT 251	2 <input type="checkbox"/>
<i>(Bus 107 Recommended)</i>		Program Elective	Units vary <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
DFT 110	3 <input type="checkbox"/>	MTT 232	4 <input type="checkbox"/>
MTT 110	3 <input type="checkbox"/>	MTT 260	3 <input type="checkbox"/>
MTT 111	2 <input type="checkbox"/>	Program Elective	Units vary <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>





# WELDING

## Certificates

This program provides opportunities to practice and prepare for welding certification exams and allows students to explore other industrial skills that are used in a variety of occupations and businesses.

**MISSION:** The mission of the Associate of Applied Science in Technology degree is to provide employment-related knowledge and skills necessary as a professional in a chosen field of study.

**STUDENT LEARNING OUTCOMES:** Students who complete an Associate of Applied Science in Technology degree are expected to:

- Know the subject matter appropriate to the emphasis of the degree.
- Communicate effectively and appropriately, in oral and written form.
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional.
- Acquire skills and perform tasks necessary for employment or career enhancement.
- Develop an appreciation of the importance of social, ethical, legal and diversity issues.
- Develop an appreciation of the need and importance of lifelong learning.

**Third-party industry-recognized credentials can be earned throughout the program. A fee is associated with most exams.**

### ACCREDITING AGENCY



The Andy Butti Welding Technology Center is the only accredited welding testing facility in Northern Nevada.

### SKILLS CERTIFICATES - WELDING

Students are introduced to the many welding certifications available by meeting the standards of the American Welding Society codes. This includes instruction on code certification required by the American Petroleum Institute and the American Society of Mechanical Engineers.

<b>WELDING - SMAW AND GMAW</b>	<b>10 UNITS</b>
WELD 211 Welding I	3
WELD 212 Welding I-Practice	2
WELD 221 Welding II	3
WELD 222 Welding II-Practice	2
<b>WELDING - FCAW AND GTAW</b>	<b>10 UNITS</b>
WELD 231 Welding III	3
WELD 232 Welding III-Practice	2
WELD 241 Welding IV	3
WELD 242 Welding IV-Practice	2
<b>WELDING PREPARATION CERTIFICATE (AWS)</b>	<b>9 UNITS</b>
WELD 250 Welding Certification Preparation	9

### CERTIFICATE OF ACHIEVEMENT - WELDING

Provides students with opportunities to practice and prepare for welding certification examinations and the knowledge and skills for employment in welding and related careers.

<b>TOTAL REQUIREMENTS</b>	<b>30 UNITS</b>
<b>PROGRAM REQUIREMENTS UNITS</b>	<b>18</b>
DFT 110 Blueprint Reading for Industry	3
WELD 211 Welding I	3
WELD 212 Welding I Practice	2
WELD 221 Welding II	3
WELD 222 Welding II Practice	2
WELD 250 Welding Certification Preparation	3
Welding Elective	2
<b>GENERAL EDUCATION REQUIREMENTS</b>	<b>12 UNITS</b>
English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement: <i>Recommended BUS 110</i>	3
Mathematics Requirement	3

*A list of all courses fulfilling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.*

WELDING			
Certificate of Achievement Suggested Course Sequence			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
WELD 211	3 <input type="checkbox"/>	DFT 110	3 <input type="checkbox"/>
WELD 212	2 <input type="checkbox"/>	WELD 221	3 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	WELD 222	2 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	WELD 250	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	WELD Elective	2 <input type="checkbox"/>
		English/Communications	3 <input type="checkbox"/>





# WELDING Degree

## ASSOCIATE OF APPLIED SCIENCE TECHNOLOGY DEGREE - WELDING

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

DFT 110	Blueprint Reading for Industry	3
WELD 211	Welding I	3
WELD 212	Welding I Practice	2
WELD 221	Welding II	3
WELD 222	Welding II Practice	2
WELD 231	Welding III	3
WELD 232	Welding III Practice	2
WELD 241	Welding IV	3
WELD 242	Welding IV Practice	2
WELD 250	Welding Certification Preparation	1-12

**Choose 1-12 units from the following program electives:**

AIT 101	Fundamentals of Applied Industrial Technology	4
ET 131	DC for Electronics	4
ELM 143	Wiring Techniques	2
MTT 105	Machine Shop I	3
WELD 224	Welding Projects	1-6
WELD 290	Internship in Welding	1-4
WELD	Related Welding Courses	1-3

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement: <i>Recommended BUS 107</i>		
<i>Must include a writing course</i>		6
Human Relations: <i>Recommended BUS 110</i>		3
Humanities/Social Science Requirements		3
Mathematics Requirement: <i>Recommended: MATH 110</i>		3
Science Requirement		3
U.S. and Nevada Constitution Requirements		3
General Elective		3

A list of all courses fulfilling general education requirements for the Associate of Applied Science Degree can be found on the Associate of Applied Science page.

### WELDING

#### Associate of Applied Science Suggested Course Sequence

*Note: Sequence based on enrollment that begins with the fall semester.*

*Some courses may not be taught each semester.*

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
WELD 211	3 <input type="checkbox"/>	WELD 231	3 <input type="checkbox"/>
WELD 212	2 <input type="checkbox"/>	WELD 232	2 <input type="checkbox"/>
English/Communications ( <i>Bus 107 Recommended</i> )	3 <input type="checkbox"/>	Program Elective	3-5 <input type="checkbox"/>
Human Relations	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
Science	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
DFT 110	3 <input type="checkbox"/>	WELD 241	3 <input type="checkbox"/>
WELD 221	3 <input type="checkbox"/>	WELD 242	2 <input type="checkbox"/>
WELD 222	2 <input type="checkbox"/>	WELD 250	4 <input type="checkbox"/>
Program Elective	1-3 <input type="checkbox"/>	Program Elective	3-5 <input type="checkbox"/>
English/Communications	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>		



# ALLIED HEALTH

## Registered Nursing

WNC's Associate Degree Nursing Program is intended for students seeking a career as a registered nurse. The curriculum is sequenced and progresses in complexity. It integrates knowledge from the bio/psycho/social sciences, literacy, mathematics and humanities and is intended to prepare graduates to pass the national licensure examination (NCLEX-RN) and to function as registered nurses in diverse care settings. Upon completion of the Associate Degree Nursing Program, students will be awarded an Associate of Applied Science degree. Graduates are eligible to sit for the NCLEX-RN.

The nursing program is approved by the Nevada State Board of Nursing (NSBN) and is accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, ph: 404-975-5000. Applicants are advised that eligibility for licensure may be affected by the existence of a criminal record, a history of alcohol or drug abuse, and mental or physical illness that may interfere with the practice of nursing. Applicants are encouraged to directly contact the NSBN at 1-775-687-7700 or 888-590-6726 should there be a concern regarding eligibility for licensure.

A limited number of qualified students are admitted as first semester students utilizing the selection criteria outlined on the next column. The nursing program requires that pre-and co-requisite courses be completed with a grade of "C" or better (a C- or lower grade will not be accepted). Students admitted to the program are required to attend mandatory one-day orientation sessions scheduled for late spring or early summer and prior to the start of classes.

**MISSION:** The Nursing Program reflects the mission of Western Nevada College by assisting and preparing nursing students to successfully navigate educational pathways to achieve their professional goals.

### STUDENT LEARNING OUTCOMES:

- Incorporate principles from the bio/psycho/social sciences, mathematics, humanities, literacy and nursing in the provision of patient care.
- Apply the nursing process in a caring manner to safely meet the holistic needs of patients across the life span.
- Utilize a broad range of communication skills to promote understanding.
- Utilize a spirit of inquiry to integrate current evidence-based guidelines and nursing science when making clinical practice decisions/nursing judgment.
- Apply concepts of caring, cultural sensitivity and respect for all persons.
- Apply concepts of teaching and learning to empower patients and families to effectively manage healthcare.
- Incorporate principles of collaboration and teamwork with patients, families and the health care team to achieve patient-centered care.
- Provide and manage care that reflects values of nursing within professional standards and legal parameters of the profession.



## NURSING PROGRAM ADMISSION

Admission to the nursing program will be based on special admission procedures and the number of points an applicant receives. Eligible students will be numerically ranked according to total points. In the event of applicants having an equal number of points, lots will be drawn to decide eligibility. Admission will be offered to the applicants on the list with the highest priority points. Applicants not selected will not be carried forward and must reapply for consideration.

### SELECTION CRITERIA POINTS

Science GPA	2.0-2.25	2.26-2.50	2.51-2.75	2.76-3.00
(BIOL & CHEM pre and corequisite courses)	(1)	(2)	(3)	(4)
	3.01-3.25	3.26-3.50	3.51-3.75	3.76-4.00
	(5)	(6)	(7)	(8)
GPA (pre- and corequisite courses)	2.0-2.49	2.5-2.99	3.0-3.49	3.5-4.0
	(1)	(2)	(3)	(4)

(A grade of C or better is required for all pre and corequisite courses in the nursing program. A C- or lower will not be accepted.)

**Academic Skills Test:** 0-4 points will be awarded based on test scores.

**Nevada Resident:** An applicant who is classified as a Nevada resident for tuition purposes at Western Nevada College at the time of application to the nursing program will be awarded one (1) point in the nursing admissions selection criteria.

**Maximum Possible Points:** 17

### NURSING PROGRAM APPLICATION PROCESS

Students must apply for admission to Western Nevada College and the WNC nursing program. Applications for the next fall are available on the WNC Nursing & Allied Health Web page on or after Jan. 2. The last date for submission of an application to Admissions and Records is April 1.

**PREREQUISITES:** Students must complete all prerequisite courses with a grade of "C" or better to apply for the nursing program. (C- or lower will not be accepted.) Students may apply for admission to the nursing program while in the process of completing a prerequisite course(s), provided the course is completed by the end of the applicable spring semester or, if taken at another institution, an official transcript showing completion of the course is provided by June 1 of the year of application. Evidence of courses in progress must be submitted by the application deadline.

**NOTE:** Current CNA Certification or completion of NURS 129 or NURS 130 required within five years of the date of application to the nursing program.

**COREQUISITES:** Students who are accepted into the nursing program must complete all corequisite courses with a grade of "C" or better by the end of the fourth semester of the program. (A grade of C- or lower will not be accepted.) Any corequisite course(s) completed with a "C" or better prior to admission into the nursing program will be calculated into the grade point average under admission selection criteria.

**ACADEMIC SKILLS TESTING:** Students are required to take the Assessment Technologies Institute, Test of Essential Academic Skills examination as part of the application process. Visit [wnc.edu/nalh/admissions](http://wnc.edu/nalh/admissions) after September for specific information.

**RESIDENCY:** An applicant who is classified as a Nevada resident for tuition purposes at WNC at the time of application to the nursing program will be awarded one point in the nursing admissions/selection criteria.

# ALLIED HEALTH

## Registered Nursing



**APPLICATION AND SUPPORTING DOCUMENTS:** Submit the completed application with supporting documents, which include the ATI TEAS academic skills test results and all required college and university transcripts, as appropriate, to [Admissions and Records](#) in the time frame delineated on the nursing program application.

NOTE: Statute of Limitation for science courses is five years by the date of application to the nursing program.

### OTHER IMPORTANT INFORMATION

- Nursing learning activities are scheduled on and off campus on days, evenings, nights and weekends.
- Course organization requires students to have basic computer skills, including the ability to navigate various online learning programs.
- Clinical experiences take place at long-term health care facilities, acute care hospitals, clinics and day care centers.
- A grade of C (75 percent) or better is required in all nursing courses to continue in the nursing program. A grade of C- or lower will not be accepted.
- Students not admitted to the nursing program must reapply to be considered for admission the following year.
- Nursing students are expected to meet the Nursing Student Essential Abilities as discussed on the nursing Web page and in the student handbook.
- Documentation and currency of the following is required after acceptance into the nursing program and prior to the start of classes:
  - An acceptable physical examination and required immunizations and tests.
  - CPR certification (card required) through the American Heart Association (Basic Life Support for Healthcare Provider).
  - Major medical health insurance (card required).
  - An acceptable background check.

A background check is required by health care organizations. Students will be conditionally accepted into WNC's nursing program until their background check information is approved by the clinical sites. Should clinical sites not approve a student, the conditional acceptance will be withdrawn and the student will not be admitted into the nursing program. Students will be denied entrance into the WNC nursing program if an adverse background check is received from a clinical site. Drug screening is required by clinical sites. Students will be informed of the requirement when necessary.

### NURSING PROGRAM READMISSION POLICIES

1. At the conclusion of each semester of study, the Nursing Program Faculty Committee discusses students who failed or withdrew from courses during the semester. The faculty acknowledges the responsibility to readmit students who, in their judgment, satisfy the requirements of scholarship and professional suitability for nursing. The faculty reserves the right to deny readmission based on a history of unprofessional conduct which violates the ANA Code of Ethics.
2. A student who started the nursing program may be readmitted **one time** following a withdrawal/failure. A written request for an exception to the policy for such reasons as medical and military will be considered by the Nursing Program faculty. Students who are eligible to be considered for readmission into the nursing program will be admitted using a point system and on a space-available basis.
3. Students eligible for readmission into the Nursing Program will complete and submit the **Request for Readmission Form to the Nursing & Allied Health and WNC Admissions and Records offices**. The form will address the following information:
  - Date by which the request for readmission must be received.
  - Description of the challenge examinations that must be completed with a grade of 75% or better for the theory portion and a Pass (P) grade for the skill evaluations.
  - Cost of readmission testing. Payment for the challenge tests is submitted to the Business Office prior to scheduling of readmission testing.

Upon receipt of the form, the director will discuss the challenge process with the student and will schedule the challenge evaluations.

4. Students will be required to pass both a written competency exam and a hands-on skills performance evaluation demonstrating competency prior learning for re-entry into the nursing program.

A score of 75% or more is required for the competency evaluation and a passing grade is required for the selected skill evaluation in order to be readmitted into the nursing program.

Students who withdrew from or who failed a course or courses that are related (e.g. NURS 136, 137 & 141) will be required to repeat all courses in the sequence.

Students may choose to repeat all courses, including those previously passed, for the semester of readmission.

Students failing either component of the readmission evaluation may choose to reapply for the nursing program with the next incoming cohort and will be held to current admission requirements. This would be considered the one-time readmission allowable.

The statute of limitations for nursing (NURS) courses is two years. Nursing courses taken more than 2 years prior to reapplication will be required to be repeated.

5. Students seeking readmission into the nursing program will be required to update all requirements through Complio (CPR, immunizations, health insurance, etc.).



# ALLIED HEALTH

## Registered Nursing

### ASSOCIATE OF APPLIED SCIENCE DEGREE - REGISTERED NURSING

**TOTAL REQUIREMENTS 71.5 UNITS**

**PREREQUISITE COURSES\* 21 UNITS**

CHEM 121	General Chemistry I	4
or BIOL 190	Introduction to Cell and Molecular Biology	
BIOL 223*	Human Anatomy and Physiology I	4
BIOL 224*	Human Anatomy and Physiology II	4
ENG 101	Composition I	3
MATH 120	Fundamentals of College Mathematics	3
or MATH 124	College Algebra	
or higher level of math (STAT 152 is acceptable)		
PSY 101	General Psychology	3

\*BIOL 223 & BIOL 224 must be completed at the same college or university if taken at an institution other than within Nevada System of Higher Education.

NOTE: Statute of Limitation for science courses is five years by the date of application to the nursing program.

Current CNA Certification or completion of NURS 129 or NURS 130 is required within five years of the date of application to the nursing program.

**COREQUISITE (NON-NURSING) COURSES 10 UNITS**

BIOL 251	General Microbiology	4
ENG 102	Composition II	3
U.S./Nevada Constitutions Course (PSC 101, HIST 111 or CH 203 recommended)		3

Note: Corequisite courses must be completed by the end of the fourth semester of the nursing program. See the Associate of Applied Science degree for more information on courses fulfilling the general education requirement. Completion of Chemistry 121 or Biology 190, 223, 224 and 251 fulfills the science general education requirement for the Associate of Applied Science degree in Nursing.

#### REGISTERED NURSING - Associate of Applied Science Suggested Course Sequence

**FIRST YEAR: FALL SEMESTER COURSES 10 UNITS**

NURS 136	Foundations of Nursing Theory	3
NURS 137	Foundations of Nursing Laboratory	1
NURS 141	Foundations of Nursing Clinical	2
NURS 147	Health Assessment Theory	2
NURS 148	Health Assessment Laboratory	1
NURS 152	Foundations of Pharmacology in Nursing I	1

**FIRST YEAR: SPRING SEMESTER COURSES 11 UNITS**

NURS 149	Mental Health and Illness Theory	3
NURS 151	Mental Health and Illness Clinical	1
NURS 153	Foundations of Pharmacology in Nursing II	1
NURS 165	Medical Surgical Nursing I Theory	3
NURS 166	Medical Surgical Nursing I Laboratory	1
NURS 167	Medical Surgical Nursing I Clinical	2

**SECOND YEAR: FALL SEMESTER COURSES 9 UNITS**

NURS 156	Foundations of Pharmacology in Nursing III	1
NURS 261	Nursing Care of the Family Theory	2
NURS 262	Nursing Care of the Family Lab/Clinical	1
NURS 270	Advanced Clinical Nursing I Theory	3
NURS 271	Advanced Clinical Nursing I Clinical	2

**SECOND YEAR: SPRING SEMESTER 10.5 UNITS**

NURS 261	Nursing Care of the Family Theory	2
NURS 262	Nursing Care of the Family Lab/Clinical	1
NURS 276	Advanced Medical Surgical Nursing II Theory	3
NURS 277	Advanced Medical Surgical Nursing II Clinical	2.5
NURS 284	Role of the ADN Manager of Care	2

Note: The sequence of some courses in the second year for fall and spring semesters may be altered.





# ALLIED HEALTH

## Health Science/CNA/Phlebotomy

### SKILLS CERTIFICATE - CERTIFIED NURSING ASSISTANT

A Certified Nursing Assistant is an individual who, under the direction of a licensed nurse, typically provides basic nursing care for patients in long-term and acute care facilities. CNAs are educated to assist patients with activities of daily living such as bathing, feeding and dressing, and to help maintain a safe and protective care environment. As they have extensive daily contact with patients, CNAs also play a key role in communicating information/observations to the nurse.

This course prepares students to take the Nevada licensing exam for certification as a nursing assistant.

NURS 130 Nursing Assistant **6 UNITS**  
6

### SKILLS CERTIFICATE - LABORATORY TECHNICIAN-PHLEBOTOMY

These courses provide students with knowledge and skills necessary to perform the collection, identification and preservation of specimens as applied to venipuncture techniques. Phlebotomists are trained to collect blood specimens by safely performing skin puncture or venipuncture procedures on patients of all ages. They are required to adhere to strict policies and safety precautions designed to provide patient protection and comfort, and to assure safe handling of specimens throughout the collection process.

LTE 101 Fundamental Phlebotomy **7 UNITS**  
4  
LTE 102 Applied Phlebotomy 3



### ASSOCIATE OF APPLIED SCIENCE DEGREE - HEALTH SCIENCE

Assists students who apply for the WNC nursing program and provides the coursework toward potential transfer degrees in community health, public health, health education and related areas. Also can prepare students for health-related careers in emergency medical science, laboratory technician, nursing assistant and related areas.

**TOTAL REQUIREMENTS 60 UNITS**

**PROGRAM REQUIREMENTS 36 UNITS**

PBH 101	Foundations of Public Health	3
BIOL 190*	Intro to Cell & Molecular Biology	
or CHEM 121*	General Chemistry I	4
PSY 101	General Psychology	3

*Choose 26 units from the following program electives:*

ANTH 101	Introduction to Cultural Anthropology	3
or SOC 101	Principles of Sociology	
BIOL 223	Human Anatomy and Physiology I	4
BIOL 224	Human Anatomy and Physiology II	4
BIOL 251	General Microbiology	4
CHEM 122	General Chemistry II	4
CHEM 220	Introductory Organic Chemistry	4
PBH 120	Foundations of Personal Health & Wellness	3
EMS 100	Healthcare Provider CPR	0.5
EMS 108	Emergency Medical Technical Training	7.5
EMS 115	Advanced Emergency Medical Technician	7.5
HDFS 201	Lifespan Human Development	3
HIT 117	Medical Terminology I	1
LTE 101	Fundamental Phlebotomy	4
LTE 102	Applied Phlebotomy	3
NURS 130	Nursing Assistant or	6
or NURS 129	Level I Basic Nursing Skills	2
NUTR 223	Principles of Nutrition	3

*\*Students may take BIOL 190 and CHEM 121 and have 4 units apply toward the program electives.*

**GENERAL EDUCATION REQUIREMENTS 24 UNITS**

English/Communications Requirement: <i>ENG 101 &amp; ENG 102 Required</i>	6
Human Relations Requirement	3
Mathematics Requirement: <i>MATH 120 or higher</i>	3
U.S. and Nevada Constitution Requirement	3
General Electives	9

*A list of all courses fulfilling general education requirements for the Associate of Applied Science Degree can be found on the Associate of Applied Science page.*



## CONTINUING EDUCATION

# Professional Development and Personal Interest

WNC Continuing Education offers courses\* in Carson City, Fallon and online, open to any member of the community. We provide opportunities to learn new skills, advance your career and better your life in a low-pressure, encouraging environment. Our goal is to meet your needs, provide you with clear pathways to meet your goals and inspire you to keep learning! **To register: visit [www.wnc.edu/conted](http://www.wnc.edu/conted) or call (775) 445-4210.**

### CAREER TRAINING ONLINE COURSES

Get the career skills and certifications you need with these open-enrollment online courses. Everything you need to complete your course (including exam fees, software and books) is included in the cost of tuition, and most courses take 6 months – 1 year to complete.

#### NASM CERTIFIED PERSONAL TRAINER AND EXAM PREPARATION

Prepare to pass the National Academy of Sports Medicine exam and earn your Certified Personal Trainer certification, one of the most respected certifications in the fitness industry.

#### NASM CERTIFIED NUTRITION COACH

Learn to incorporate nutrition coaching and behavior change into your fitness instruction. On course completion, you will be prepared to take the National Academy of Sports Medicine Certified Nutrition Coach exam.

#### CERTIFIED PARALEGAL

Train for a career as a paralegal by learning how to fulfill the standard duties associated with this vital role. After completing the course, you will be prepared to sit for the Certified Paralegal exam.

#### STERILE PROCESSING TECHNICIAN

This immersive course will train you to work as an SPT, including preparing you for the Certified Registered Central Service Technician certification.

#### CERTIFIED EKG TECHNICIAN

Train to work as an EKG tech, including preparing for the National Healthcareer Association's Certified EKG Technician certification exam.

#### DATA ANALYST

In this interactive, practice-based training, you'll complete hundreds of mini-projects guided by our AI-powered teaching platform in real time. This approach allows you to demonstrate to employers that you have the practical work experience they value when looking for candidates.

#### REGISTERED BEHAVIOR TECHNICIAN TRAINING

This course will provide you with the essential skills and knowledge to meet the 40-hour training component required by the Behavior Analyst Certification Board.

#### FREIGHT BROKER/AGENT TRAINING

Learn the skills to be a successful freight broker in this fast-growing industry. Our employer partners offer guaranteed interviews to students who complete this program.

#### MEDICAL BILLING AND CODING

A comprehensive course that prepares you to earn a certification as a medical biller and coder.

#### CERTIFIED CLINICAL MEDICAL ASSISTANT

Prepare for a rewarding career in healthcare and earn your CCMA certification.

#### CERTIFIED PROFESSIONAL LIFE COACH

Learn the core competencies of a life coach and create your own distinctive coaching style.



### COMMERCIAL DRIVER TRAINING PROGRAM

Ready to hit the road? Let us help! Our Commercial Driver Training program will provide you with the knowledge and skills to obtain your Class A Driver's License. As part of the course, we'll connect you with employers who are eager to hire our graduates, so you can walk straight out of class and into a job with a family-sustaining wage.

Trucks, trailers and state-of-the-art simulators are provided for student use. Scholarships are available for students who qualify.

SCAN QR TO VIEW OPTIONS ONLINE  
[wnc.edu/cdl](http://wnc.edu/cdl)



Community Education classes are offered every semester and include options like Introduction to Screenwriting, Sustainable Gardening 101, Pocket Sketching, Conversational Spanish, and more! The Community Education schedule for each semester is released in mid-April and mid-October.

**CALL OR VISIT US ONLINE FOR OUR MOST CURRENT CLASS LISTINGS.**

**(775) 445-4241**  
[wnc.edu/conted](http://wnc.edu/conted)

*\*Continuing Education classes do not offer credits toward the completion of an associate or bachelor's degree. Certifications and certificates of completion are designed to promote career advancement and personal growth.*

SCAN QR TO VIEW OPTIONS ONLINE  
[careertraining.wnc.edu](http://careertraining.wnc.edu)



SCAN QR TO VIEW OPTIONS ONLINE  
[wnc.edu/conted](http://wnc.edu/conted)



*Realizing Opportunities for the American Dream to Succeed*

## **Paving the state's economy with a *skilled workforce!***

The **ROADS** program provides support and access to training for unemployed/underemployed participants who want to pursue training and certifications in high demand occupations such as manufacturing, health care, technology, and building trades so they become employed in stable jobs. Participants in the program will receive financial support for various costs (e.g. training, certifications, testing, books, materials and/or supplies), mentorship, and access to workshops and employment opportunities. Individuals participating in the **ROADS** program must be motivated to advance their careers with the intent of living and working in Nevada immediately following certification or degree attainment.

Individuals interested in additional mentorship and support with career preparation, professional development, and employment are encouraged to apply to the **ROADS** program.

**To learn more about the ROADS program or to apply, go to [wnc.edu/ROADS](http://wnc.edu/ROADS)**

# THE LINK

COMMUNITY, CAREER & EMPLOYER CENTER

## Student Social and Study Space Community and Workforce Convening Space

### Career & Employer Services: Your Success Starts Here

## Tools, skills, and connections for education and career *success!*

### OUR FOCUS

- College & Career Readiness
- Skill Development & Employer Connections

### KEY RESOURCES

- Workshops: Resume Building, Professional Skills, Interview Prep
- Events: Networking, Job Fairs, Internships, Mentorships

### SUPPORT & OPPORTUNITIES

- Scholarships (ROADS, Pennington, GJNN)
- SNAP E&T Training for In-demand Careers
- Career Counseling & Employer Networks

### CAREER TOOLS

- SkillUp – Career Coaching & Training
- YouScience – Career Matching
- Handshake – Employer Connections

The Link • 2201 West College Parkway • 1st Floor, Aspen Building

OPERATING HOURS:  
MONDAY-THURSDAY: 9 AM – 4:30 PM  
FRIDAY: 9 AM – 2 PM

SCHEDULE COACHING  
SCAN QR OR VISIT  
[wnc.edu/booklink](http://wnc.edu/booklink)



## SKILLUP

CREATE A FREE SKILLUP ACCOUNT  
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Handshake

you  
science



**Start your  
college  
journey  
here!**



**Western Nevada College**  
**COLLEGE & CAREER READINESS**

## **Preparing you for academic and professional *success!***

### **FREE INSTRUCTION & RESOURCES FOR STUDENTS**

#### **English Learner Services**

- Learn English with classes tailored to all skill levels
- Develop valuable communication skills
- Boost your confidence in daily life and professional settings
- Explore college and career opportunities

#### **HiSET or GED Exam Services**

- Get ready for the HiSET or GED exam with personalized preparation options
- Study at your pace, including fast-track programs
- Take classes online or in person, with flexible morning and evening options
- Schedule the official GED or HiSET exam in our certified testing center

#### **Career & Academic Pathways**

- Strengthen academic skills to succeed in college
- Enhance your basic computer skills
- Get support for college classes that lead to credentials in high-demand careers
- Access tuition assistance if eligible

**(775) 445-4452 • [prepforsuccess@wnc.edu](mailto:prepforsuccess@wnc.edu)**  
**College & Career Readiness • 2201 West College Parkway,**  
**Bristlecone Building, Room 340**

**Scan QR to visit**  
**[wnc.edu/ready](http://wnc.edu/ready)**







## ASWN: YOUR VOICE ON CAMPUS

Make an impact at Western Nevada College by joining the Associated Students of Western Nevada (ASWN)! ASWN is the official student government, representing the student body, organizing campus events, and advocating for student needs. It's your opportunity to develop leadership skills, network with college administrators, and create lasting change on campus.

### Why Join ASWN?

- **Be a Leader** – Represent your fellow students and help shape WNC's policies and initiatives
- **Plan & Host Events** – Organize campus-wide activities like Welcome Back Week and the annual Awards & Appreciation Ceremony
- **Enhance Your Resume** – Gain valuable experience in leadership, event planning, and teamwork
- **Make a Difference** – Serve on college committees, voice student concerns, and work to improve campus life
- **Community Involvement** – Participate in volunteer projects and service initiatives that benefit students and the surrounding community

**Interested?** Contact [ASWN@wnc.edu](mailto:ASWN@wnc.edu) or **775-445-3324** to get involved!



**SCAN QR OR VISIT**  
[wnc.edu/wildcat](http://wnc.edu/wildcat)

## STUDENT LIFE: YOUR CAMPUS HUB

The Student Center is your go-to place for engagement, relaxation, and resources at WNC. Whether you need a place to study, game, or connect with fellow Wildcats, there's something for everyone!

**Wildcat Commons** – A welcoming space to relax, meet friends, and engage in campus life

**Wildcat Studio** – A dedicated podcasting and recording studio for students to work on course projects, passion projects, and creative productions

**Wildcat Esports Arena** – Features 12 gaming PC's for competitive and casual play

**Wildcat Reserve** – A free food and hygiene pantry offering essential resources to students

**Wildcat Fitness Center** – Stay active at our on-campus workout facilities

**Quiet Study Areas** – A peaceful place to focus on your coursework

**Games & Recreation** – Take a break, have some fun, and unwind with friends between classes

**Clubs & Organizations** – Get involved with WNC's student clubs and connect with others who share your interests

**Events & Activities** – There is always something exciting happening at the Student Center! Whether you're here to have fun, make new friends, or experience something new, WNC's student events will keep you engaged and entertained!

Make the most of your WNC experience—stop by the Student Center today!

Email [StudentLife@wnc.edu](mailto:StudentLife@wnc.edu) or call **775-445-3218** for more information.







# Fund Your Future

## WNC FOUNDATION SCHOLARSHIP PROGRAM

The WNC Foundation Scholarship Program is designed to provide encouragement, public recognition and financial support to students pursuing higher education at Western Nevada College. The program is supported by generous contributions from individuals, organizations, corporations and foundations. Scholarships range from \$500 to \$7,000 per year. Your accurate completion of the scholarship application will ensure you are considered for every scholarship for which you qualify.

### Scholarship Application Requirements

With over 500 different scholarships available, all Western Nevada College students should apply. The application cycle opens October 1st and runs through April 1st of the year prior. Minimum criteria for consideration include a GPA of 2.0 on a 4.0 point scale and a minimum course load of six credits. Applicants must submit a complete application by the deadline date in order to be considered. Nursing students are eligible to apply from June 30th through July 21st, following their acceptance into the nursing program.

Letters of recommendation are not required. Please be prepared to provide a short personal statement and a statement describing your commitment to community service. Additional questions correspond to criteria within each unique scholarship. With this one, easy application you will be considered for all Foundation scholarships totaling over **\$800,000**.

### When and How to Apply

The application period begins October 1 of each year. Applications are submitted online and the entire package must be submitted by April 1. Students must re-apply every year. Awards will be announced by August. To begin the application process, go to [wnc.edu/scholarship](http://wnc.edu/scholarship). For more information, please call the Foundation office at **775-445-3240**.

[wnc.edu/scholarship](http://wnc.edu/scholarship)

# CAMPUS RESOURCES

## ADMISSIONS & RECORDS

Applying for admission is the first step to attending WNC. Our admissions team can help you access your myWNC account, assist you with registration and more!  
wnc.edu/admissions | 775-445-3277

## ACADEMIC ADVISING AND ACCESS

Academic advising is available to help students make important decisions regarding educational goals and career pathways. The goal of our office is to help you stay on track toward graduation.  
wnc.edu/advising | Carson City 775-445-3267 | Fallon 775-445-3379

## BUSINESS OFFICE/PAYMENTS

Paying fees on time is important for student success. WNC's Business Office offers payment plans to make paying for college easier.  
wnc.edu/admissions/fees | 775-445-4221

## CAREER SERVICES

Career Services empowers students with skills and resources for higher education and professional success. By offering educational tools, mentorship, and career guidance, we bridge academic learning with real-world application, preparing students for their career paths.  
wnc.edu/ready | 775-445-4423

## DISABILITY SUPPORT SERVICES

Students with disabilities are provided equal access to higher education through academic support services, technology and advocacy in order to promote their independence, retention and graduation.  
wnc.edu/dss | 775-445-4459

## FINANCIAL ASSISTANCE

Our financial assistance team aims to help reduce financial barriers so you can thrive at WNC.  
wnc.edu/aid | 775-445-3264

## VETERANS ASSISTANCE

With the motto of "Vets helping Vets," this office focuses on assisting vets and their families in the transition to higher education.  
wnc.edu/vrc | 775-445-3301

**Carson City Campus**  
2201 W. College Parkway  
Carson City, NV 89703  
775-445-3000

**Douglas Campus**  
1680 Bently Parkway South  
Minden, NV 89423  
775-445-3000

**Fallon Campus**  
160 Campus Way  
Fallon, NV 89406  
775-445-3379

**wnc.edu**

