



*A sample degree worksheet is located in the back of this catalog.*

## Requirements for Graduation

Associate degrees offered at Northwest College include three categories of coursework: 1) specific degree requirements (*including Capstone Course*), 2) general education requirements, and 3) elective courses. These courses are designed to enable students to achieve program and all-college outcomes. Only college-level courses count toward degrees. (*See specific programs of study for recommended courses.*)

To receive a degree, students **MUST** apply to graduate. Forms are available in Enrollment Services. See Application for Graduation page 37.

### ALL-COLLEGE DEGREE REQUIREMENTS

In order to be awarded an associate's degree from Northwest College, individuals must:

- Complete at least 64 credits of college-level coursework with an overall grade point average of at least 2.0;
- Take 15 of the last 30 credits to be applied toward the degree from Northwest College;
- Successfully complete a Capstone Course;
- Meet all general education requirements for the specific degree.

### ALL-COLLEGE OUTCOMES

#### *Analysis*

Students will:

- Isolate a pertinent question or problem.
- Identify appropriate problem-solving strategies.
- Use mathematical approaches when warranted.
- Access and evaluate data effectively and efficiently.
  - Draw warranted, logical conclusions.
  - Present convincing evidence to support conclusions.

#### *Multiple Points of View*

Students will:

- Identify differences in the attitudes, values, core beliefs, data and/or assumptions that shape multiple points of view in relation to a particular problem, project, or topic (e.g., alternative theories or theorists, competing models, different modes of representation, dynamics of differences in culture, ethnicity, national origin, gender, economic status, generational association, and other social issues).
- Integrate this recognition of multiple points of view in a variety of academic tasks.
- Articulate multiple points of view through writing and speaking.

## General Education Requirements

CATEGORIES	AA Credits	AS Credits	AAS Credits
American and Wyoming Government <sup>1</sup>	3-6	3-6	3-6
English	6	6	6
Business Communication			
Mathematics	3	10 <sup>2</sup>	3
Lab Science	4		
Humanities <sup>1</sup>	9		6
Visual and Performing Arts <sup>1</sup>		9	
Social Science <sup>1</sup>	6		
Comparative Cultural Awareness <sup>1</sup>	6	1-4 <sup>3</sup>	
Wellness	2	2	2
<b>TOTAL CREDITS</b>	<b>39-42</b>	<b>31-37</b>	<b>20-23</b>

<sup>1</sup> Some courses may be used to fulfill two categories of requirements.

<sup>2</sup> At least one course from each area. At least one course must be a Lab Science.

<sup>3</sup> One course from approved list. See page 35.

### Oral Communication

Students will:

- Compose messages for oral communication that utilize standards of organization, analysis, and adapt to various audiences.
- Display effective oral presentation techniques.
- Demonstrate active listening techniques including feedback, demonstrating appropriate audience behavior, and identifying main ideas in a spoken message.

### Writing

Students will:

- Produce informative, analytical and critical prose to respond a particular task or audience.
- Produce writing that conforms to discipline-specific conventions.
- Use appropriate research skills in at least one substantial writing assignment.
- Observe the conventions of standard written English.

### Information and Technology Literacy

Students will:

- Apply appropriate technological resources to a specific task.
- Utilize technological equipment connected to their area of specialization.
- Access and evaluate print and electronic information effectively and efficiently to address a particular problem, project or activity.
- Demonstrate and apply an understanding of many of the legal, ethical, and educational issues surrounding access to and the use of information.

## GENERAL EDUCATION OUTCOMES

College education prepares a student both for life and for making a living. It blends the practical application of knowledge with the pursuit of knowledge for its own sake. When successful, education balances the sometimes contradictory claims of social service and individual ambition.

A good general education fosters freedom's values and nurtures individual growth. It lays the foundation for further learning in a discipline or vocation, provides the tools to navigate change, and prepares one for life-long learning.

The purpose of general education at Northwest College is to shape the development of students according to these values and to meet the outcomes listed below.

### EXPECTED OUTCOMES FOR EACH GENERAL EDUCATION CATEGORY

#### American & Wyoming Government

Wyoming Statute, Title 21, Chapter 9, Section 102, mandates that all public institutions "give instruction in the essentials of the United States constitution and the constitution of the state of Wyoming, including the study of and devotion to American institution and ideals," and no student shall receive a post-secondary degree from a Wyoming institution of higher education without having been instructed in the above. An understanding of politics and government is fundamental to good citizenship and contributes to the foundation of scholarly knowledge expected of college graduates.

Students may fulfill this requirement in one of three ways:

- POLS 1000 American and Wyoming Government (3)
- or
- HIST 1221 United States from 1865 (3)
- or
- a combination of HIST 1210 United States History I (3) and HIST 1250 History of Wyoming (3)

#### — OUTCOMES

Courses fulfilling the American and Wyoming Government General Education Requirement at Northwest College must comply with state statutes and meet all of the following student outcomes.

Students will:

- Demonstrate the ability to analyze and evaluate the formal and informal principles, processes, and structures of

the U.S. and Wyoming constitutions and political systems.

- Demonstrate an understanding of the historical development and cultural context of these constitutions and political systems.
- Demonstrate knowledge of the relationship between understanding of the institutions by which they are governed and their roles as responsible citizens in a democratic system.

#### Comparative Cultural Awareness (CCA)

A primary focus of a "Comparative Cultural Awareness" course is cultural analysis that includes an explicit comparison of cultures in context. Culture is defined as "the totality of socially transmitted behavior patterns, arts, beliefs, institutions, and all other products of human work and thought characteristic of a community or population." In these courses, students will understand and apply this general definition of culture.

Courses with the Comparative Cultural Awareness designation meet the following course criteria:

- A **primary** focus of a "Comparative Cultural Awareness" course is cultural analysis that ensures an explicit comparison of culture-in-context.
- In the course, students will understand and apply the general definition of culture (see above).
- The pedagogical intention of the course will be stimulating awareness through comparison of cultures, one of which may be the contemporary culture, explicitly analyzed.
- "Comparative Cultural Awareness" courses will also examine the contextual influences that shape culture (e.g., history, economics, arts, religion, common practices, social and political institutions).

#### — OUTCOMES

Learning outcomes will vary from course to course, but courses with the CCA designation must meet the following learning outcomes:

- Apply general definitions of culture.

- Recognize how culture influences individual and social values, goals, and identity.

In addition, all courses with the CCA designation should meet at least two of these outcomes:

- Examine the products and expressions of cultures (e.g., history, art, music, religions, common practices, social, and political institutions).
- Compare how cultural elements (e.g., gender, power, spirituality, aging, death) vary in meaning between cultures.
- Evaluate how cultures interact and influence each other.
- Identify how cultural perceptions and attitudes are transmitted.

### **English**

Northwest College maintains that the abilities to read critically and write well are fundamental to academic success in college and pursuit of a subsequent career. Consequently, each student must complete two courses that meet the English General Education requirements.

The initial composition course ensures that students write competently and understand the nature of academic writing. The second course refines analytical writing skills by either introducing students to the study of literature or helping them develop specialized writing skills (e.g., research, technical writing, etc.).

For students meeting AAS degree requirements, the second-level course will focus primarily on the second and fourth outcomes listed below.

#### — *OUTCOMES*

Students will:

- Produce informative, analytical, and critical prose in response to a particular task or audience.
- Produce writing that conforms to task-specific conventions.
- Use appropriate research skills.
- Observe the conventions of standard written English.

### **Humanities**

Humanities courses examine and seek to understand human experience, human aspirations and achievements, and human expressions, such as written, oral, and/or visual texts, artifacts, and cultural practices. These courses approach their subjects from an interdisciplinary perspective and within the historical context of human values, thought, and interaction. Humanities courses provide students with the tools for logically analyzing, discussing, and debating moral questions, ethical issues, and human values.

#### — *OUTCOMES*

Students will:

- Demonstrate the ability to analyze and discuss humanities texts (including cultural artifacts and practices).
- Demonstrate an awareness of different moral and ethical points of view.
- Reason, present, and write clearly and persuasively about humanities topics.
- Describe how culture affects human interaction.

### **Lab Sciences**

Science courses provide students with an introduction to the processes and principles that scientists typically use in understanding the natural world. Laboratory courses require practice in understanding relationships between events and observing the effects that result from experimental activities. These courses emphasize the collection and interpretation of data, using mathematics, statistics, and the fundamental laws of the natural sciences.

#### — *OUTCOMES*

Students will:

- Describe and apply currently accepted fundamental theories in at least one discipline of a biological or physical science.
- Apply the scientific method.
- Collect and correctly interpret experimental data using sound scientific principles.
- Follow written protocols to complete a natural science experiment.

- Use lab equipment safely and appropriately.

### **Mathematics**

At Northwest College, Mathematics courses study systems and processes that focus on using symbolic representation in problem solving and on drawing conclusions from numeric data by inductive and deductive reasoning. These courses elevate students' abilities to analyze quantitative and symbolic patterns and relationships, enabling them to function competently in an increasingly numeric society. The first two outcomes apply to courses meeting the AAS degree requirements. Courses that satisfy the AS or AA degree requirements must contain all five outcomes.

#### — *OUTCOMES*

Students will:

- Apply the mathematical skills necessary to be successful in the subsequent coursework required for their chosen profession.
- Choose the appropriate mathematical problem-solving technique within the context of a practical situation and interpret the results.
- Apply and demonstrate an understanding of numeric and symbolic manipulation to algebraic expressions, relations, and functions.
- Describe the constraints of an abstract mathematical situation, and derive a solution by identifying the appropriate algorithmic strategy.
- Employ college-level mathematical reasoning and terminology to explain, interpret, and represent mathematical situations in a variety of ways.

### **Social Sciences**

Graduates of Northwest College will understand and be familiar with human social conditions. Using empirical methods, the Social Sciences analyze past and present behavior of people in an attempt to discover patterns and principles. The Social Sciences explore the physical environment; social, political, and economic institutions; the development

and understanding of societal evolution; human experiences; and the development of ideas and culture in a social context. Social Science courses offer opportunities to enhance our understanding of human behavior and sharpen our perceptions of the social world.

— *OUTCOMES*

Students will:

- Describe the diversity of human experience by examining the dynamic effects of demographic, geo-political, linguistic, social, psychological, educational, criminal, economic, cultural, and/or religious aspects of human existence in a contemporary or historical context.
- Contrast various conceptions of justice, equality, and fairness as they have been applied to human behavior in social settings and relationships, utilizing the empirical method of research, and explanation.
- Exercise critical thinking, writing, oral, and reading abilities to develop and/or critique arguments on social issues.
- Apply the tradition, methods, and techniques of empirical research, analysis, and presentation typically utilized in the Social Sciences.

*Visual and Performing Arts*

Visual and Performing Arts involve visual, musical, theatrical, and other artistic expressions of a culture. Often examined for their own characteristics and history, the arts also provide insight into cultural attitudes and values. The stories artists tell through music, images, drama, text, and other artistic means provide symbolic ways of examining the world. Such expressions explore notions of what is, what has been, and what should be in a culture. The arts expand a student's personal and social frame of reference. Through study of the arts, students develop such capacities as their imagination, intellect, emotions, creativity, physical skills, analytical abilities, historical knowledge, and cultural understanding. After taking classes that satisfy Visual and Performing Arts requirements, students should see, hear, and understand the world differently.

— *OUTCOMES*

Students will:

- Utilize appropriate terminology from art, music, theater, or other artistic media in discussions and writings.
- Evaluate artistic works and performances using knowledge of appropriate design elements.
- Draw on their own individual experiences, creativity, and imagination to create or write about artistic or musical works.
- Articulate reasons for their emotional reactions to artistic works or performances.
- Relate ideas expressed through artistic media to history and expression of those ideas in other disciplines.
- Express in writing, presentation, or performance, ways that the arts reveal cultural functions, values, and beliefs.

*Wellness*

Graduates of Northwest College should understand how behavior can influence health and wellness and the impact of physical activity and inactivity. *Health* is a state of complete physical, mental, and social well-being, not merely the absence of disease or infirmity; *wellness* is an active, lifelong process of becoming aware of and making choices about a healthier and more fulfilling life. Active living and physical activity for health constitute major components of a healthy lifestyle and general health promotion and protection. The knowledge and experience gained from Wellness Education courses will enable students to make informed decisions about their own health as it relates to their quality of life and longevity.

Wellness courses fall into two categories:

*Activity-based Courses* — Activity-based courses aim at promoting physiological health, as reflected in cardiovascular functioning, muscular strength and conditioning, motor coordination skills, and flexibility. Activity-based courses involve regular participation in the activity.

*Nonactivity-based Courses* — Nonactivity-based courses focus on the integration of cognitive and experiential learning,

connecting experience with strategies for reflection, integration, and continuation.

Students may fulfill the Wellness Requirement in one of three ways:

- By completing two credits of any activity-based course.
- By completing one credit of any activity-based course **and** one credit of any approved nonactivity-based course.
- By completing either HLED 1271 Wellness or HLED 1271 Diet and Exercise.

— *OUTCOMES*

Students will:

- Demonstrate competency in developing and participating in a personal fitness program.
- Demonstrate knowledge of the principles specific to attaining and maintaining good health and fitness throughout life.

**GENERAL EDUCATION REQUIREMENTS**

**American and Wyoming Government (3-6 credits)**

POLS 1000 American and Wyoming Government (3), or HIST 1221 United States from 1865 (3), or a combination of HIST 1210 United States History I (3) and HIST 1250 History of Wyoming (3).

**English (6 credits)**

*AA and AS Degrees only*

ENGL 1010 English I: Introduction to Composition (3), and **one** of the following: ENGL 1020 English II: Introduction to Literature (3), ENGL 2017 Introduction to Research (3), ENGL 2010 Technical Writing (3), or ENGL 2030 Critical Reading and Writing (3).\*

**English/Business Communication (6 credits)**

*AAS Degree only*

ENGL 1010 English I: Introduction to Composition (3), and one of the following: ENGL 1020 English II: Introduction to Literature (3), ENGL 2017 Introduction to Research (3), ENGL 2010 Technical Writing (3), ENGL 2030 Critical Reading and Writing (3), or BADM 1020 Business Communication (3).\*\*

**Humanities/Visual and Performing Arts (9 credits)**

**AA Degree only**

Six credits to be selected from one of the following groups, three credits to be selected from the other:

**Group A (Humanities)\*\*\*:** humanities, journalism, English, philosophy, foreign language, speech communication, and history.

**Group B (Visual and Performing Arts)\*\*\*:** art, music, theatre, and dance.

**Humanities/Social Science/Visual and Performing Arts (9 credits)**

**AS Degree only**

Nine credits to be selected from at least two fields from among humanities, visual and performing arts, or social science.

**Humanities/Social Science/Visual and Performing Arts/Science (6 credits)**

**AAS Degree only**

Courses must be selected in two fields from among science, humanities, visual and performing arts, or social science.

*\* For transfer to the University of Wyoming, consider one of the following: ENGL 1020 and ENGL 2030. For transfer to Montana State University–Bozeman, consider one of the following: ENGL 2017 or ENGL 2030. For transfer to Montana State University–Billings, consider ENGL 2017 (each department or school sets its own advanced writing requirement). For those undecided about a transfer institution, consider ENGL 1020.*

*\*\* For associate of applied science degrees, refer to your specific program of study.*

*\*\*\* Some courses may not satisfy the degree requirement. Please refer to the Courses Meeting General Education Requirements section on page 35.*

**Mathematics (3 credits)**

**AA Degree only**

Courses must be selected from college-level statistics (STAT) or mathematics (any MATH 1000 and above except MATH 1510).

**Mathematics (3 credits)**

**AAS Degree only**

Any college-level mathematics course or BADM 1005 Business Mathematics.

**Mathematics/Science (10 credits)**

**AS Degree only**

At least one course must be selected from college-level statistics (STAT) or mathematics (any MATH 1000 and above except MATH 1510). At least one course must be a laboratory course in astronomy, biology, chemistry, geology, physics, or zoology or AECL 2010 or AECL 2020.

**Comparative Cultural Awareness (6 credits)**

**AA Degree only**

Courses selected from the approved list of courses meeting this requirement (see page 35). Three credits meeting this requirement may also apply toward the humanities, social science, or visual and performing arts requirement, depending on the specific nature of the credits taken.

**Comparative Cultural Awareness (1-4 credits)**

**AS Degree only**

One course selected from the approved list of courses meeting this requirement (see page 35). Up to three credits meeting this requirement may also apply toward the humanities, social science, or visual and performing arts requirement, depending on the specific nature of the course taken.

**Science (4 credits)**

**AA Degree only**

Course must be a laboratory course in astronomy, biology, chemistry, geology, physics, or zoology.\*

**Social Science (6 credits)**

**AA Degree only**

Six credits selected from two fields of study: anthropology, economics, geography, history\*, political science, psychology, sociology or AGECE 1010 or AGECE 1020. No more than three credits from any one field may apply toward the degree requirement.

**Wellness Education (2 credits)**

See Wellness Education, page 36.

*\* Some courses may not satisfy the degree requirement. Please refer to the Courses Meeting General Education Requirements section on page 35.*

# Degrees

**ASSOCIATE OF ARTS DEGREE (AA)**

The Associate of Arts degree provides a broad-based education for those planning to transfer to a four-year institution and for those seeking a two-year general education. The Associate of Arts degree may be taken in General Studies or Liberal Studies (see worksheet at back of catalog). A number of AA specializations are available through various academic divisions. The Associate of Arts is the best choice for individuals who are undecided and for those who do not yet know where they will transfer.

Fulfill all-college degree requirements.

Summary of AA Degree Requirements:

	Credits
American and Wyoming Government .....	3
or	
United States from 1865.....	3
or	
* US/Wyoming History combination .....	6
English.....	9
Humanities/Visual and Performing Arts.....	9
Mathematics .....	3
** Comparative Cultural Awareness .....	6
Science .....	4
Social Science .....	6
Wellness Education .....	2
<b>TOTAL</b>	<b>39-42</b>

Specialization Core and Electives.....22-28

*\* Three credits may apply toward the Social Science requirement.*

*\*\* Three credits may apply toward the Social Science, Humanities, or Visual and Performing Arts requirement.*

**ASSOCIATE OF ARTS / SCIENCE IN GENERAL STUDIES**

Individuals who meet all requirements of the AA/AS degree will be awarded the degree with the designation of General Studies.

**ASSOCIATE OF ARTS IN LIBERAL STUDIES**

This course of study is identical to the AA in General Studies, except the Com-

parative Cultural Awareness category is increased to eleven credits. Eight credits must be taken in a single foreign language; three credits must be taken in a non-foreign language course from the approved list of Comparative Cultural Awareness courses. The non-foreign language course only may be double-counted to meet another appropriate degree requirement. This degree option becomes particularly important as many four-year colleges and universities, including the College of Arts and Sciences at the University of Wyoming, are instituting foreign language requirements for graduation with a bachelor of arts degree.

### ASSOCIATE OF SCIENCE DEGREE (AS)

The Associate of Science degree provides a specialized program of study for those planning to transfer to a four-year institution. Generally, the degree aligns itself to the special requirements of a pre-professional course of study at a four-year institution. A number of AS specializations are available.

Fulfill all-college degree requirements.

Summary of AA Degree Requirements:

	Credits
American and Wyoming Government .....	3
or	
United States from 1865.....	3
or	
* US/Wyoming History combination .....	6
English.....	6
Humanities/Social Science/Visual and	
Performing Arts.....	9
Mathematics/Science.....	10
** Comparative Cultural Awareness .....	1-4
Wellness Education .....	2
<b>TOTAL</b>	<b>31-37</b>

Specialization Core and Electives.....27-33

*\* Three credits may apply toward the Social Science requirement.*

*\*\* Three credits may apply toward the Social Science, Humanities, or Visual and Performing Arts requirement.*

### ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

The Associate of Applied Science degree prepares an individual for employment

opportunities upon graduation. All applied science degree programs offer a concentration with a required curriculum.

Fulfill all-college degree requirements.

Summary of AA Degree Requirements:

	Credits
American and Wyoming Government .....	3
or	
United States from 1865.....	3
or	
* US/Wyoming History combination .....	6
English/Business Communication.....	6
Humanities/Social Science/Visual and	
Performing Arts/Science .....	6
Mathematics .....	3
Wellness Education .....	2
<b>TOTAL</b>	<b>20-23</b>

*\* Three credits may apply toward the Social Science requirement.*

All students must complete the required course of study within the selected field in order to receive an AAS degree.

### NORTHWEST COLLEGE CERTIFICATE

The Northwest College Certificate provides recognition for those who have completed 60 credits or above of college-level work but who have not fulfilled degree requirements.

To be awarded the Northwest College Certificate, individuals must:

- Complete 60 credits of college-level coursework with an overall grade point average of at least 2.0.
- Take 15 of the last 30 credits to be applied toward the certificate from Northwest College.
- Take a minimum of one course from five of the seven following areas:
  - Humanities
  - Mathematics
  - Comparative Cultural Awareness
  - Science
  - Social Science
  - Visual and Performing Arts
  - Wellness Education

### SKILLS CERTIFICATES

Northwest College Skills Certificates provide a concentrated amount of college-level coursework in a highly specialized area of

study within a designated period of time. Northwest College offers both a Comprehensive Skills Certificate (30-59 credits) and a Skills Certificate (6-30) credits.

These certificates vary from 6-59 credits depending upon the selected area of study. Skills certificates vary according to the needs of students, the community, and the economy. Students should check individual departments for specific Skills Certificates and requirements in a given area. College-level courses taken for a certificate may also be applied to a Northwest College AA, AS, or AAS degree.

### NORTHWEST COLLEGE COMPREHENSIVE SKILLS CERTIFICATES

To be awarded the Northwest College Comprehensive Skills Certificate, individuals must:

- Complete the minimum number (30-59) of required credits of coursework with an overall grade point average of at least 2.0 and a minimum “C-” in all certificate core courses.
- Complete a minimum of 6 credits of general education courses.

### NORTHWEST COLLEGE SKILLS CERTIFICATES

To be awarded the Northwest College Skills Certificate, individuals must:

- Complete the minimum number (6-30) of required credits of coursework with a minimum 2.0 GPA overall in the certificate courses and a minimum “C-” in all certificate core courses.
- For Certificates of 6-16 credits, students must earn 50% of the credit at NWC.
- For Certificates of 17-30 credits, students must earn 40% of the credit at NWC.

# Courses Meeting General Education Requirements

## COMPARATIVE CULTURAL AWARENESS

AECL 1000—Agroecology (4)  
 ANTH 1200—Introduction to Cultural Anthropology (3)  
 ANTH 1300—Introduction to Archaeology (3)  
 ANTH 2200—World Ethnography: (3)  
 ANTH 2210—North American Indian Cultures (3)  
 ANTH 2350—Biblical Archaeology (3)  
 ANTH 2390—Archaeological Tour of the Southwest (1-3)  
 ART 1010—Introduction to Art  
 ART 2010—Art History I (3)  
 ART 2020—Art History II (3)  
 BADM 1020—Business Communication (3)  
 BUSN 2000—Introduction to International Business (3)  
 CO/M 2110—Nonverbal Communication (3)  
 ENGL 2230—Introduction to Shakespeare (3)  
 ENGL 2280—Introduction to Mythology (3)  
 ENGL 2340—Native American Culture & Literature (3)  
 FREN 1010—First Year French I (4)  
 FREN 1020—First Year French II (4)  
 FREN 2030—Second Year French I (4)  
 FREN 2040—Second Year French II (4)  
 GRK 1015—Elementary Biblical Greek I (4)  
 GRK 1025—Elementary Biblical Greek II (4)  
 GRK 2035—Intermediate Biblical Greek (4)  
 GRK 2150—Selected Readings in Biblical Greek (1)  
 HEBR 1010—First Year Hebrew I (4)  
 HEBR 1020—First Year Hebrew II (4)  
 HEBR 2030—Second Year Hebrew I (4)  
 HEBR 2150—Selected Readings in Hebrew (1)  
 HIST 1110—Western Civilization I (3)  
 HIST 1120—Western Civilization II (3)  
 HIST 2112—Revolutionary Europe (3)  
 HIST 2115—20th Century Europe (3)  
 HIST 2120—Ancient Greece (3)  
 HIST 2130—Ancient Rome (3)  
 HIST 2140—Ancient Near East (3)  
 HIST 2290—North American Indians (3)  
 HUMN 2420—Introduction to Cross-Cultural Study (3)  
 HUMN 2445—US Culture and Language for Foreign Students (3)\*  
 HUMN 2455—Television & American Culture (3)  
 MUSC 1000—Introduction to Music (3)  
 MUSC 2050—Historical Survey I (3)  
 MUSC 2055—Historical Survey II (3)  
 PHIL 2311—Philosophy of Religion (3)  
 POLS 2010—Comparative Government (3)  
 POLS 2310—Introduction to International Relations (3)  
 POLS 2460—Introduction to Political Theory (3)

SPAN 1010—First Year Spanish I (4)  
 SPAN 1020—First Year Spanish II (4)  
 SPAN 2030—Second Year Spanish I (4)  
 SPAN 2040—Second Year Spanish II (4)  
 SPAN 2140—Introduction to Literature (3)  
 SPAN 2210—Intermediate Composition & Conversation I (3)  
 SPAN 2220—Intermediate Composition & Conversation II (3)  
 SPAN 2460—Field Studies: (1-3)

*\* Only for students whose first language is not English.*

## ENGLISH

ENGL 1010—English I: Introduction to Composition (3)  
 ENGL 1020—English II: Introduction to Literature (3)  
 ENGL 2010—Technical Writing (3)  
 ENGL 2017—Introduction to Research (3)  
 ENGL 2030—Critical Reading and Writing (3)  
 BADM 1020—Business Communication, *AAS only* (3)

## HUMANITIES

All English courses numbered 2000 or above.  
 All foreign language courses of three (3) or more credits.  
 All humanities courses. [HUMN 2460 Field Studies: (1-3) might not be accepted for transfer by senior institutions.]  
 All philosophy courses.  
 CO/M 1010—Public Speaking (3)  
 CO/M 1030—Interpersonal Communication (3)  
 CO/M 1040—Introduction to Human Communication (3)  
 CO/M 2090—Introduction to Persuasion (3)  
 CO/M 2110—Nonverbal Communication (3)  
 CO/M 2120—Small Group Communication (3)  
 CO/M 2125—Family Communication (3)  
 CO/M 2150—Argumentation (3)  
 CO/M 2250—Organizational Communication (3)  
 GRAR 2650—Literary/Art Magazine Production (3)  
 GRAR 2750—Magazine Editing and Management (3)  
 HIST 1110—Western Civilization I (3)  
 HIST 1120—Western Civilization II (3)  
 JOUR 1000—Introduction to Mass Media (3)  
 JOUR 2250—Literary/Art Magazine Production (3)  
 JOUR 2270—Magazine Editing and Management (3)

## MATHEMATICS

BADM 1005—Business Mathematics (3)  
 GRAR 2710—Estimating (3)  
 MATH 1000—Problem Solving (3)  
 MATH 1050—Finite Mathematics (3)  
 MATH 1100—Theory of Arithmetic I (3)

MATH 1105—Theory of Arithmetic II (3)  
 MATH 1400—College Algebra (4)  
 MATH 1405—Precalculus Trigonometry (3)  
 MATH 1450—Precalculus Algebra and Trigonometry (5)  
 MATH 1510—Technical Mathematics I (3)  
 MATH 2200—Calculus I (5)  
 MATH 2205—Calculus II (5)  
 MATH 2210—Calculus III (5)  
 MATH 2250—Elementary Linear Algebra (3)  
 MATH 2300—Discrete Structures (3)  
 MATH 2310—Applied Differential Equations I (3)  
 MATH 2345—Survey of Calculus (5)  
 MATH 2350—Business Calculus (5)  
 MATH 2355—Mathematical Applications for Business (4)  
 MATH 2385—Research in the Life and Physical Sciences (3)  
 STAT 2010—Statistical Concepts for Business (4)  
 STAT 2050—Fundamentals of Statistics (4)  
 STAT 2070—Introductory Statistics for Social Science (4)

## SCIENCE

All college-level courses in ASTR, BIOL, CHEM, GEOL, MOLB, PHYS, ZOO\* worth (4-5) credit hours, AECL 2010, and AECL 2020.

*\* Both ZOO 2010 and ZOO 2020 must be completed to meet this requirement.*

## SOCIAL SCIENCE

All ANTH, CMRJ, ECON, G&R, HIST (except HIST 1110 and 1120), POLS, PSYC, SOC courses, and AGECE 1010 and AGECE 1020.

## VISUAL AND PERFORMING ARTS

ART 1010—Introduction to Art (3)  
 ART 1050—Drawing I (3)  
 ART 1110—Design: 2-D (3)  
 ART 2010—Art History I (3)  
 ART 2020—Art History II (3)  
 ART 2100—Computer Graphics I (3)  
 ART 2165—Issues in Web Design (3)  
 ART 2410—Ceramics I (3)  
 ART 2420—Ceramics II (3)  
 JOUR 1320—Movie Production (3)  
 MUSC 1000—Introduction to Music (3)  
 MUSC 1030—Written Theory I (3)  
 MUSC 1040—Written Theory II (3)  
 MUSC 2050—Music History Survey I (3)  
 MUSC 2055—Music History Survey II (3)  
 PHTO 1600—Survey of Photography (3)  
 PHTO 2165—Issues in Web Design (3)  
 THEA 2120—Oral Interpretation (3)

## WELLNESS EDUCATION

(No individual course may be repeated for credit.)  
This requirement may be waived only for physical disability verified by a physician's report. The Wellness Education requirement may be completed in one of three different ways:

### OPTION 1

Two credits of any activity-based courses.\*  
Activity-based courses include the following:

- PEAC courses
- PEAT courses
- OEAC courses
- Dance courses\*\* with a physical education activity designator [PEAC] (one credit only)
- OEPR 1100—Introduction to Adventure Education (one credit only)
- OEPR 1150—River Studies (one credit only)
- OEPR 1200—Winter Outdoor Survival

### OPTION 2

One credit of activity-based courses (see above) and one credit of approved nonactivity-based courses.\*\*\* Approved nonactivity-based courses include:

- EDCI/OEPR 2450—Introduction to Adventure Education (2)
- HLED courses
- FCSC 1140—Nutrition (2)
- FCSC 1141—Principles of Nutrition (3)
- NRST 1660—Basic Emergency Care (3)
- NRST 1990—Topics: (1-3)
- PEPR 1040—Sport First Aid (2)

### OPTION 3

One of the following courses:  
HLED 1270—Wellness (3)  
HLED 1271—Diet and Exercise (2)

\* One hour of activity-based coursework is waived for students taking an AAS in the Equine field.

\*\* Only one credit of PEAC 1330—Dance Ensemble may be used as an activity-based credit.

\*\*\* One credit toward the wellness requirement is completed through NRST 2750—Nursing in the Community.

## Below College-Level Courses

Courses listed below are not college-level courses.

- DVST 0510—Fundamentals of Reading I (1-3)
- DVST 0520—Fundamentals of Reading II (1-3)
- DVST 0600—Basic Writing I (3)
- DVST 0610—Basic Writing II (3)
- FREN 1050—Conversational French I (1-2)

- MATH 0900—Prealgebra (3)
- MATH 0920—Beginning Algebra (5)
- MATH 0930—Intermediate Algebra (5)
- SPAN 1050—Conversational Spanish I (1-2)
- SPAN 1060—Conversational Spanish II (1-2)

## Programs of Study Available

### ASSOCIATE OF ARTS

Students can graduate in General Studies without a disciplinary emphasis. In order to qualify for Veteran's Benefits, veterans must pursue the Liberal Studies degree with an area of specialization. Both **General Studies** and **Liberal Studies** are available, as are specializations in:

<u>SPECIALIZATIONS</u>	<u>PAGE</u>
American Studies.....	54
Interdisciplinary Studies, Media & Culture Studies, Native American Studies, Regional Ecology & Cultural Values	
Anthropology.....	71
Art.....	79
Communication.....	49
Education.....	73
Early Childhood.....	73
Elementary.....	73
Secondary.....	74
(with emphasis in subject area)	
English.....	56
Literary Studies.....	56
Writing.....	56
General Studies.....	33
Graphics.....	49/79
Design.....	50/79
History.....	74
Journalism.....	51
Print.....	51
Web/Broadcasting.....	52
Liberal Studies.....	33
Modern Languages.....	57
French.....	57
Spanish.....	57
Music.....	80
Political Science.....	75
Psychology.....	75
Religious Studies.....	76
Anthropology and Linguistics, Humanities and Philosophy, Historical Approaches	
Social Science.....	76
Sociology.....	77

## ASSOCIATE OF SCIENCE

<u>SPECIALIZATIONS</u>	<u>PAGE</u>
Accounting or Business Administration..	42
Agriculture.....	38
Agriculture Business.....	38
Agriculture Communication.....	39/48
Agriculture Education.....	39
Agroecology.....	40
Animal Science.....	40
Range Management.....	41
Archaeology Technology.....	72
Athletic Training.....	62
Biology.....	58
Chemistry.....	66
Computer Science.....	67
Education.....	73
Early Childhood.....	73
Elementary.....	73
Secondary.....	74
(with emphasis in subject area)	
Engineering.....	68
General Studies.....	33
Mathematics.....	69
Music.....	80
Natural Resource Biology.....	59
Environmental Biology, Forestry, Resource Management, Wildlife Management	
Nursing.....	64
Outdoor Education.....	62
Physical Education.....	62
Physics.....	69
Pre-Baccalaureate Nursing.....	64
Pre-Occupational Therapy.....	60
Pre-Optometry.....	60
Pre-Pharmacy.....	61
Pre-Physical Therapy.....	60
Pre-Professional Sciences.....	61
Pre-Dentistry, Pre-Medicine, Pre-Veterinary	

### ASSOCIATE OF APPLIED SCIENCE

<u>OPTIONS</u>	<u>PAGE</u>
Business.....	42
General Business, Accounting, Management, Marketing	
Business Technology.....	43
Administrative Assistant.....	44
Network Technician.....	44
Help Desk Specialist.....	44
Drafting Technology.....	68
Equine Business Management.....	45
Equine Riding and Training.....	45
Farm and Ranch Management.....	42
Farrier Business Management.....	46
Graphics.....	49/79
Design.....	50/79



Prepress Production.....	50/80
Printing Production.....	50/80
Music .....	80
Music Technology .....	81
Nursing .....	64
Photographic Communications .....	52
Production Agriculture .....	41
Technical Studies: Electrical Technology*	
Travel and Tourism .....	43
Welding Technology .....	46

*\*Special degree option. See the Academic Affairs Office for more information.*

Practical Nursing.....	65
Prepress .....	51
Professional Desktop Publishing .....	51
Web Design and Application .....	51/80
Word Processing.....	45

### ENDORSEMENTS

- Coaching\*
- Journalism\*

*\*NWC offers the lower division courses required for Wyoming endorsement in this area.*

Nursing section for special requirements of this program.)

## Cancellation of Classes

Northwest College reserves the right to cancel any scheduled courses in which the enrollment is insufficient to warrant offering the course or to change the days, time, location, or instructor of any course.

### NORTHWEST COLLEGE COMPREHENSIVE SKILLS CERTIFICATES

	<u>PAGE</u>
Electrical Apprenticeship (8 semesters)* .....	69
General Office/Clerical Skills .....	45
Production Agriculture.....	41
Welding Technology.....	46

*\*The Electrical Apprenticeship program is designed to provide training for apprentices in the electrical industry. The training includes the study of the National Electrical Code and electrical theory principals and fundamentals. The program meets the required 144 hours of classroom instruction for apprentices mandated by the Department of Fire Prevention and Electrical Safety.*

### NORTHWEST COLLEGE SKILLS CERTIFICATES

	<u>PAGE</u>
Archaeological Technician.....	72
Assistant Coach .....	63
Basic Digital Imaging .....	53
Basic Graphic Arts Production .....	51
Basic Photographic Imaging.....	53
Challenge Course Facilitation.....	62
Chemical Technician .....	67
Equine Care and Basic Riding.....	46
GMAW Welding .....	47
Graphics Administration .....	51
GTAW Welding .....	47
Head Coach .....	63
Lithographic Offset Press .....	51
Nursing Assistant.....	65
Offset Duplicator .....	51
Outdoor Guide Skills.....	46
Photographic and Digital Preservation Specialist.....	53

## Application for Graduation

Candidates for graduation are required to submit an application for graduation to the Registrar by the deadlines listed below to ensure all requirements can be met on time.

*For December graduation..... September 15  
For May graduation..... March 15  
For July graduation..... May 3*

## Earning A Second Degree

Students who wish to earn a second degree from Northwest College may count 49 credits from the first degree toward the second degree. General education and specific program requirements for the second degree must be satisfied (second degree = 79 credits and third degree = 94 credits).

## Catalog Under Which a Student May Graduate

A student may graduate from Northwest College by meeting degree requirements of the catalog in place at the time of initial enrollment, or may change *one time only* to the degree requirements of the catalog in place at the time of graduation. A student who does not take classes for three or more consecutive years must use the degree requirements of the catalog in place at the time of re-entry to Northwest College. (See