

DEGREES, CERTIFICATES AND CREDENTIALS

ASSOCIATE OF ARTS DEGREES

Art
Criminal Justice
Early Childhood Education
Elementary Education
English
General Studies
International Studies
Music
Native American Studies
Outdoor Education and Leadership
Pre-Legal Studies
Psychology
Secondary Education
Social Science
Theater
 General
 Acting Emphasis
 Technical Emphasis
Western American Studies

ASSOCIATE OF SCIENCE DEGREES

Accounting
Ag/Range Management
Agri-Business
Athletic Training
Biological Science
Business Administration
Computer Science
Earth and Environmental Science
Environmental Science and Leadership
Homeland Security
Horse Science
Mathematics
Physical Science
Pre-Engineering
Pre-Health Professional

ASSOCIATE OF APPLIED SCIENCE DEGREES

Accounting-Career
Administrative Assistant
Art
 Graphic Design
 Photography
Auto Parts Specialist
 Auto Parts Management
 Outside Sales Parts
Automotive Technology
 General
 Parts Specialist
 Power Sports
Business Management
Computer Technology
Construction
Criminal Justice
Culinary Arts
Early Childhood
Entrepreneurship

Environment, Health, & Safety
 Environmental Technician
 Health & Safety Technician
Facilities Maintenance Technology
Farm and Ranch Resource Management
Fire Science
Graphic Design
Horse Management
Hotel and Restaurant Management
Human Services
 General
 Addiction
Medical Office Assistant
Nursing
Outdoor Recreation
Photography
Radio, TV, Film, or Communication
Software Support Specialist
Technical Studies
Welding

CERTIFICATES

Accounting-Bookkeeping
Auto Parts Specialist
 Counter Part Sales
Automotive Technology
 General
 Parts Specialist
 Power Sports
Computer Technology
Construction
Culinary Arts
Dental Assistant
Entrepreneurship
Environment, Health, & Safety
 Environmental Technician
 Health & Safety Technician
Facilities Maintenance Technology
Farm and Ranch Resource Management
Health Science: Medication Assistant
Horse Management
Hotel Management
Medical Office Support
Office Support
Restaurant Management
Technical Studies
Welding

CREDENTIALS

American Indian Studies
Art
 Two Dimensional
 Three Dimensional
Artist Credential
Automotive Technology
 General
 Parts Specialist
 Power Sports
Computer Technology
Construction
Culinary Arts
Customer Service: Business
 Environment
Customer Service: Business Skills
Customer Service: Computer Skills
Customer Service: Contact Skills
Customer Service: Specialist
Dental Assistant
Entrepreneurship
Environment, Health, & Safety
 Environmental Technician
 Health & Safety Technician
Equine Training Technology
Facilities Maintenance Technology
Farm and Ranch Resource Management
Farrier Science
Fire Science
Health Science: Certified Nursing
 Assistant II
Hotel Management
Manufacturing: Organization and
 Workplace Skills
Manufacturing: Production
 Requirements and Automated
 Manufacturing
Manufacturing: Representative
Manufacturing: Specialist
Medical Office Support
Mormon Migration
Office Specialist
Oregon Trail
Rail Car Repair
Restaurant Management
Teaching Riding
Welding
Wilderness Emergency Medical
 Technician
Wilderness First Responder

ASSOCIATE DEGREES

Central Wyoming College offers three different types of degrees and numerous certificates and credentials. Students who satisfactorily complete an associate degree program of study are awarded one of the following degrees:

Associate of Arts AA
Associate of Science AS

The Associate of Arts and Associate of Science degrees are designed for students who wish to enter a program of study for a degree that will transfer to a four-year institution. Since baccalaureate programs vary in requirements, students are urged to obtain information regarding requirements of the transfer institution. The transfer institution determines the transferability of courses. These transfer students will receive a degree upon graduation that specifies either Associate of Arts or Associate of Science in their declared program. In addition to specific program requirements, a minimum of 16 of the final 32 credits of the degree must be earned through Central Wyoming College.

Associate of Applied Science AAS

The Associate of Applied Science degree is designed to prepare students for immediate employment in a skilled occupation or to upgrade current employment capabilities. These students usually expect to begin work after completing their degrees. There are, however, students who do transfer to other institutions for further study. The transfer institution determines the transferability of courses. These students will receive a degree upon graduation that specifies Associate of Applied Science in their declared program. In addition to specific program requirements, a minimum of 16 of the final 32 credits of the degree must be earned through Central Wyoming College.

MULTIPLE DEGREES

Students pursuing an AA, AS, or AAS degree may receive a second degree simultaneously by taking a minimum of 12 additional credits from CWC in a different Academic Program and satisfying the requirements for the degree.

A student meeting the requirements for a degree with an area of emphasis in General Studies and in another area can receive simultaneous degrees if there is a 12 credit difference from CWC between the degrees. If a student is receiving one degree in a specific program and would like to receive an additional degree, there must be a 12 credit difference between programs from CWC.

CERTIFICATES

Certificates recognize the completion of at least one year (30 semester hours) of courses in a concentrated skill area of study. Certificates are primarily for those students in occupational areas. Students must complete all courses listed under the program description for that Certificate, which may be found in the Programs of Study section of this catalog. Students should consult with an advisor regarding appropriate Certificate requirements, which include three (3) credits of language arts/communication and three (3) credits of computational (mathematical) skills.

A student must earn a minimum cumulative 2.0 (C) GPA in all hours taken at CWC and in all credits required for the Certificate. A

minimum of ten (10) hours applied toward the Certificate must be taken through Central Wyoming College. Additionally, a minimum of 10 of the final 20 hours applied toward the certificate must be taken through Central Wyoming College. In those cases where coursework is transferred in and applied toward a Certificate, the student may be asked to demonstrate skills proficiency.

CREDENTIALS

A credential is awarded in various occupational and academic areas. To qualify for the credential the student successfully develops a particular skill/knowledge level in an area of emphasis. The credential is a certificate which does not contain any general education requirements. It may require any number of credits as determined by the skill set. A student must earn a minimum grade of C in each of the required courses for the credential. These credentials are listed in the Programs of Study section of this catalog.

APPLICATION FOR GRADUATION

Students who complete the published requirements for one or more Credential, Certificate and/or Degree are eligible to graduate from Central Wyoming College. In order to graduate, students must apply for graduation by completing the Application for Graduation form found on the Graduation page of the CWC website: www.cwc.edu, or through the myAdvisor link of myCentral. This will assure the potential graduate's preferences are honored for diploma name, address, academic program, attendance at the commencement ceremony in the spring and publication of their degree. A completed Program Evaluation signed by the appropriate Dean must be submitted to the Registration and Records office by the graduation application deadline. A Program Evaluation can be obtained by seeing the student's advisor or through the myAdvisor link of myCentral. The graduation application deadline is posted on the Graduation page of the CWC website, in the student handbook and in the course schedule. Failure to complete the application for graduation form and/or a signed program evaluation by the published graduation deadline will postpone the student's graduation date into the next term.

CATALOG GOVERNING GRADUATION

Students at Central Wyoming College are encouraged to use the current catalog for requirements or changes in their programs of study. However, students may fulfill the program requirements of graduation stated in the catalog or addendum which was in effect at the time they first enrolled at Central Wyoming College. Students who have an interruption in their studies of two or more consecutive semesters must fulfill the requirements of the catalog in effect upon their return to Central Wyoming College. Due to the specialization of some degree programs, students may be required to adhere to the current catalog requirements. Individual exceptions to the above policy may be considered by formal petition through the Office of the Vice President for Academic Services. It is the responsibility of students to be aware of changes in requirements. Because some courses are scheduled in alternating years and/or semesters, students must plan ahead in order to meet degree requirements. Students can inform themselves of requirement changes by reviewing the catalogs and addendums which are published annually.

MINIMUM GRADE REQUIREMENTS

A student graduating with a degree or certificate must have a minimum cumulative grade point average of 2.0 (C). A student graduating with a credential must have a minimum grade of C in each of the required courses for the credential.

GENERAL EDUCATION REQUIREMENTS

The purpose of General Education is to help students attain the skills and knowledge appropriate to an educated human being and to assist them in becoming lifelong learners. Some CWC General Education requirements address specific skills, such as written communication. Other CWC General Education requirements encompass broad spectrums of information through which learners come to know and understand themselves, others and the world. General Education requirements are the foundation of specialized knowledge in a major. The Program of Study section of this catalog, which follows, identifies the General Education requirements of each degree offered.

GENERAL EDUCATION DESIGNATORS

Many courses listed in the Course Descriptions section of this catalog include a three or four-character alphabetical designator which indicates the general education degree requirement the course satisfies. These designators may be found at the end of the course descriptions. Following are general education requirements followed by their designators:

Writing Level I	WR1
Writing Level II	WR2
U.S. and Wyoming Constitution	POLS 1000
Visual, Performing, Expressive Arts	ARTS
Diversity	DIV
Humanities	HUM
Lab Science	LSCI
Mathematics	MATH
Oral	ORAL
Physical Activity	PEAC
Social/Behavioral Science	SOC
University Studies	UNST
Wellness	WELL

Applied Mathematics (For Associate of Applied Science degrees only)	APPM
Information Technology (For Associate of Applied Science degrees only)	IT

A list of courses which fulfill each of these general education requirements is available at the conclusion of the Course Description section of this catalog. Students are encouraged to review their desired program requirements in the Programs of Study section of this catalog for specific course requirements.

GENERAL EDUCATION DEFINITIONS

General Education requirements consist of two types of courses. Courses are designed to assure that each student has attained a minimum level of competency or skill in specific areas, such as English

and math; and courses in content areas of study designed to assure that all students acquire a broad general education. Arts, humanities and diversity are examples.

Critical and Creative Thinking, Self-Directed Learning, Communication, and Technological Literacy are components of all general education courses except Physical Activity.

Writing Level I: (WR1)

Writing Level I courses are designed to improve students' written communications skills.

Student Objectives

- Write clear, accurate sentences and paragraphs in Standard American English
- Create and support theses which show critical/creative thought
- Make effective use of drafts, computer technology, and instructor comments in the achievement of a final work
- Critically read and analyze the work of fellow students
- Support theses in a coherent and organized fashion with paragraphs that are cohesive and fully developed
- Write effective introductions and conclusions
- Communicate effectively in a variety of rhetorical modes
- Write for a variety of audiences
- Use and correctly document research to support a thesis
- Critically read and analyze published writings
- Write no fewer than 20 pages, comprising no less than three and no more than five essays, one of which shall be a 5 to 10 page research paper

Writing Level II: (WR2)

Writing Level II courses are designed to further improve student's written communication skills while increasing critical thinking skills and analytical abilities through written and oral analysis of texts.

Student Objectives

- Write clear, accurate sentences and paragraphs in Standard American English
- Create and support theses which show critical/creative thought
- Make effective use of drafts, computer technology, and instructor comments in the achievement of a final work
- Support theses in a coherent and organized fashion with paragraphs that are cohesive and fully developed
- Write effective introductions and conclusions
- Write for a variety of audiences
- Use and correctly document research to support a thesis
- Critically read and analyze published writings
- Write no fewer than 20 pages, comprising no less than three and no more than five essays, one of which shall be a 5 to 10 page research paper

U.S. and Wyoming Constitution: (POLS 1000)

U.S. and Wyoming Constitution study provides knowledge and understanding of the fundamental documents, principles, and institutions that shape local and national government. To achieve this understanding, these central ideas will be studied in light of their cultural and historical contexts. Wyoming state statutes require this study and Central Wyoming College endorses its importance for developing a responsible citizenry.

Student Objectives

- Explain the historical development and cultural contexts of the United States and Wyoming constitutions and political systems
- Identify and analyze the fundamental principles, structures, and processes contained within the U.S. and Wyoming constitutions as ideals in conjunction with their real, historical and contemporary application in the political world

- Explain how the documents, principles, and institutions of U.S. and Wyoming government can adapt to and accommodate societal and historical change
- Define how their understanding of the political institutions by which they are governed is directly related to their roles as active and responsible citizens

Visual, Performing, Expressive: (ARTS)

The images, symbols, gestures and sounds of the arts provide vehicles for expression, stimulation of creativity, and communication beyond traditional language skills. These courses provide the skills and thinking processes necessary for creativity and develop a conceptual basis for making qualitative judgments about art culture. Courses emphasize active participation in the art form.

Student Objectives

- Demonstrate skills in practice of fine arts such as Visual, Performing, or Literary Art
- Describe the basic elements of the art
- Make aesthetic and intellectual judgments concerning the art
- Develop an appreciation for the art's contribution to culture

Diversity: (DIV)

Diversity study prepares students to recognize the continuing importance of categories of identity while at the same time understanding how historically contingent and changing these categories are.

Student Objectives

- Explore the complexity of cultural identities in the world and the interdependence of these cultures
- Gain an understanding of the influences of categories of identity such as race, class, national origin, ethnicity, gender, disability, sexual orientation, religion and age on behaviors, institutions, values and beliefs
- Critically examine personal values, attitudes, and cultural identities
- Appreciate how the diversity of the cultural traditions has shaped and continues to shape identity and experience

Humanities: (HUM)

The Humanities analyze the ways human beings seek to understand themselves. They study questions about individuality, community, knowledge, justice, beauty and ethics. The Humanities explore the perennial problems of human existence. Through these courses students gain the opportunity for self-awareness and self-expression and gain the ability to deal with complex issues, trace cultural traditions, recognize the viewpoints of others and function effectively in multicultural communities.

Student Objectives

- Discuss the cultural, historical, literary, philosophical, artistic, or religious influences upon the development of civilization
- Describe and critically assess prominent works concerned with human culture and experience, particularly humanity's quest for meaning and value
- By the study of appropriate cultural knowledge and material, analyze and describe the beliefs and values of different cultures

Laboratory Science: (LSCI)

Science involves observing, formulating, and testing natural science concepts. The scientific process is used to better understand the nature of the universe through the systematic collection, analysis and interpretation of data. The laboratory component will enhance and reinforce the scientific process.

Student Objectives

- Describe the fundamental principles of physical, biological or earth science
- Apply methods and appropriate technology to the study of science in an inquiry-based learning environment
- Communicate findings, analyses and interpretation both orally and in writing based on scientific and quantitative methods and the differences between these approaches and other methods of inquiry
- Recognize differing approaches to thinking scientifically
- Discuss relevant scientific issues and problems
- Discuss the interdependence of science and technology and their influence on, and contribution to, modern culture

Mathematics: (MATH)

Mathematics, sometimes described as quantitative reasoning, is the organization, analysis and application of measurement—including data representation, number sense, variables, spatial relationships, and chance—to both theoretical and applied problems. Math General Education courses may include numerical, logical, algebraic, geometric, or algorithmic thinking as well as the integration of these modes of analysis with students' verbal, creative, and critical thinking skills.

Student Objectives

- Apply arithmetic, algebraic, geometric, higher-order thinking, or statistical methods to modeling and solving real-world situations
- Represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically
- Expand mathematical reasoning skills and formal logic to develop convincing mathematical arguments
- Use appropriate technology to enhance mathematical thinking and understanding and solve mathematical problems and judge the reasonableness of the results
- Interpret mathematical models such as formulas, graphs, tables, schematics, and draw inferences from them

Oral: (ORAL)

Oral communication develops the ability to compose, critically analyze, and present information through verbal and nonverbal interactions.

Student Objectives

- Demonstrate communication skills for a variety of audiences and settings using verbal and nonverbal messages
- Identify basic concepts of communications
- Demonstrate speaking competencies, such as choice and use of topic, supporting materials, organizational pattern, language and delivery
- Develop listening competencies, such as listening with literal and critical comprehension to ideas, perspectives and emotions in messages

Physical Activity: (PEAC)

Physical activity constitutes one of the major components of a healthy lifestyle and general health promotion. The knowledge and experience gained will enable students to make informed decisions about their own health as it relates to their quality of life and longevity.

Student Objectives

- Participate in at least one physical activity
- Explain the risks and benefits associated with the physical activity

Social and Behavioral Science: (SOC)

Social and Behavioral Sciences study the ways humans exist within economic, political, familial, psychological, geographical, historical and social structures. This diverse thematic and systematic study of individuals and groups demonstrates the wide range of disciplines and methodologies used to analyze social problems and structures. Such courses also give considerable attention to the development and justification of conclusions and theories within the social and behavioral science disciplines.

Student Objectives

- Describe the focus and methodology of at least one of the social or behavioral sciences, and explain its interconnectedness with other disciplines
- Discuss the impact of major institutions on the daily existence and behavior of individuals or collectives
- Analyze how social systems, institutions or behaviors change over time and how they shape the lives of individuals
- Gather information, analyze data and draw conclusions in selected areas of the social or behavioral sciences

University Studies: (UNST)

University Studies provides the skills and philosophy necessary for success as a student and as a lifelong learner. Students will develop lifelong learning skills by producing, rather than merely receiving, information; evaluating and cultivating learning styles and study strategies; and synthesizing information from a variety of sources. The objectives may be embedded in a discipline-specific entry level class or addressed in a free-standing class.

Students who have a minimum of 12 credits with a minimum 2.0 GPA are exempt from taking UNST. The credit hour for the UNST requirement must be filled in any area of study for the degree, e.g. the student cannot waive the UNST requirement and graduate with 63 credits – 64 credits must be completed. If the student is enrolled in a program of study that requires more than 64 credits to graduate, the UNST credit is waived. i.e. a substitution is not necessary and the student may graduate with one less credit than the program requires, e.g. a 72 credit program will be accepted as a 71 credit program for this student.

A maximum of three credits of UNST can be used toward graduation in an Associate Degree, Certificate or Credential Program.

Student Objectives

- Define the resources available to students and lifelong learners
- Describe and use post-secondary resources such as advisors, programs, policies and procedures to reach educational goals
- Describe effective study, note-taking and test-taking skills
- Evaluate their learning styles and personality types and apply the knowledge attained to become more confident, effective learners
- Use critical thinking skills

Wellness: (WELL)

Wellness constitutes one of the major components of a healthy lifestyle and general health promotion. The knowledge and experience gained will enable students to make informed decisions about their own health as it relates to their quality of life and longevity.

Student Objectives

- Identify the components of a healthy life style including diet and nutrition, exercise, stress management, cardiovascular health, and avoidance of injury, disease and addictive behaviors
- Explain the risks associated with physical inactivity

NOTE: The following General Education Requirements are specific to AAS degrees:

Applied Mathematics: (APPM)

Applied mathematics, numerical reasoning, is the organization, analysis and application of measurement-including data representation, number sense, variables, and spatial relationships—to applied problems. Applied Math General Education courses may include numerical, logical, algebraic, geometric, or algorithmic thinking as well as the integration of these modes of analysis with students' verbal, creative, and critical thinking skills.

Student Objectives

- Apply arithmetic, algebraic, geometric, higher-order thinking, or statistical methods to modeling and solving real-world situations
- Represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically
- Use appropriate technology to enhance mathematical thinking and understanding and solve mathematical problems and judge the reasonableness of the result
- Interpret mathematical models such as formulas, graphs, tables, schematics, and draw inferences from them
- Develop the view that mathematics is an evolving discipline, interrelated with human culture, and understand its connections to other disciplines

Informational Technology: (IT)

Information technology skills enable an individual to use computers, software applications, databases, and other technologies to achieve a wide variety of academic, work-related, and personal goals. Fluency with technology includes understanding the underlying concepts of technology and applying problem-solving and critical thinking to using technology.

Student Objectives

- Learn the fundamentals of at least one computer program
- Use the computer as a useful tool to solve practical problems
- Use the proper procedures to create documents for coursework, professional purposes, and personal use

DEGREE REQUIREMENTS**Associate of Arts****Associate of Science***

1. All courses must be college-level courses as indicated by a number of 1000 or above.
2. Successful completion of a minimum of 64 credits in a prescribed curriculum. A grade of "F" or "U" does not constitute successful completion of a class. A grade of "D" in CWC classes is considered successful completion only for general elective courses.
3. Cumulative grade point average of 2.0 (C) is required in all hours completed at Central Wyoming College.
4. Minimum cumulative grade point average of 2.0 (C) in those courses required for graduation in the student's prescribed program.
5. Minimum of 2.0 (C) in each general education course requirement. See General Education Requirements.
6. Minimum of 2.0 (C) in each program requirement in the student's program of study. Refer to the Programs of Study section of this catalog for specific courses.
7. A maximum of 12 general elective credits may be taken under the S/U grading option. An S/U graded course will not be accepted to fulfill a general education or program requirement unless the course is offered for S/U grading only.
8. Topics and directed studies courses may not be used to satisfy general education requirements.
9. A minimum of 16 of the final 32 credits of the degree must be earned through Central Wyoming College.

**Associate of Arts Degree or Associate of Science Degree*
General Education Requirements**

Writing Level I (WR1)	3	Credits
Writing Level II (WR2)	3	Credits
U.S & Wyoming Constitution (POLS 1000)	3	Credits
ARTS	3	Credits
DIV	3	Credits
HUM	3	Credits
LSCI	4	Credits
MATH	3	Credits
ORAL	3	Credits
PEAC	1	Credit
SOC	3	Credits
UNST	1	Credit
WELL	1	Credit
Total	34	Credits

* For the Associate of Science (AS) degree, the program requirements section must include one additional course in mathematics, lab science or statistics.

Associate of Applied Science

1. All courses must be college-level courses as indicated by a number of 1000 or above.
2. Successful completion of a minimum of 64 credits in a prescribed curriculum. A grade of "F" or "U" does not constitute successful completion of a class. A grade of "D" in CWC classes is considered successful completion only for general elective courses.
3. Cumulative grade point average of 2.0 (C) is required in all hours completed at Central Wyoming College.

4. Minimum cumulative grade point average of 2.0 (C) in those courses required for graduation in the student's prescribed program.
5. Minimum of 2.0 (C) in each general education course requirement. See General Education Requirements.
6. Minimum of 2.0 (C) in each area of emphasis requirement in the student's program of study. Refer to the Programs of Study section of this catalog for specific courses.
7. A maximum of 12 general elective credits may be taken under the S/U Grading option. An S/U graded course will not be accepted to fulfill a general education or program requirement unless the course is offered for S/U grading only.
8. Topics and directed studies courses may not be used to satisfy general education requirements.
9. A minimum of 16 of the final 32 credits of the degree must be earned through Central Wyoming College.

**Associate of Applied Science Degree
General Education Requirements**

Writing Level I (WR1)	3	Credits
U.S & Wyoming Constitution (POLS 1000)	3	Credits
MATH/APPM/LSCI	3	Credits
Student must complete 9 credits of general education courses distributed over 3 of the following different general education areas, one of which is either WR2 or ORAL		
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	9	Credits
PEAC/UNST/WELL	1	Credit
Total	19	Credits





PROGRAMS OF STUDY

TRANSFER PROGRAMS

Transfer programs are approximately two years in length, require the successful completion of at least 64 credits, and culminate in the Associate of Arts (AA) or Associate of Science (AS) degree. These programs are designed for students who wish to transfer to a bachelor's degree program at a four-year college or university following graduation from Central Wyoming College. The length of time required to complete a program is dependent upon the student's level of preparation and the course load for which the student enrolls.

Students planning to transfer to a four-year college or university are advised to obtain a catalog from the institution to which they wish to transfer. Using Central Wyoming College's catalog, along with the four-year institution's catalog and advisement information, the student will be able to make appropriate decisions for maximum transferability of his or her courses.

Students may complete a baccalaureate (four-year) degree while remaining at CWC through cooperative agreements with a variety of institutions.

CWC has an articulation agreement with the University of Wyoming for transfer. Students who transfer to UW with the Associate of Arts or Science (AA/AS) degree and have a minimum of two three (3) credit college level math courses will be deemed to have met UW's lower division general education requirements.

Students who transfer to UW with less than an AA or AS degree will have their transcript evaluated on a course-by-course basis based on The Wyoming Higher Education Transfer Guide. Also included in

this category are students who receive occupational or other associate degrees, e.g. Associate of Applied Science (AAS).

The Wyoming Higher Education Guide provides course transfer status information. Students may utilize the information in the transfer guide by checking with the Registration and Records Office, or an academic advisor. The University of Wyoming also has a toll-free telephone service (1-800-342-5996) that students are encouraged to use to clarify any transfer questions they may have. Assistance is also available from your program advisor.

Students should keep in mind that transfer institutions evaluate a student's transcript on the basis of courses taken and not a specific program.

PROGRAMS CAN BE FLEXIBLE

CWC recognizes that all student goals are not met with a single academic plan. Therefore, it is the College's intent to offer programs of study in the Associate of Arts and Associate of Science programs that are flexible, acknowledging a student's unique goals and the institution's ability to offer specific courses. Consequently, students should be aware that some classes listed in the following Programs of Study section of this catalog may need to be substituted. Thus, the courses and programs listed below are recommendations only. Courses used for general education requirements must have the proper general education designator.

Since faculty are continually evaluating and updating courses and programs of study to better serve students, individual students should frequently contact their advisors for course and program changes to ensure meeting the appropriate requirements for graduation and transfer.

PROGRAMS OF STUDY

CWC reserves the right to cancel any course listed in a program of study for which there is not sufficient enrollment. Certain courses are offered irregularly and are based on demand.

CAREER/TECHNICAL PROGRAMS

Career/technical programs vary in length from several months to approximately two years and lead to a credential (CRD), Certificate (CERT) or the Associate of Applied Science (AAS) degree. These programs are intended to prepare the student for entry into the job market after graduation. Although these programs are not primarily intended for transfer to four-year colleges or universities, transferability is determined by the accepting institution. Students who wish to continue their education after leaving Central Wyoming College are encouraged to correspond with the institution to which they plan to transfer.

The length of time required to complete a program is dependent upon the student's level of preparation and the course load for which the student enrolls.

PROGRAMS OF STUDY

Programs of study at Central Wyoming College are constantly reviewed and updated. For the most current information regarding any program in this catalog contact the Registration and Records Office, your advisor or the appropriate academic division office.

Students who are uncertain about career goals or a program of study may pursue a General Studies curriculum. Students choosing this program of study may include a variety of college transfer courses in business, sciences, social sciences, humanities or the arts, to name a few, or may concentrate on an area or areas of interest. (See "General Studies" listed below.)

All programs leading to degrees, certificates or credentials are listed alphabetically in this section of the catalog. Within each program, General Education requirements are listed first, then all required program courses followed by electives. See the Course Descriptions section of this catalog for a brief outline of each course. Also refer to the course numbering system at the beginning of the Course Description section for information which will help in the selection of the appropriate courses for a specific degree.

GENERAL STUDIES

This is a college transfer program for students who wish to combine coursework in several areas of interest.

Students may include a variety of courses or may concentrate on an area or areas of interest. Specific classes are then selected by students in consultation with their faculty advisor. Students should meet regularly with their advisors to help ensure satisfactory academic progress. Changes in program curriculum require prior advisor or Dean approval.

A student meeting the requirements for a degree with an area of emphasis in General Studies and in another area can receive simultaneous degrees if there is a 12 credit difference from CWC between the degrees. If a student is receiving one degree in a specific program and would like to receive an additional degree, there must be a 12 credit difference between programs from CWC.

Associate of Arts Degree

General Education Requirements

	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

General Studies Component	24
General Electives	6
Total	64

ACCOUNTING

Courses offered in this college transfer curriculum enable students to acquire background and training to enter private, public or governmental accounting positions upon completion of studies at a four-year college.

Associate of Science Degree

General Education Requirements

	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	(In program)
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	4
MATH	(In program)
ORAL	(In program)
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

ACCT 1010	Principles of Accounting I	4
ACCT 1020	Principles of Accounting II	3
ACCT 2240	Cost/Managerial Accounting	3
BADM 1020	Business Communications (WR2)	3
CO/M 1010	Public Speaking (ORAL)	3
ECON 1010	Macroeconomics (SOC)	3
ECON 1020	Microeconomics (SOC)	3
IMGT 2400	Introduction to Information Management.....	3
MATH 1400	College Algebra* (MATH)	4
MATH 2350	Business Calculus	4
MATH 2355	Math Applications for Business	4
MGT 2100	Introduction to Management	3
STAT 2050	Fundamentals of Statistics	4
Total		64-66

* Students placing into MATH 2350 Business Calculus are NOT required to take MATH 1400, but they must take an additional 2 credits to meet the 64 credit degree requirement.

** Business College at University of Wyoming prefers a student take the following courses before transferring:

MGT 1040 Business Law I (3 credits), MGT 2000 Introduction to Business (3 credits), MGT 2110 Business Ethics (3 credits), and CMAP/MOUS 1775 Spreadsheets (3 credits)

ACCOUNTING – BOOKKEEPING

This accounting program provides both practical and theoretical preparation for clerical positions.

Certificate

General Education Requirements		Credits
Writing Level I (WR1)		3
MATH/APPM	(In program)	
UNST		1

Program Requirements

ACCT 1010	Principles of Accounting I	OR	
ACCT 1050	Practical Accounting I		3-4
ACCT 1065	Computerized Accounting:.....		2
BADM 1005	Business Math I (APPM)		3
BADM 1020	Business Communications.....		3
CMAP 1775	Spreadsheet Applications:* OR		
MOUS 1775	Spreadsheet Applications:*		3
MGT 2000	Introduction to Business		3

Program Electives

Student must complete 9 additional credits of advisor approved courses from the following departments:

ACCT, BADM, BOTK, CMAP, CO/M, COSC, or MGT	9
--	---

Total **30-31**

* Students who have limited or no computer experience, must take CMAP 1680 or COSC 1200 first.

ACCOUNTING – CAREER

Preparation is directed toward careers in business and industrial accounting departments as accounting clerks and junior accountants. Some of the courses offered in this program may not be transferable to a four-year college.

Associate of Applied Science Degree

General Education Requirements		Credits
Writing Level I (WR1)		3
American & Wyoming Government (POLS 1000).....		3
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	(In program)	
MATH/APPM/LSCI	(In program)	
PEAC/UNST/WELL.....		1

Program Requirements

ACCT 1010	Principles of Accounting I	4
ACCT 1020	Principles of Accounting II	3
ACCT 1065	Computerized Accounting: (IT)	2
ACCT 1750	Income Tax	3
ACCT 2230	Intermediate Accounting I.....	4
ACCT 2240	Cost/Managerial Accounting	3
BADM 1005	Business Math I (APPM)	3
BADM 1020	Business Communications (WR2)	3
CMAP 1775	Spreadsheet Applications:* OR	
MOUS 1775	Spreadsheet Applications:*	3
ECON 1010	Macroeconomics (SOC)	3
ECON 1020	Microeconomics (SOC).....	3
MGT 1040	Business Law I	3
MGT 2000	Introduction to Business	3
MGT 2100	Introduction to Management	3
MGT 2110	Business Ethics	3
PFDV 1500	Managing Career Development.....	3

General Electives

Total **64**

* Students who have limited or no computer experience must take CMAP 1680 or COSC 1200 as a general elective.

ADMINISTRATIVE ASSISTANT

The Associate of Applied Science degree in Administrative Assistant prepares students for immediate employment as key support personnel in an office environment. The program is designed to prepare students for positions that require technical office skills and may involve supervising office operations, interacting with customers or clients, and managing a billing system or budget. Students receive training in using current computer technologies and are given the opportunity to earn certification as a Microsoft Certified Application Specialist.

The general education requirements are designed to encourage students to develop skills, such as critical and creative thinking, computation and communication, lifelong learning, and technical skills, all of which are used by an Administrative Assistant.

Associate of Applied Science Degree

General Education Requirements		Credits
Writing Level I (WR1)		3
American & Wyoming Government (POLS 1000).....		3
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	(In program)	
MATH/APPM/LSCI	(In program)	
PEAC/UNST/WELL.....		1

Program Requirements

ACCT 1050	Practical Accounting OR	
ACCT 1010	Principles of Accounting I	3/4
ACCT 1065	Computerized Accounting:.....	2
BADM 1005	Business Math I (APPM)	3
BADM 1020	Business Communications (WR2)	3
BOTK 1540	Business English.....	3
BOTK 1655	Speed and Accuracy Development.....	1
CMAP 1615	Operating Systems:.....	3
CMAP 1725*	Word Processing Apps: (IT)**	3
CMAP 1775	Spreadsheet Applications:	3
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL).....	3
PFDV 1500	Managing Career Development.....	3

* Students who have limited or no computer experience must take CMAP 1680 before enrolling in CMAP 1725.

** CMAP 1725 can be used as an IT general education course ONLY in this program as they are higher level knowledge courses than CMAP 1680.

Program Electives

Courses selected from following program electives must be approved by major academic advisor:

ACCT, BADM, BOTK, CMAP, CPED, ENTR, IMGT, MGT, MKT, MOUS	15
---	----

General Electives

Total **64**

AGRI-BUSINESS

The goal of the Associate of Science in Agri-Business is to provide the first step in preparing students for a Bachelor's degree in Agri-Business at a four-year institution.

The general studies and program requirement components offer students a broad base of knowledge in English, communication, political science, economics, farm and ranch business management, and other areas required in the first two years of or transfer degree.

Program electives allow students to select additional agriculture and/or ranch management courses to complement an Agri-Business degree.

PROGRAMS OF STUDY

Associate of Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	(In program) 3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	(In program)
ORAL	(In program)
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

ACCT 1010	Principles of Accounting I	4
ACCT 1020	Principles of Accounting II	3
AGEC 2020	Farm and Ranch Business Management.....	4
BADM 1020	Business Communications (WR2)	3
BIOL 1010	General Biology I (LSCI)	4
CO/M 1010	Public Speaking (ORAL)	3
ECON 1010	Macroeconomics (SOC)	3
ECON 1020	Microeconomics (SOC)	3
IMGT 2400	Introduction to Information Management.....	3
MATH 1400	College Algebra* (MATH)	4
MATH 2350**	Business Calculus	4
STAT 2050	Fundamentals of Statistics	4

Program Electives

Student must choose a minimum of 6 credits from the following courses:

AECL 1000	Agroecology	4
AECL 2100	Integrated Resource Management.....	3
AGEC 2010	Farm and Ranch Business Records.....	3
ANSC 1010	Livestock Production I	4
ANSC 2020	Feeds and Feeding	4
ENR 2010	Environmental Law.....	3
SOIL 2010	Introduction to Soils.....	4
SOIL 2130	Environmental Quality	3
REWM 1000	Introduction to Range Management.....	1
REWM 1300	Introduction to Water Resources	3
REWM 2000	Principles of Range Management	3
REWM 2500	Rangeland Plant Identification.....	2
Total		64

* Students testing into MATH 2350 or MATH 2200 are NOT required to take MATH 1400 but they must take an additional 4 credits to meet the 64 credit requirement.

** Students who have earned credit in MATH 2200 Calculus I may substitute for MATH 2350.

AGRICULTURE/RANGE MANAGEMENT

The goal of the Associate of Science in Agriculture/Range Management is to provide the first step in preparing students for a bachelor's degree in agriculture or range management at a four-year institution.

The general studies and program requirements components offer students a broad base of knowledge in English, communication, political science, math, and range courses required in the first two years of a transfer degree.

Program electives allow students to select additional agriculture and/or ranch management courses to complement this degree.

Associate of Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	(In program) 3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	(In program)
ORAL	(In program)
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

BADM 1020	Business Communications (WR2)	3
BIOL 1010	General Biology I (LSCI)	4
CHEM 1000	Introduction to Chemistry (LSCI)	4
CO/M 1010	Public Speaking (ORAL)	3
ECON 1020	Microeconomics (SOC)	3
MATH 1400	College Algebra* (MATH)	4
STAT 2050	Fundamentals of Statistics.....	4
REWM 1300	Introduction to Water Resources	3
REWM 2000	Principles of Range Management	3
REWM 2500	Rangeland Plant Identification.....	2
SOIL 2010	Introduction to Soils.....	4

Program Electives

Student must choose 9 credits from the following courses:

AECL 1000	Agroecology	4
AECL 2100	Integrated Resource Management.....	3
AGEC 2010	Farm and Ranch Business Records.....	3
AGEC 2020	Farm and Ranch Business Management.....	4
ANSC 1010	Livestock Production I	4
ANSC 2020	Feeds and Feeding	4
ENR 2010	Environmental Law.....	3
REWM 1000	Introduction to Range Management	1
SOIL 2130	Environmental Quality	3
Total		64

* Students placing into MATH 2350, Business Calculus or MATH 2200, Calculus I should take that course in place of MATH 1400.

ANTHROPOLOGY

See: Social Science

ART

The Art program is designed to let the student develop a creative attitude toward presenting and interpreting valid art forms. Fundamentals are provided through the investigation of various concepts, projects, materials and techniques in both the traditional and contemporary art. Coursework is directed at providing knowledge, interest and the understanding of art as a primary form of visual communication.

A student's program may be designed to reflect a specific interest or direction in art. Through the credential option or the transfer program, a student in art may also carry some emphasis in other areas of study. Art coursework is intended to be applicable toward the Bachelor of Arts, Bachelor of Science and Bachelor of Fine Arts degrees at other institutions.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3

Writing Level II (WR2).....	3
American & Wyoming Government (POLS 1000).....	3
ARTS	(In program)
DIV	3
HUM	(In program)
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

ART 1005 Drawing I (ARTS).....	3
ART 1110 Design: 2D	3
ART 1120 Design: 3D.....	3
ART 1130 Color Theory	3
ART 2010 Art History I (HUM).....	3
ART 2020 Art History II (HUM).....	3
ART 2141 Professional Practice in the Arts to be taken final spring semester).....	1
ART 2310 Sculpture I (ARTS).....	3

Program Electives

Student must choose **12** credits from the following courses:

ART 1150 Photography I (ARTS)	3
ART 1160 Photography II.....	3
ART 1178 Digital Imaging	3
ART 1350 Metal Fabrication	3
ART 1450 Fibers I (ARTS).....	3
ART 1460 Fibers II	3
ART 1465 Fibers III	3
ART 2076 Illustration II.....	3
ART 2090 Printmaking I	3
ART 2110 Typography	3
ART 2112 Graphic Design I.....	3
ART 2130 Graphic Design II	3
ART 2140 Photography III.....	3
ART 2145 Digital Photography I.....	3
ART 2146 Digital Photography II	3
ART 2150 Color Photography I.....	3
ART 2178 Digital Imaging II.....	3
ART 2210 Painting I (ARTS)	3
ART 2220 Painting II.....	3
ART 2230 Painting III.....	3
ART 2275 Portrait and Figure Studio	3
ART 2320 Sculpture II	3
ART 2330 Sculpture III.....	3
ART 2345 Art Metal Casting	3
ART 2385 Art Glass I.....	3
ART 2386 Art Glass II.....	3
ART 2387 Art Glass III.....	3
ART 2405 Advanced Projects – 2D.....	3
ART 2406 Advanced Projects – 3D.....	3
ART 2410 Ceramics I (ARTS).....	3
ART 2420 Ceramics II	3
ART 2430 Ceramics III	3

General Electives.....2

Total **64**

* If course is taken it will fulfill the HUM General education requirement and an additional 3 credits must be taken to bring the total credits for graduation to 64.

ART CREDENTIALS

Two-Dimensional Art Credential		Credits
ART 1005 Drawing I (ARTS).....		3
ART 1110 Design: 2D		3
ART 1120 Design: 3D		3
ART 1130 Color Theory.....		3
ART 1150 Photography I (ARTS)		3
ART 2141 Professional Practice in the Arts.....		1
	(Enroll final Spring semester)	
ART 2210 Painting I (ARTS)		3
	Additional 2D Requirements*	6
Total		25

* Choose additional 2D requirements from: ART-1150 (Photography I), ART-1160 (Photography II), ART-1178 (Digital Imaging), ART-1450 (Fibers I), ART-1460 (Fibers II), ART-1465 (Fibers III), ART- 2076 (Illustration II), ART-2090 (Printmaking I), ART-2140 (Photography III), ART-2145 (Digital Photography), ART-2146 (Digital Photography II), ART-2178 (Digital Imaging II), ART-2220 (Painting II), ART-2230 (Painting III), ART-2275 (Portrait and Figure Studio), ART-2405 (Advanced Projects – 2D).

Three-Dimensional Art Credential		Credits
ART 1005 Drawing I (ARTS).....		3
ART 1110 Design: 2D		3
ART 1120 Design: 3D		3
ART 1130 Color Theory.....		3
ART 2310 Sculpture I (ARTS).....		3
ART 2410 Ceramics I (ARTS).....		3
ART 2141 Professional Practice in the Arts.....		1
	(Enroll final Spring semester)	
	Additional 3D Art Requirements*	9
Total		28

* Choose additional 3D requirements from: ART-1350 (Metal Fabrication), ART-2320 (Sculpture II), ART-2330 (Sculpture III), ART-2345 (Metal Casting), ART-2385 (Art Glass I), ART-2386 (Art Glass II), ART-2387 (Art Glass III), ART-2406 (Advanced Projects 3D), ART-2410 (Ceramics I), ART-2420 (Ceramics II), ART 2430 (Ceramics III).

ARTIST CREDENTIAL

Artist Credential		Credits
ART 1005 Drawing I (ARTS).....		3
ART 1110 Design: 2D		3
ART 1120 Design: 3D		3
ART 1130 Color Theory.....		3
ART 1150 Photography I (ARTS)		3
ART 2141 Professional Practice in the Arts.....		1
	(Enroll final spring semester)	
ART 2210 Painting I (ARTS)		3
ART 2310 Sculpture I (ARTS).....		3
ART 2410 Ceramics I (ARTS).....		3
	Additional 2D Requirements*	6
	Additional 3D Requirements**	9
Total		40

* Choose additional 2D requirements from: ART-1160 (Photography II), ART-1178 (Digital Imaging), ART-1450 (Fibers I), ART-1460 (Fibers II), ART-1465 (Fibers III), ART- 2076 (Illustration II), ART-2090 (Printmaking I), ART-2140 (Photography III), ART-2145 (Digital Photography), ART-2146 (Digital Photography II), ART-2178 (Digital Imaging II), ART-2210 (Painting I), ART-2220 (Painting II), ART-2230 (Painting III), ART-2275 (Portrait and Figure Studio), ART-2405 (Advanced Projects – 2D).

** Choose additional 3D requirements from: ART-1350 (Metal Fab-

PROGRAMS OF STUDY

rication), ART-2320 (Sculpture II), ART-2330 (Sculpture III), ART-2345 (Metal Casting), ART-2385 (Art Glass I), ART-2386 (Art Glass II), ART-2387 (Art Glass III), ART-2406 (Advanced Projects 3D), ART-2410 (Ceramics I), ART-2420 (Ceramics II), ART 2430 (Ceramics III).

GRAPHIC DESIGN

This degree is designed to train the student who is interested in employment opportunities in the field of Graphic Design with career options that include freelance designer, freelance illustrator, logo/identity work, designer/illustrator, product designer, and advertising/marketing work. This training will include how to set up a working design studio within a set space and budget. Instruction is geared toward building a strong foundation in design concept, composition, graphics software, pre-press, and the business aspects of graphic design. Students are encouraged to develop their own artistic voice through rigorous coursework, critiques, and experienced based art making.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
MATH/APPM/LSCI	3
UNST/PEAC/WELL.....	1
ARTS	(In program)
HUM	(In program)
ORAL	(In program)

Program Requirements

ART 1005	Drawing I (ARTS).....	3
ART 1110	Design: 2D.....	3
ART 1130	Color Theory.....	3
ART 1150	Photography I (ARTS)	3
ART 1178	Digital Imaging	3
ART 2010	Art History I (HUM).....	3
ART 2020	Art History II (HUM).....	3
ART 2076	Illustration II.....	3
ART 2110	Typography	3
ART 2112	Graphic Design I	3
ART 2130	Graphic Design II	3
ART 2141	Professional Practice in the Arts.....	1
ART 2145	Digital Photography	3
ART 2178	Digital Imaging II.....	3
ART 2475	Studio Practice.....	1
BADM 2100	Small Business Practices.....	3
CMA 2510	Survey of Multimedia.....	3
CO/M 1030	Interpersonal Communication (ORAL)	3

General Electives	4
Total	64

PHOTOGRAPHY

This degree is designed to train the student who is interested in employment opportunities in the photography field with career options that include portrait, studio, and photojournalism. This training will include how to set up a working studio within a set space and budget. Instruction will include digital film with 35 mm, medium and large format cameras, flash and natural light and location shooting. Students are encouraged to develop their own artistic voice through rigorous coursework, critiques and experienced based art making.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
LSCI/MATH	3
ARTS/HUM/ORAL/WR2	(In program)
UNST/PEAC/WELL.....	1

Program Requirements

ART 1005	Drawing I (ARTS).....	3
ART 1110	Design: 2D	3
ART 1120	Design: 3D.....	3
ART 1150	Photography I (ARTS)	3
ART 1160	Photography II.....	3
ART 1178	Digital Imaging	3
ART 2020	Art History II (HUM).....	3
ART 2140	Photography III.....	3
ART 2141	Professional Practice.....	1
ART 2145	Digital Photography.....	3
ART 2146	Digital Photography II	3
ART 2150	Color Photography	3
ART 2178	Digital Imaging II.....	3
ART 2405	Advanced Projects 2D.....	3
ART 2475	Studio Practice.....	1
BADM 2100	Small Business Practice	3
CO/M 1030	Interpersonal Communication (ORAL)	3
PHTO 2350	Media Photography I.....	3

General Electives	4
Total	64

ATHLETIC TRAINING

The Athletic Training program/degree prepares the student for appropriate procedures in the prevention, care and rehabilitation of athletic injuries. This program is designed to transfer students to a four-year institution where they can continue their education to fulfill professional requirements such as those governed by the National Athletic Trainers Association (NATA).

Associate of Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	(In program)
ORAL	(In program)
PEAC	(In program)
SOC	(In program)
UNST	1
WELL	(In program)

Program Requirements

BIOL 1010	General Biology I (LSCI) OR	
BIOL 1020	Life Science (LSCI)	4
COM 1030	Interpersonal Communication (ORAL)	3
HLED 1006	Personal Health (WELL/PEAC)	3
FCSC 1140	Nutrition.....	2
KIN 1005	Introduction to Kinesiology.....	2
KIN 1020	Taping & Wrapping	1
KIN 1030	Advanced Taping & Wrapping.....	2
KIN 1052	Introduction to Athletic Training	3
KIN 1055	Athletic Clinical Experience	2
KIN 1058	Emergency Management of Athletic Injuries	3

KIN 2057	Assessment & Evaluation of Athletic Injuries I.....	3
KIN 2058	Assessment & Evaluation of Athletic Injuries II.....	3
KIN 2068	Athletic Training Clinical I.....	1
KIN 2078	Athletic Training Clinical II	1
MATH 1400	College Algebra (MATH).....	4
PSYC 1000	General Psychology (SOC).....	4
ZOO 2015	Human Anatomy	4
ZOO 2025	Human Physiology.....	4
Total		68

AUTOMOTIVE TECHNOLOGY

The Associate of Applied Science degree in Automotive Technology is designed for students who have minimal experience and knowledge of automotive technology.

The general education requirements are designed to encourage students to develop critical and creative thinking, computation, communication skills, and technological literacy. The program requirements provide students with the prerequisite coursework that is required for students to successfully complete one or more of the following options in the Automotive Technology Associate of Applied Science degree: 1) Automotive Technology, 2) Power Sports, and 3) Parts Specialist.

Students must complete the general education, program requirements, and choose at least one of the Automotive Technology program options to complete the two-year degree. A student who chooses to complete two or more of the Automotive Technology program options will earn an Automotive Technology AAS degree in each program option, and each completed program option will be listed separately on the student's transcript.

Automotive Technology Option: Automotive Technology is a field of study in which students are taught diagnostic techniques, service, and repair of automobiles and pickup trucks. Classroom work involves knowledge of general principles, as well as specific product information. Laboratory work emphasizes a hands-on orientation with extensive training on vehicles. Courses are designed to address the ever changing technical developments in the automotive industry which includes computerized electronic control systems, development of the student's diagnostic capabilities, and proficiency with recommended service procedures.

Parts Specialist Option: The Parts Specialist option provides the students with a unique opportunity to acquire a working knowledge of the replacement parts industry. The curriculum is designed to incorporate basic business procedures related to the replacement parts industry.

Power Sports Option: The Power Sports option provides the students with entry level knowledge of the motorcycle, ATV, and snowmobile repair business. Proper repair procedures, theory of operation, customer service, and suggested business practices are emphasized in the curriculum.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3

Student must complete 9 credits of general education courses distributed over 3 of the following different general education areas, one of which is either WR2 or ORAL

ARTS/DIV/HUM/IT/ORAL/SOC/WR2	9
------------------------------------	---

MATH/APPM/LSCI	(In program)
PEAC/UNST/WELL.....	1

Program Requirements

AUTO 1600	Fuel Systems I	3
AUTO 1765	Automotive Electrical Systems	4
AUTO 1770	Automotive Electronics	4
AUTO 2810	Diagnosis & Tune-up Procedures	4
MATH 1500	Applied Math (APPM)	3
PFDV 1500	Managing Career Development.....	3
PRSP 1500	Basic Auto Terms and Concepts	3

Program Options (Choose a minimum of one option below.)

Automotive Technology General Option

AUTO 1510	Engine Systems Fundamentals	3
AUTO 1690	Power Train Fundamentals	4
AUTO 1730	Automatic Transmissions	4
AUTO 1740	Brake Systems	4
AUTO 1755	Automotive Suspension and Alignment	4
AUTO 1760	Heating & Air Conditioning	3
AUTO 2630	Emission Systems	3
Total		65

Parts Specialist Option

ACCT 1050	Practical Accounting I.....	3
AUTO 1510	Engine Systems Fundamentals.....	3
MGT 1200	Human Resource Management.....	3
MGT 2000	Introduction to Business	3
MGT 2130	Human Relations (ORAL) OR	
CO/M 2130	Human Relations (ORAL).....	3
PRSP 1510	Engine Controls & Sensors	3
PRSP 1520	Heavy Duty Parts.....	3
PRSP 2500	Parts Specialist I	3
PRSP 2510	Parts Specialist II	4
Total		65

Power Sports Option

PWRS 1500	Power Sports Maintenance and Tune-up	3
PWRS 1510	2-Cycle Fundamentals	3
PWRS 1520	4-Cycle Engine Fundamentals.....	3

Option Electives:

Student must complete approved courses from the following departments: AUTO or PRSP

General Electives	6
Total	64

Certificate

The certificate program in Automotive Technology is designed for students who have had no previous coursework or work experience in the automotive field.

The general education requirements are designed to encourage students to develop computation and communication skills. The program requirements provide students with the prerequisite coursework that is required to successfully complete one or more of the following options in the Automotive Technology certificate degree: 1) Automotive Technology, 2) Power Sports, and 3) Parts Specialist.

Students must complete the general education, program requirements, and choose at least one of the Automotive Technology certificate options to complete the certificate. A student who chooses to complete two or more of the Automotive Technology certificate options will earn an Automotive Technology certificate in each program option, and each completed program option will be listed separately on the student's transcript.

PROGRAMS OF STUDY

Automotive Technology Option: Automotive Technology is a field of study in which students are taught diagnostic techniques, service, and repair of automobiles and pick-ups. Classroom work involves knowledge of general principles, as well as specific product information. Laboratory work emphasizes a hands-on orientation with extensive training on vehicles. Courses are designed to address the ever changing technical developments in the automotive industry which includes computerized electronic control systems, development of the student's diagnostic capabilities, and proficiency with recommended service procedures.

Parts Specialist Option: The Parts Specialist option provides the students with a unique opportunity to acquire a working knowledge of the replacement parts industry. The curriculum is designed to incorporate basic business procedures related to the replacement parts industry.

Power Sports Option: The Power Sports option provides the students with entry level knowledge of the motorcycle, ATV, and snowmobile repair business. Proper repair procedures, theory of operation, customer service, and suggested business practices are emphasized in the curriculum.

Certificate

General Education Requirements

Credits

Writing Level I (WR1)	3
MATH/APPM	(In program)
UNST	1

Program Requirements

AUTO 1600	Fuel Systems I	3
AUTO 1765	Automotive Electrical Systems	4
AUTO 1770	Automotive Electronics	4
MATH 1500	Applied Math (APPM)	3
PFDV 1500	Managing Career Development.....	3
PRSP 1500	Basic Auto Terms and Concepts	3

Program Option Requirements

(Choose a minimum of one option below.)

Automotive Technology General Option

AUTO 1510	Engine Systems Fundamentals	3
AUTO 1740	Brake Systems	4
AUTO 1755	Automotive Suspension/Alignment	4
AUTO 1760	Heating & Air Conditioning	3
Total		38

Parts Specialist Option

ACCT 1050	Practical Accounting I.....	3
AUTO 1510	Engine Systems Fundamentals	3
MGT 2000	Introduction to Business	3
PRSP 1510	Engine Controls & Sensors	3
PRSP 1520	Heavy Duty Parts.....	3
Total		39

Power Sports Option

PWRS 1500	Power Sports Maintenance and Tune-up	3
PWRS 1510	2-Cycle Fundamentals	3
PWRS 1520	4-Cycle Engine Fundamentals	3
Total		33

CREDENTIAL IN AUTO TECHNOLOGY

To receive a Credential, the student should take the required program requirement courses and 18 credits of additional AUTO courses.

Program Requirements

Credits

AUTO 1765	Automotive Electrical Systems	4
AUTO 1770	Automotive Electronics	4
PRSP 1500	Basic Auto Terms and Concepts	3
	AUTO Courses*	18

Total **29**

* AUTO 2800-Problems in Automotive Technology does not apply toward the Credential.

CREDENTIAL IN PARTS SPECIALIST

To receive a Credential, the student should take the required program requirement courses.

Program Requirements

Credits

AUTO 1510	Engine Systems Fundamentals	3
PRSP 1500	Basic Auto Terms and Concepts	3
PRSP 1510	Engine Controls & Sensors	3
PRSP 1520	Heavy Duty Parts	3
PRSP 2500	Parts Specialist I	3
PRSP 2510	Parts Specialist II	4

Total **19**

CREDENTIAL IN POWER SPORTS

The Power Sports credential provides the students with entry level knowledge of the motorcycle, ATV, and snowmobile repair business. Proper repair procedures, theory of operation, customer service, and suggested business practices are emphasized in this curriculum. To receive a Credential, the student should take the required program requirement courses.

Program Requirements

Credits

AUTO 1600	Fuel Systems I	3
AUTO 1765	Automotive Electrical Systems	4
AUTO 1770	Automotive Electronics	4
PRSP 1500	Basic Auto Terms and Concepts	3
PWRS 1500	Power Sports Maintenance and Tune-up	3
PWRS 1510	2-Cycle Fundamentals (SP)	3
PWRS 1520	4-Cycle Engine Fundamentals	3

Total **23**

AUTO PARTS SPECIALIST

The Parts Specialist group of programs provides the student with a unique opportunity to acquire a working knowledge of the replacement parts industry. The curriculum is designed to incorporate various business procedures and sales techniques related to the replacement parts industry. In addition, the program has sufficient flexibility in that students are able to choose between an Associate of Applied Science program in either management or outside sales or a certificate program in over-the-counter sales. For the AAS programs, students may select from two choices: Auto Parts Management or Outside Sales Parts. The certificate program is designed for students interested in Counter Parts Sales.

AUTO PARTS MANAGEMENT

This program develops skills important for success in supervising employees and in operating a small business. Students are prepared in counter sales, auto parts nomenclature, heavy duty parts, engine controls and sensors, inventory control and small business practices. Students selecting this option must take the following courses in addition to the general education courses listed.

Associate of Applied Science Degree

General Education Requirements		Credits
Writing Level I (WR1)	.....	3
American & Wyoming Government (POLS 1000)	.....	3
ARTS/DIV/HUM/IT/ORAL	.....	3
MATH/APPM/LSCI	.....	3
PEAC/UNST/WELL	.....	1
SOC	..... (In program)	
WR2	..... (In program)	

Program Requirements

ACCT 1010	Principles of Accounting I OR	
ACCT 1050	Practical Accounting I	3-4
BADM 1020	Business Communications (WR2)	3
BADM 2100	Small Business Practices	3
CPED 1000	Cooperative Work Experience I:	3
ECON 1020	Microeconomics (SOC)	3
MGT 1040	Business Law I	3
MGT 1200	Human Resources Management	3
MGT 2000	Introduction to Business	3
MGT 2100	Introduction to Management	3
MKT 2100	Marketing	3
PRSP 1500	Basic Auto Terms & Concepts	3
PRSP 1510	Engine Controls & Sensors	3
PRSP 1520	Heavy Duty Parts	3
PRSP 2500	Parts Specialist I	3
PRSP 2510	Parts Specialist II	4

General Electives	.....	5
Total		64

OUTSIDE SALES PARTS

This program develops skills important for the success of outside sales. The program emphasis is on selling techniques including both counter and outside sales techniques.

Associate of Applied Science Degree

General Education Requirements		Credits
Writing Level I (WR1)	.....	3
Writing Level II (WR2)	..... (In program)	
American & Wyoming Government (POLS 1000)	.....	3
ARTS/DIV/HUM/IT/ORAL	.....	3
MATH/APPM/LSCI	..... (In program)	
PEAC/UNST/WELL	.....	1
SOC	..... (In program)	

Program Requirements

ACCT 1010	Principles of Accounting I OR	
ACCT 1050	Practical Accounting I	3-4
BADM 1005	Business Math I (APPM)	3
BADM 1020	Business Communications (WR2)	3
BADM 2100	Small Business Practices	3
CPED 1000	Cooperative Work Experience I:	3
ECON 1020	Microeconomics (SOC)	3
MGT 1040	Business Law I	3
MGT 2000	Introduction to Business	3
MKT 2100	Marketing	3
PRSP 1500	Basic Auto Terms and Concepts	3
PRSP 1510	Engine Controls & Sensors	3
PRSP 1520	Heavy Duty Parts	3
PRSP 2500	Parts Specialist I	3
PRSP 2510	Parts Specialist II	4

General Electives	.....	10-11
Total		64

COUNTER PARTS SALES

This program develops skills important for the success of over-the-counter sales. The program emphasis is on sales techniques and knowledge of the parts industry.

Certificate

General Education Requirements		Credits
Writing Level I (WR1)	.....	3
MATH/APPM	..... (In program)	
PEAC/UNST/WELL	.....	1

Program Requirements

BADM 1005	Business Math I (APPM)	3
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL)	3
MGT 2000	Introduction to Business	3
PFDV 1500	Managing Career Development	3
PRSP 1500	Basic Auto Terms and Concepts	3
PRSP 1510	Engine Controls & Sensors	3
PRSP 1520	Heavy Duty Parts	3
PRSP 2500	Parts Specialist I	3
PRSP 2510	Parts Specialist II	4

Total		32
--------------	--	-----------

BIOLOGICAL SCIENCE

The program in Biological Science allows the student the flexibility to either concentrate on an area of specialization or to gain a broad exposure to topics in life science. This degree is designed for transfer to the University of Wyoming, although a student may tailor a program for transfer to another four-year institution.

Associate of Science Degree

General Education Requirements		Credits
Writing Level I (WR1)	.....	3
Writing Level II (WR2)	.....	3
American & Wyoming Government (POLS 1000)	.....	3
ARTS	.....	3
DIV	.....	3
HUM	.....	3
LSCI	..... (In program)	
MATH	..... (In program)	
ORAL	.....	3
PEAC	.....	1
SOC	.....	3
UNST	.....	1
WELL	.....	1

Program Requirements

BIOL 1010	General Biology I (LSCI)	4
BIOL 2020	General Biology II	4
CHEM 1020	General Chemistry I (LSCI)	4
CHEM 1030	General Chemistry II	4
MATH 1400	College Algebra* (MATH)	4
MATH 1405	Trigonometry	3

Program Electives

Student must choose **14** credits from the following courses:

ASTR 1050	Survey of Astronomy (LSCI)	4
BIOL 2002	Global Ecology	3
BIOL 2415	Ecology and Field Biology	4
CHEM 1021	Chemical Problem Solving I	1
CHEM 1031	Chemical Problem Solving II	1
CHEM 2320	Organic Chemistry I	4
CHEM 2340	Organic Chemistry II	4
GEOL 1100	Physical Geology (LSCI)	4
GEOL 1200	Historical Geology (LSCI)	4
GEOL 1470	Environmental Geology (LSCI)	4
GEOL 2000	Earth System Science	4

PROGRAMS OF STUDY

MATH 2200	Calculus I (MATH).....	5
MATH 2205	Calculus II.....	5
MOLB 2210	General Microbiology.....	4
PHYS 1110	General Physics I (LSCI) OR	
PHYS 1310	College Physics I (LSCI).....	4
PHYS 1120	General Physics II OR	
PHYS 1320	College Physics II.....	4
STAT 2050	Fundamentals of Statistics.....	4
ZOO 2015	Human Anatomy.....	4
ZOO 2025	Human Physiology.....	4
Total		64

* Students testing into MATH 2200 are NOT required to take MATH 1400 but they must take an additional 4 credits to meet the 64 credit requirement.

BROADCASTING

See: Radio, TV, Film, or Communication

BUSINESS ADMINISTRATION

Businesses need individuals who understand the fundamentals of business practice and who can compete effectively in an increasingly sophisticated, complex world. The goal of the Associate of Science in Business Administration degree program is to provide the first step in preparing students for a Bachelor's degree in general business administration. This transfer program will also enhance skills and competencies in current jobs, and assist in career advancement opportunities. In addition to the general education requirements which offer students a broad base of knowledge in English, communication, political science, and other areas, students will have an opportunity to explore disciplines such as accounting, economics, management, marketing, statistics, and math.

Associate of Science Degree

General Education Requirements	Credits
Writing Level I (WR1).....	3
Writing Level II (WR2).....	(In program)
American & Wyoming Government (POLS 1000).....	3
ARTS.....	3
DIV.....	3
HUM.....	3
LSCI.....	4
MATH.....	(In program)
ORAL.....	(In program)
PEAC.....	1
SOC.....	(In program)
UNST.....	1
WELL.....	1

Program Requirements

ACCT 1010	Principles of Accounting I.....	4
ACCT 1020	Principles of Accounting II.....	3
BADM 1020	Business Communications (WR2).....	3
CO/M 1010	Public Speaking (ORAL).....	3
ECON 1010	Macroeconomics (SOC).....	3
ECON 1020	Microeconomics (SOC).....	3
IMGT 2400	Introduction to Information Management.....	3
MATH 1400	College Algebra* (MATH).....	4
MATH 2350	Business Calculus.....	4
MATH 2355	Math Applications for Business.....	4
MGT 2100	Introduction to Management.....	3
MKT 2100	Marketing.....	3
STAT 2050	Fundamentals of Statistics.....	4
Total		64-66

* Students placing into MATH 2350 Business Calculus are NOT required to take MATH 1400, but they must take an additional 2

credits to meet the 64 credit degree requirement.

** Business College at University of Wyoming prefers a student take the following courses before transferring:
MGT 1040 Business Law I (3 credits), MGT 2000 Introduction to Business (3 credits), MGT 2110 Business Ethics (3 credits), and CMAP/MOUS 1775 Spreadsheets (3 credits)

BUSINESS MANAGEMENT

In demand today are supervisors, managers, and employees who are competent in their field of expertise and who contribute to, as well as lead, the activity of the team. Employers look for leaders with the skills to resolve conflicts and manage diversity, encourage open communication, increase productivity, and improve morale. The mission of the Business Management program is to provide students with practical skills needed to be successful in current or future business activities. This applied program includes a set of core courses that address the critical aspects of effective supervision and management. The comprehensive curriculum includes study in general business, accounting, business law, management, economics, and marketing. In addition, general education courses offer students a broad base of knowledge in English, communication, computers, and math.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1).....	3
American & Wyoming Government (POLS 1000).....	3
MATH/APPM/LSCI.....	(In program)
ARTS/DIV/HUM/IT/ORAL/SOC/WR2.....	(In program)
PEAC/UNST/WELL.....	1

Program Requirements

ACCT 1010	Principles of Accounting I OR	
ACCT 1050	Practical Accounting I.....	3-4
ACCT 2240	Cost/Managerial Accounting.....	3
BADM 1005	Business Math (APPM).....	3
BADM 1020	Business Communications (WR2).....	3
BADM 2100	Small Business Practices.....	3
ECON 1010	Macroeconomics (SOC).....	3
ECON 1020	Microeconomics (SOC).....	3
FIN 1000	Personal Finance.....	3
IMGT 2400	Introduction to Information Management.....	3
MGT 1040	Business Law I.....	3
MGT 1200	Human Resource Management.....	3
MGT 2000	Introduction to Business.....	3
MGT 2100	Introduction to Management.....	3
MGT 2110	Business Ethics.....	3
MGT 2130	Human Relations (ORAL) OR	
CO/M 2130	Human Relations (ORAL).....	3
MKT 2100	Marketing.....	3
MOUS 1775	Spreadsheet Applications*: OR	
CMAP 1775	Spreadsheet Applications*.....	3
PFDV 1500	Managing Career Development.....	3

Program Electives (Choose 2 of the following courses)

ACCT 1065	Computerized Accounting: (IT).....	2
ACCT 1750	Income Tax.....	3
BADM 2020	Business Law II: Commercial Law.....	3
CMAP 1680	Microcomputer Applications: (IT).....	3
CMAP 2510	Survey of Multimedia.....	3
CPED 1000	Cooperative Work Experience I:.....	3

Total **64 - 65**

* Students who have limited or no computer experience must take CMAP 1680 or COSC 1200.

CHEMISTRY

See: Physical Science

COMPUTER SCIENCE

The Associate of Science degree program in Computer Science is for the student who wishes to pursue an interest in computer software design. Students in computer science study methods of formulating and solving problems with the aid of high-speed computers. In addition to numerical calculations, the field includes such topics as network analysis, graphics, modeling and simulation, parallel computation and artificial intelligence. CWC provides the successful student a background of coursework aimed at facilitating transfer to a four-year institution for completion of a baccalaureate degree program.

Associate of Science Degree

General Education Requirements		Credits
Writing Level I (WR1)		3
Writing Level II (WR2)		3
American & Wyoming Government (POLS 1000).....		3
ARTS		3
DIV		3
HUM		3
LSCI	(In program)	
MATH	(In program)	
ORAL		3
PEAC		1
SOC		3
UNST		1
WELL		1

Program Requirements

IMGT 2400	Introduction to Information Management.....	3
MATH 2200	Calculus I* (MATH).....	4
MATH 2205	Calculus II	5
PHYS 1310	College Physics I (LSCI)	4
PHYS 1320	College Physics II	4
STAT 2050	Fundamentals of Statistics	4

Students must select **11** credits from the following departments:

CMAP, COSC, CSCO, MSFT.....	11
-----------------------------	----

General Electives	2
--------------------------------	---

Total	64
--------------------	-----------

* Students who test into MATH 2200 will not have to take MATH 1400 but will need to take MATH 2200 as a prerequisite for MATH 2205.

COMPUTER TECHNOLOGY

The Associate of Applied Science degree in Computer Technology is designed for students who have minimal experience and knowledge of PC computer technology.

The general education requirements are designed to encourage students to develop critical and creative thinking, computation, and communication skills. The program requirements introduce students to the basic Cisco networking principles, CompTIA A+ hardware standards, a Microsoft Windows operating system and Microsoft Office suite software applications.

The program electives provide students with a blended knowledge of computer networking hardware/software, software design and a broad understanding of the Linux operating system.

Associate of Applied Science Degree

General Education Requirements		Credits
Writing Level I (WR1)		3
American & Wyoming Government (POLS 1000).....		3
WR2/ARTS/DIV/HUM/IT/SOC		6
(Must come from two categories)		
ORAL	(In program)	

MATH/APPM/LSCI	3
PEAC/UNST/WELL.....	1

Program Requirements

CMAP 1615	Operating Systems:*	3
CMAP 1650	Introduction to Networking	3
CMAP 1725	Word Processing Apps*:	3
CMAP 1775	Spreadsheet Applications:	3
CMAP 1815	Database Applications:.....	3
CMAP 1920	Hardware Maintenance.....	4
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL).....	3
CPED 1000	Cooperative Work Experience I:	3
CSEC 1500	Computer Network Security +	3
ENTR 1505	Entrepreneurship I: Entrepreneurial Mindset.....	3
PFDV 1500	Managing Career Development.....	3

* Students who have limited or no computer experience must take CMAP 1680 before enrolling in CMAP 1615 or CMAP 1725.

Program Electives

Select thirteen (14) credits for the completion of Program Electives from the following course prefixes:

CMAP/COSC/ENTR/IMGT/MSFT or ART 1178 Digital Imaging I	14
--	----

Total	64
--------------------	-----------

Certificate

The certificate program in Computer Technology is designed for students who have had previous coursework or work experience with PC computer technology. The general education requirements are designed to encourage students to develop computation and communication skills.

The program requirements introduce students to the basic CompTIA A+ hardware standards, multimedia applications and Windows operating system.

The program electives provide students with a blended knowledge of computer networking hardware/software, software design, Microsoft Office Suite software applications and a broad understanding of the Linux operating system.

General Education Requirements

General Education Requirements		Credits
Writing Level I (WR1)		3
MATH/APPM		3
UNST		1

Program Requirements

CMAP 1615	Operating Systems:*	3
CMAP 1650	Introduction to Networking	3
CMAP 1920	Hardware Maintenance.....	4
CSEC 1500	Computer Network Security +	3
ENTR 1505	Entrepreneurship I: Entrepreneurial Mindset.....	3

* Students who have limited or no computer experience must take CMAP 1680 before enrolling in CMAP 1615.

Program Electives

Select thirteen (7) credits for the completion of Program Electives from the following course prefixes:

CMAP/COSC/ENTR/IMGT/MSFT	7
--------------------------------	---

Total	30
--------------------	-----------

Credential

The Credential for Computer Technology is designed for students who have coursework in the computer field and/or work experience in the computer networking industry.

Students may select courses in computer networking hardware/software, software design, Microsoft Office Suite software applications and operating systems.

Students who choose this credential and are deficient in computer

PROGRAMS OF STUDY

skills, theory, hardware, software/operating systems coursework may be required to take prerequisite coursework before enrolling in the Cisco or Microsoft certification courses.

Completion of the credential involves more than one semester.
 COSC/CMAP/CSEC/ENTR/MSFT/IMGT 15
Total **15**

CONSTRUCTION TECHNOLOGY

Central Wyoming College has three options available for the student interested in pursuing a career in carpentry: an Associate of Applied Science degree in Construction Technology, a Certificate in Construction Technology, and a Credential in Construction Technology.

Associate of Applied Science Degree

The Construction Technology AAS program provides the student with a broad base of general education that develops the student's communication, writing, and computation skills. In addition, the student will take basic business and computer courses that will provide basic knowledge of business operations.

The construction technology courses provide the student with a unique opportunity to develop skills required for employment as a carpenter. The curriculum is designed to include residential and commercial construction, with all phases explored and applied on a job site or in a lab setting.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
ARTS/DIV/HUM/IT/SOC/WR2	6
(Must come from two categories)	
MATH/APPM/LSCI	3
ORAL	(In program)
PEAC/UNST/WELL	1

Program Requirements

ACCT 1050	Practical Accounting I	3
BADM 2000	Introduction to Business	3
CNTK 1510	Safety and Tools in Construction	3
CNTK 1515	Communication and Employability Skills	1.5
CNTK 1520	Residential Blueprint Reading	3
CNTK 1530	Site Preparation and Layout	3
CNTK 1650	Framing: Floors and Stairs	2
CNTK 1652	Framing: Walls, Windows, and Exterior Doors	2
CNTK 1654	Framing: Roof	2
CNTK 1658	Exterior: Siding, Trim and Finishes	2
CNTK 1880	Interior: Drywall Applications	2
CNTK 1882	Interior: Taping, Mudding, and Texturing	2
CNTK 1884	Interior/Exterior Painting and Avoiding and Correcting Painting Problems	2
CNTK 1920	Interior Trim: Closets	2
CNTK 1924	Interior Trim: Cabinets	2
CNTK 1926	Interior Trim: Molding.....	2
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL).....	3
PFDV 1500	Managing Career Development.....	3
WELD 1700	General Welding	4

General Electives3
Total **65.5**

Certificate

The Construction Technology Certificate program provides the student the opportunity to develop their writing and computation skills. The construction technology courses provide the student with

a unique opportunity to develop skills required for employment as a carpenter. The curriculum is designed to include residential and commercial construction, with all phases explored and applied on a job site or in a lab setting.

General Education Requirements	Credits
WR1/ORAL	3
MATH/APPM	3
UNST	1

Program Requirements

CNTK 1510	Safety and Tools in Construction	3
CNTK 1515	Communication and Employability Skills	1.5
CNTK 1520	Residential Blueprint Reading	3
CNTK 1530	Site Preparation and Layout	3
CNTK 1650	Framing: Floors and Stairs	2
CNTK 1652	Framing: Walls, Windows, and Exterior Doors	2
CNTK XXXX	Additional CNTK courses.....	10

Total **31.5**

Credential

The Construction Technology Credential provides the student with a unique opportunity to develop entry level skills required for employment as a carpenter. The curriculum is designed to include residential construction, with all phases explored and applied on a job site or in a lab setting.

Program Requirements

CNTK 1510	Safety and Tools in Construction	3
-----------	--	---

Program Electives

CNTK XXXX	Additional CNTK courses.....	12
-----------	------------------------------	----

Total **15**

COOPERATIVE EDUCATION PROGRAM

CWC offers Cooperative Education to all students enrolled in specific programs. Cooperative Education is a program that allows students to gain practical work experience and apply classroom skills while employed in jobs related to their college area of emphasis. Students can earn wages and academic credit, but the emphasis of Cooperative Education is on the knowledge and experience gained while working in a career field. Learning is field-based and takes place in a work site related to the areas of study.

Since Cooperative Education expects certain objectives to be accomplished, the teaching faculty, the Cooperative Education Coordinator, and the employing supervisors all share in working with the students in developing their training plans.

To be eligible for the Cooperative Work Experience I class, students must 1) have a declared area of emphasis, 2) have permission of the academic advisor, faculty coordinator and the Cooperative Education Coordinator, and 3) regardless of area of emphasis, attend classes, workshops, or seminars as part of the academic requirement of Cooperative Work Experience classes and the Cooperative Education Program. These classes may include activities in the occupational experience, and/or projects outside of the work environment.

CRIMINAL JUSTICE

The magnitude and changing complexity of criminal activities dictate the need for criminal justice personnel who have had a broad-based educational experience. The program as presented includes General Education courses from the college curriculum, specialized Criminal Justice core courses, essential interdisciplinary offerings, and suggested Criminal Justice requirements.

The Associate of Applied Science Program is designed to meet the needs of pre-service and in-service criminal justice personnel as a terminal degree. Alternately, the Associate of Arts Program fulfills

the initial two-year curriculum for many four-year Criminal Justice programs.

Individuals desiring a career in corrections work may benefit from this curriculum by selecting certain recommended courses in corrections. Those students who plan a career in corrections counseling or administration should also plan to take graduate study.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	(In program)
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	4
MATH	3
ORAL	3
PEAC	(In program)
SOC	(In program)
UNST	1
WELL	1

Program Requirements

CRMJ 1020	Introduction to Law Enforcement	3
CRMJ 2100	Politics & the Judicial Process	3
CRMJ 2120	Introduction to Criminal Justice.....	3
CRMJ 2360	Introduction to Corrections	3
CRMJ 2400	Criminology	3
ENGL 1020	English Composition II (WR2)	3
PEAC 1041	PE: Self Defense/Martial Arts (PEAC).....	1
SOC 1000	Sociological Principles (SOC)	3

Program Electives

CRMJ XXXX	Additional CRMJ courses	9
-----------	-------------------------------	---

General Electives	6
--------------------------------	----------

Total	64
--------------------	-----------

Associate of Applied Science

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
MATH	(In program)
ORAL	(In program)
PEAC	(In program)
SOC	(In program)
WR2	(In program)

Program Requirements

CO/M 1030	Interpersonal Communication (ORAL)	3
ENGL 1020	English Composition II (WR2)	3
MATH 1000	Problem Solving (MATH).....	3
SOC 1000	Sociological Principles (SOC).....	3
PEAC 1041	Self Defense/Martial Arts (PEAC).....	1

Program Electives

CRMJ XXXX	33
-----------	-------	----

General Electives	12
--------------------------------	-----------

Total	64
--------------------	-----------

CULINARY ARTS

The Associate of Applied Science degree in Culinary Arts is designed to prepare students for entry to mid-level food services management positions in the restaurant, hotel and hospitality industry. The general education requirements are designed to encourage students to develop critical and creative thinking, computation, communication skills and basic technical skills utilized in the culinary industry.

The two-year program is designed to prepare students to develop basic and advanced culinary arts skills attainable from the techniques of classical cuisine and to develop practical skills in hospitality management, marketing, and food and beverage management that are essential for a successful career in the culinary arts industry.

To be a successful employee in the culinary arts/hospitality industry, an individual must have a passion for cooking, be dependable, possess an aptitude for servicing guests, and enjoy working in a team environment. An individual choosing a career in the culinary/hospitality industry must display a positive attitude toward the profession and customers, possess excellent physical and mental stamina, and be dedicated to quality.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
ARTS/DIV/HUM/IT/SOC	3
MATH/APPM/LSCI	(In program)
ORAL	(In program)
PEAC/UNST/WELL.....	1
WR2	(In program)

Program Requirements

BADM 1005	Business Math (APPM)	3
BADM 1020	Business Communications (WR2)	3
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL)	3
CPED 1000	Cooperative Work Experience I:CULA.....	3
CPED 2000	Cooperative Work Experience II:CULA.....	3
CULA 1555	Food Prep I: Stocks, Sauces, and Soups	3
CULA 1600	Food Prep II: Garde Manger.....	3
CULA 2700	Food Prep III: Baking	4
CULA 2800	Food Prep IV: Meat Preparation and Cooking	4
CULA 2900	Food Prep V: Fish & Shellfish Preparation and Cooking	3
	Nutrition.....	2
HRM 1500	Introduction to the Hospitality Industry	3
HRM 1505	Sanitation, Health, and Safety in the Hospitality Industry	3
HRM 1510	Dining Room Management, Food Delivery Systems	3
HRM 1515	Planning and Control for Food and Beverage Operations	3
HRM 2500	Quantity Food Purchasing.....	3
HRM 2506	Sales & Marketing in the Hospitality Industry.....	3
HRM 2515	Human Resource Management in the Hospitality Industry.....	3
HRM 2525	Wine Production, Service, and Appreciation.....	3

Total	68
--------------------	-----------

Certificate

The Culinary Arts Certificate program is designed to prepare students in the basic classical areas of culinary art preparation and food and beverage management. The general education requirements are designed to encourage students to develop computation and communication skills. To be a successful employee in the culinary arts/hospitality industry, an individual must have a passion for cooking, be dependable, possess an aptitude for servicing guests, and enjoy working in a team environment.

General Education Requirements	Credits
Writing Level I (WR1)	3
MATH/APPM/LSCI	(In program)

PROGRAMS OF STUDY

Program Requirements

BADM 1005	Business Math (APPM)	3
CPED 1000	Cooperative Work Experience I:	3
CULA 1555	Food Prep I: Stocks, Sauces, Soups.....	3
CULA 1600	Food Prep II: Garde Manger.....	3
CULA 2700	Food Prep III: Baking	4
CULA 2800	Food Prep IV: Meat Preparation and Cooking.....	4
CULA 2900	Food Prep V: Fish & Shellfish Preparation and Cooking.	3
HRM 1505	Sanitation, Health, and Safety in the Hospitality Industry	3
HRM 1515	Planning and Control for Food and Beverage Operations	3
HRM 2500	Quantity Food Purchasing.....	3
Total		35

Credential

The Culinary Arts Credential program is designed to prepare students in the basic classical areas of culinary art preparation and food and beverage management. To be a successful employee in the culinary arts/hospitality industry, an individual must have a passion for cooking, be dependable, possess an aptitude for servicing guests, and enjoy working in a team environment.

Program Requirements		Credits
CULA 1555	Food Prep I: Stocks, Sauces, Soups.....	3
CULA 1600	Food Prep II: Garde Manger.....	3
CULA 2700	Food Prep III: Baking	4
CULA 2800	Food Prep IV: Meat Preparation and Cooking.....	4
HRM 1505	Sanitation, Health, and Safety in the Hospitality Industry	3
Total		17

CUSTOMER SERVICE CREDENTIALS

The Customer Service Credentials are designed to prepare students for the service industry.

Customer Service: Specialist Credential

The Customer Service Specialist Credential focuses the student toward understanding the vital role of customers and customer service in business today; for the student to understand what the customers need and expect; and to provide services and products that customers will value. The student will learn to successfully manage customer interactions and entering correct information about customers.

Program Requirements		Credits
CUST 1550	Customer Service Specialist	10
OR		
QSCS 1550	Certified Customer Service Specialist	10
OR		
All of the following courses:		
CUST 1551	Service Industry Business Environment OR	
QSCS 1551	Service Industry Business Environment	2
CUST 1552	Customer Service Contact Skills OR	
QSCS 1552	Customer Service Contact Skills	4
CUST 1553	Customer Service Computer Skills OR	
QSCS 1553	Customer Service Computer Skills	2
CUST 1554	Customer Service Business Skills OR	
QSCS 1554	Customer Service Business Skills.....	2
Total		10

Customer Service: Business Environment Credential

This credential introduces students to the service industry. Students learn to become life-long learners and to understand the work

ethics required for exceptional Customer Service and the value each employee adds to the principles of quality service and business.

Program Requirements		Credits
CUST 1551	Service Industry Business Environment OR	
QSCS 1551	Service Industry Business Environment.....	2
Total		2

Customer Service: Business Skills Credential

This credential is designed to develop and enhance the student's skills in writing business correspondence, performing basic business calculations, managing change, and learning how to respond positively to a changing work force. A six-step solving model is used to assist the student in focusing on developing and using these skills in the service industry.

Program Requirements		Credits
CUST 1554	Customer Service Business Skills OR	
QSCS 1554	Customer Service Business Skills.....	2
Total		2

Customer Service: Computer Skills Credential

This credential is designed to develop the student's basic computer skills required in the service industry.

Program Requirements		Credits
CUST 1553	Customer Service Computer Skills OR	
QSCS 1553	Customer Service Computer Skills.....	2
Total		2

Customer Service: Contact Skills Credential

This credential introduces the student to the service environment. The main emphasis for students is developing communication skills and managing relationships in both telephone and face-to-face situations with customers. Students will learn information sharing skills, telephone communication skills, and managing difficult customers. Through simulated sessions, students learn to value and relate to customers who are multicultural.

Program Requirements		Credits
CUST 1552	Customer Service Contact Skills OR	
QSCS 1552	Customer Service Contact Skills.....	4
Total		4

DENTAL ASSISTANT

Certificate

This certificate program is designed to prepare a student for an entry-level professional position as a skilled dental assistant. The general education requirements are designed to encourage students to develop computation and communication skills. Additional courses are designed to enhance the employment ability of the student by developing basic bookkeeping skills, interpersonal communications skills, and basic computer skills required in a dental assistant/receptionist environment. To be a successful employee in the dental assistant profession, a person must have a customer friendly and service orientation, the ability to respect confidentiality, possess eye/hand coordination and dexterity skills, and enjoy working in a team environment. An individual choosing this profession must display a positive attitude and be dependable. This certificate prepares the student for the Certified Dental Assistant National exam.

General Education Requirements		Credits
Writing Level I (WR1)		3
MATH/APPM		3

Program Requirements		Credits
ACCT 1050	Practical Accounting I.....	3
CMAP 1680	Microcomputer Applications (IT) OR	

COSC 1200	Computer Information Systems (IT).....	3
CO/M 1030	Interpersonal Communications (ORAL).....	3
DNTA 1500	Orientation to Dental Assisting.....	1
DNTA 1810	Dental Assisting Fundamentals.....	5
DNTA 1910	Dental Radiography.....	3
DNTA 2520	Dental Office Procedures.....	1
DNTA 2820	Dental Therapeutics and Emergency Management ..	3
PFDV 1500	Managing Career Development.....	3
Total		31

Credential

This credential program is designed to prepare a student for an entry-level professional position as a skilled dental assistant. To be a successful employee in the dental assistant profession, a person must have a customer friendly and service orientation, the ability to respect confidentiality, possess eye/hand coordination and dexterity skills, and enjoy working in a team environment. An individual choosing this profession must display a positive attitude and be dependable. This certificate prepares the student for the Certified Dental Assistant National exam.

Program Requirements		Credits
DNTA 1500	Orientation to Dental Assisting.....	1
DNTA 1810	Dental Assisting Fundamentals.....	5
DNTA 1910	Dental Radiography.....	3
DNTA 2520	Dental Office Procedures.....	1
DNTA 2820	Dental Therapeutics and Emergency Management ..	3
Total		13

EARLY CHILDHOOD

Two degree programs are offered: 1) AA in Early Childhood Education and 2) AAS in Early Childhood. These programs are designed to qualify students to teach in and/or manage childcare centers, pre-schools, child development centers and other areas dealing with the care of young children ages birth to eight years. They include courses that would enable a student to continue beyond the associate's degree toward a baccalaureate program in elementary education, early childhood education, or child development.

EARLY CHILDHOOD EDUCATION

Associate of Arts Degree

General Education Requirements		Credits
Writing Level I (WR1).....		3
Writing Level II (WR2).....		3
American & Wyoming Government (POLS 1000).....		3
ARTS.....		3
DIV.....		3
HUM.....	(In program)	
LSCI.....		4
MATH.....		3
ORAL.....	(In program)	
PEAC.....		1
SOC.....	(In program)	
UNST.....		1
WELL.....		1

Program Requirements

CO/M 1030	Interpersonal Communication (ORAL).....	3
EDEC 1020	Introduction to Early Childhood Education.....	3
EDEC 1100	Observation & Guidance of Young Child/Lab.....	3
EDEC 1200	Administration of Early Childhood Education.....	3
EDEC 1300	Young Child Curriculum Planning and Development.....	2

EDEC 1305	Young Child Curriculum Planning and Development Lab.....	1
EDEC 2122	Child Development Lab.....	1
EDEC 2200	Early Childhood Practicum.....	3
FCSC 1140	Nutrition.....	2
FCSC 2131	Family Relations.....	3
LIBS 2280	Literature for Children (HUM).....	3
PSYC 1000	General Psychology (SOC).....	4
PSYC 2300	Developmental Psychology.....	3
Program Electives*		5

* May include all education courses, selected communication and psychology courses and others as approved.

Total 64
Current First Aid and Child/Infant CPR Certifications are required at the time of graduation.

EARLY CHILDHOOD

Associate of Applied Science

General Education Requirements		Credits
Writing Level I (WR1).....		3
American & Wyoming Government (POLS 1000).....		3
HUM/ORAL/SOC.....	(In program)	
MATH/APPM/LSCI.....		3
PEAC/UNST/WELL.....		1

Program Requirements

CO/M 1030	Interpersonal Communication (ORAL).....	3
EDEC 1020	Introduction to Early Childhood Education.....	3
EDEC 1100	Observance and Guidance of Young Children.....	3
EDEC 1200	Administration of Early Childhood Education.....	3
EDEC 1300	Young Child Curriculum Planning and Development.....	2
EDEC 1305	Young Child Curriculum Planning and Development Lab.....	1
EDEC 2122	Child Development Lab.....	1
EDEC 2200	Early Childhood Practicum.....	3
FCSC 1140	Nutrition.....	2
FCSC 2131	Family Relations.....	3
LIBS 2280	Literature for Children (HUM).....	3
PSYC 1000	General Psychology (SOC).....	4
PSYC 2300	Developmental Psychology.....	3
Program Electives*		8

* May include all education courses, selected communication and psychology courses and others as approved.

General Electives 12
Current First Aid and Child/Infant CPR Certifications are required at the time of graduation.

Total 64

EARTH AND ENVIRONMENTAL SCIENCE

The program in Earth and Environmental Science provides the student with a broad foundation of Earth Science while allowing the flexibility to concentrate on a specific aspect of Environmental Science such as chemical or biological. This degree is designed for transfer to the University of Wyoming or other four-year institution granting degrees in specific areas of earth and environmental science.

Associate of Science Degree

General Education Requirements		Credits
Writing Level I (WR1).....		3
Writing Level II (WR2).....		3
American & Wyoming Government (POLS 1000).....		3
ARTS.....		3

PROGRAMS OF STUDY

DIV	.....	3
HUM	.....	3
LSCI	..... (In program)	
MATH	..... (In program)	
ORAL	.....	3
PEAC	.....	1
SOC	..... (In program)	
UNST	.....	1
WELL	.....	1

Program Requirements

BIOL 1010	General Biology I (LSCI)	4
CHEM 1020	General Chemistry I (LSCI).....	4
CHEM 1030	General Chemistry II.....	4
CHEM 2300	Introductory Organic Chemistry OR	
CHEM 2320	Organic Chemistry I	4
ECON 1010	Macroeconomics (SOC)	3
GEOL 1100	Physical Geology (LSCI).....	4
GEOL 2000	Earth System Science.....	4
MATH 1400	College Algebra (MATH).....	4
STAT 2050	Fundamentals of Statistics.....	4

Program Electives

Student must choose 5 credits from the following courses:

BIOL 2020	General Biology II	4
COSC 1200	Computer Information Systems (IT).....	3
G&R 1000	World Regional Geography	3
G&R 1020	Introduction to Human Geography (DIV).....	3
GEOL 1020	Geology of Wyoming	1-2
GEOL 1200	Historical Geology (LSCI).....	4
GEOL 1240	Geology of the Yellowstone-Teton Region	1
GEOL 2200	Geologic Field Excursion:.....	1-3
MATH 1405	Trigonometry.....	3

Total **64**

EDUCATION

The college transfer program in education is designed for prospective teachers in elementary or secondary education. Completing this program will enable students to transfer to a four-year institution to complete their baccalaureate studies in education. The program encompasses content area, educational foundations, technology, and practicum courses.

ELEMENTARY EDUCATION

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	(In program)
HUM	(In program)
LSCI	(In program)
ORAL	(In program)
MATH	(In program)
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

BIOL 1020	Life Science (LSCI)	4
EDEL 1410	Elementary School Mathematics I	1
EDEL 1430	Life Science in Elementary School	1
EDEL 2410	Elementary School Mathematics II.....	1

EDEX 2484	Foundations of Special Education	3
EDFD 2020	Foundations of Education.....	3
EDFD 2100	Educational Psychology.....	3
EDFD 2450	Human Life Span Development.....	2
EDUC 2100	Public School Practicum	2
G&R 1020	Introduction to Human Geography (DIV).....	3
ITEC 2360	Teaching with Microcomputers.....	3
LIBS 2280	Literature for Children (HUM)	3
MATH 1100	Mathematics for Elementary School Teachers I	3
MATH 1105	Mathematics for Elementary School Teachers II	3
MATH 1400	College Algebra (MATH).....	4
PSYC 1000	General Psychology (SOC)	4

Program Electives

Students must choose 1 of the following courses:

ASTR 1070	The Earth: Its Physical Environment (LSCI).....	4
GEOL 1070	The Earth: Its Physical Environment (LSCI).....	4
CHEM 1090	Fund of the Physical Universe (LSCI).....	4
PHYS 1090	Fund of the Physical Universe (LSCI)	4

Students must choose 1 of the following courses:

EDEL 1440	Physical Science in Elementary School*	1
EDEL 1450	Earth Science in Elementary School*	1

Students must choose 1 of the following courses:

CO/M 1010	Public Speaking (ORAL)	3
CO/M 1030	Interpersonal Communications (ORAL)	3

Total **66**

* To be taken concurrently with approved Physical or Earth Science.

SECONDARY EDUCATION

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	4
MATH*	3
ORAL	(In program)
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

CO/M 1010	Public Speaking (ORAL)	3
EDEX 2484	Foundations of Special Education	3
EDFD 2020	Foundations of Education.....	3
EDFD 2100	Educational Psychology.....	3
EDFD 2450	Human Life Span Development.....	2
EDUC 2100	Public School Practicum	2
ITEC 2360	Teaching with Microcomputers	3
PSYC 1000	General Psychology (SOC)	4

Program Electives

Student must choose 13 credits of approved courses from the following departments: ANTH, ART, ASTR, BIOL, CHEM, CMAP (not 1500), CO/M, COSC, ECON, ENGL, FREN, G&R, GEOL, GERM, HIST, HUMN, ITEC, LIBS, MATH, MOLB, MUSC, NAAS, NASC, PHIL, PHYS, POLS, PSYC, REWM, SOC, SPAN, STAT, THEA, ZOO.....

Total **64**

* Students transferring out of Wyoming should take MATH-1400, College Algebra

ENGINEERING

See: Pre-Engineering

ENGLISH

English majors have a competitive edge in the job market and higher education. Employers and universities both seek people with effective communication and critical thinking skills; the course work in English provides practice in both.

While the study of writing obviously leads to improved written communication, literary analysis can result in other desired traits, such as an increased ability to understand people, greater ease interacting with diverse populations, and creative problem solving skills. A degree in English serves as a solid, broad base for many careers.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	(In program)
Writing Level II (WR2)	(In program)
American & Wyoming Government (POLS 1000).....	3
ARTS (May not be an ENGL prefix).....	3
DIV (May not be an ENGL prefix).....	3
HUM (May not be an ENGL prefix).....	3
LSCI	4
MATH	3
ORAL	(In program)
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

CO/M 1030	Interpersonal Communication (ORAL)	3
ENGL 1010	English Composition I (WR1)	3
ENGL 1020	English Composition II (WR2)	3

Program Electives

ENGL 2000-2499*	.....	12
Additional courses with a HUM or DIV	.....
General Education designator	.....	6

General Electives 12

Total **64**

* 3 credits may be from the following courses: LIBS 2280, THEA 2010 or THEA 2020.

ENTREPRENEURSHIP

The Associate of Applied Science Degree in Entrepreneurship is designed for students who exhibit entrepreneurial potential and interest in developing a solid foundation in the entrepreneurial mindset. The program educates prospective entrepreneurs to develop, launch, grow, and sustain new business ventures. In addition, entrepreneurs who have already established a business can strengthen their managerial and business skills by evaluating entrepreneurial opportunities, managing risks, and transforming and/or reinventing their business. The focus is on developing an entrepreneurial mindset, evaluating and investigating business opportunities, financing a business, and strategic planning.

The general education requirements are designed to encourage students to develop critical and creative thinking, computation and communication skills, and basic technical skills used in the entrepreneurial world.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
MATH/APPM/LSCI	(In program)

IT/ORAL/WR2	(In program)
PEAC/UNST/WELL.....	1

Program Requirements

ACCT 1010	Principles of Accounting I (4cr) OR	
ACCT 1050	Practical Accounting (3cr)	3
ACCT 1065	Computerized Accounting (IT)	2
BADM 1005	Business Math (APPM)	3
BADM 1020	Business Communication (WR2) OR	
ENGL 2010	Technical Writing (WR2).....	3
BADM 2105	Small Business Management	3
BUSN 2000	International Business OR	
INST 2000	International Business	3
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL).....	3
ENTR 1505	Entrepreneurship I: Entrepreneurial Mindset.....	3
ENTR 1525	Entrepreneurship II: Opportunity Analysis.....	3
ENTR 1590	Entrepreneurial Leadership I.....	1
ENTR 2510	Entrepreneurship III: Financing Your Business	3
ENTR 2520	Legal Issues for Entrepreneurs	3
ENTR 2535	Entrepreneurship IV: Strategic Planning, A Roadmap to Success.....	3
ENTR 2590	Entrepreneurial Leadership II.....	1
FIN 1000	Personal Finance	3
MGT 2110	Business Ethics	3
MKT 1000	Advertising Sales & Promotion	3
MKT 1510	Entrepreneurial Marketing OR	
MKT 2100	Principles of Marketing	3

Program Electives

Students must choose nine (9) credits from the following courses:

ACCT 1020	Principles of Accounting II	3
CMA* 1680	Microcomputer Applications (IT)	3
CMA* 1725	Word Processing Applications:.....	3
CMA* 1775	Spreadsheet Applications:	3
CO/M 1050	Conflict Management and Mediation	3
CO/M 2250	Organizational Communication	3
ECON 1010	Principles of Macroeconomics (SOC)	3
ECON 1020	Principles of Microeconomics (SOC).....	3
ENTR 1501	Survey of Entrepreneurship	3
IMGT 2400	Information Management	3
MGT 2000	Introduction to Business	3

Total **65**

* Students with no computer experience must take CMA-1680, Microcomputer Applications, in the first semester of the program.

Certificate

The Entrepreneurship Certificate program is designed for students who exhibit entrepreneurial potential and interest in exploring the entrepreneurial mindset. The focus is on developing an entrepreneurial mindset, evaluating and investigating business opportunities, financing a business, and strategic planning. The general education requirements are designed to encourage students to develop computational and communication skills used in the entrepreneurial world.

General Education Requirements

General Education Requirements	Credits
Writing Level I (WR1)	3
MATH/APPM/LSCI.....	(In program)
PEAC/UNST/WELL	1

Program Requirements

ACCT 1010	Principles of Accounting I (4cr) OR	
ACCT 1050	Practical Accounting (3cr)	3
BADM 1005	Business Math (APPM)	3
BADM 1020	Business Communication (WR2) OR	
ENGL 2010	Technical Writing (WR2).....	3

PROGRAMS OF STUDY

BADM 2105	Small Business Management	3
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL)	3
ENTR 1505	Entrepreneurship I: Entrepreneurial Mindset.....	3
ENTR 1525	Entrepreneurship II: Opportunity Analysis.....	3
ENTR 1590	Entrepreneurial Leadership I.....	1
ENTR 2510	Entrepreneurship III: Financing Your Business	3
ENTR 2520	Legal Issues for Entrepreneurs	3
ENTR 2535	Entrepreneurship IV: Strategic Planning, A Roadmap to Success.....	3
ENTR 2590	Entrepreneurial Leadership II.....	1
MKT 1000	Advertising & Sales Promotion OR	
MKT 1510	Entrepreneurial Marketing.....	3
Total		39

Credential

The Entrepreneurship Credential program is designed for students who exhibit entrepreneurial potential and interest in exploring the entrepreneurial mindset. The focus is on developing an entrepreneurial mindset, evaluating and investigating business opportunities, financing a business, and strategic planning.

Program Requirements		Credits
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL).....	3
ENTR 1505	Entrepreneurship I: Entrepreneurial Mindset.....	3
ENTR 1525	Entrepreneurship II: Opportunity Analysis.....	3
ENTR 1590	Entrepreneurial Leadership I.....	1
ENTR 2510	Entrepreneurship III: Financing Your Business	3
ENTR 2535	Entrepreneurship IV: Strategic Planning, A Roadmap to Success.....	3
ENTR 2590	Entrepreneurial Leadership II.....	1
MKT 1000	Advertising & Sales Promotion OR	
MKT 1510	Entrepreneurial Marketing	3
Total		20

ENVIRONMENT, HEALTH AND SAFETY – ENVIRONMENTAL TECHNICIAN

The Associate of Applied Science degree in Environment, Health and Safety is designed for students interested in the environmental, safety, technical and compliance fields within the energy industry.

The general education requirements are designed to encourage students to develop critical and creative thinking, computation, communication and technology skills. The program requirements of the Environmental Technician provide students with a general understanding of biology, chemistry, geology and ecology related to the environment and the energy industry in addition to state and federal environmental laws and regulations. Students will also develop skills in testing, mapping, safety and compliance.

Associate of Applied Science Degree

General Education Requirements		Credits
Writing Level I (WR1)		3
American & Wyoming Government (POLS 1000).....		3
MATH/APP/MS/LSCI	(In program)	
IT/ORAL/WR2	(In program)	
UNST/PEAC/WELL.....		1

Program Requirements

BIOL 1020	Life Science (LSCI)	4
BIOL 1080	Introduction to Environmental Science (LSCI).....	4
CHEM 1000	Introduction to Chemistry (LSCI).....	4
CMAP 1680	Microcomputer Applications (IT)	3
CPED 1000	Cooperative Work Experience	3
EHS 1500	General Industry Safety	3
EHS 1505	Safeland Basic Orientation.....	0.5

EHS 1520	Hazardous Waste Operations and Emergency Response.....	3
EHS 2500	Environmental Compliance and Technology	3
ENGL 2010	Technical Writing (WR2).....	3
ENR 2010	Environmental Law.....	3
ENR 2030	Environmental Toxicology	3
ENR 2040	Environmental Regulatory Agencies.....	1
ENR 2050	Environmental Field Methods.....	3
G&R 1080	Introduction to Mapping/GIS/GPS	3
GEOL 1470	Environmental Geology (LSCI).....	4
MATH 1000	Problem Solving (MATH).....	3
MGT 2130	Human Relations (ORAL).....	3
REWM 1300	Introduction to Water Resources	3
SOIL 2130	Environmental Quality	3
Total		66.5

Certificate

The EHS Environmental Technician certificate combines hands-on training in field methods and mapping with classroom instruction in environmental science. Students will exit the program with a firm foundation in the field of environmental technology and will enter the professional realm with improved technical skills and a stronger academic background. All of the courses included in the certificate program will count towards completion of an AAS in Environment, Health and Safety – Environmental Technician track.

Program Requirements		Credits
BIOL 1080	Introduction to Environmental Science (LSCI).....	4
CHEM 1000	Introduction to Chemistry (LSCI).....	4
EHS 1500	General Industry Safety	3
EHS 1505	Safeland Basic Orientation.....	0.5
EHS 1520	Hazardous Waste Operations and Emergency Response.....	3
EHS 2500	Environmental Compliance and Technology	3
ENGL 1010	Writing Level I (WR1)	
ENGL 2010	Technical Writing (WR2) OR	
CMAP 1680	Microcomputer Applications (IT)	3
ENR 2040	Environmental Regulatory Agencies.....	1
ENR 2050	Environmental Field Methods.....	3
G&R 1080	Introduction to Mapping/GIS/GPS	3
MATH1000	Problem Solving (MATH).....	3
UNST 1010	Introduction to Online Learning.....	0.5
Total		34

Credential

The EHS Environmental Technician credential combines hands-on training in environmental field methods with classroom instruction in industry safety (30-hour OSHA certificate), environmental regulatory agencies, and soil and water resources. Students will exit the program with a firm introduction to the field of environmental technology and will enter the professional realm with improved technical skills and a stronger academic background. All of the courses included in the credential program will count towards completion of the EHS-Environmental Technician certificate and/or towards an AAS in Environment, Health and Safety – Environmental Technician track.

Program Requirements		Credits
BIOL 1080	Introduction to Environmental Science (LSCI).....	4
EHS 1500	General Industry Safety	3
EHS 1505	Safeland Basic Orientation.....	0.5
EHS 1520	Hazardous Waste Operations and Emergency Response.....	3
EHS 2500	Environmental Compliance and Technology	3
ENR 2040	Environmental Regulatory Agencies.....	1
ENR 2050	Environmental Field Methods.....	3
Total		17.5

ENVIRONMENT, HEALTH AND SAFETY – HEALTH AND SAFETY

TECHNICIAN

The Associate of Applied Science degrees in Environment, Health and Safety are designed for students interested in the environmental, safety, technical and compliance fields within the Energy Industry.

The general education requirements are designed to encourage students to develop critical and creative thinking, computation, communication and technology skills. The program requirements for the Health and Safety Technician provide students with a basic understanding of biology and chemistry related to the environment and the energy industry in addition to state and federal environmental laws and regulations. Students will also develop skills in worksite safety, incident prevention, incident investigation, management and training.

Associate of Applied Science Degree

General Education Requirements Credits

Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
APPM/LSCI/MATH	(In program)
IT/ORAL/WR2	(In program)
PEAC/UNST/WELL.....	1

Program Requirements

BIOL 1020	Life Science (LSCI)	4
BIOL 1080	Introduction to Environmental Science (LSCI).....	4
CHEM 1000	Introduction to Chemistry (LSCI).....	4
CMAP 1680	Microcomputer Applications (IT)	3
CPED 1000	Cooperative Work Experience	3
EHS 1500	General Industry Safety	3
EHS 1505	Safeland Basic Orientation.....	0.5
EHS 1520	Hazardous Waste Operations and Emergency Response.....	3
EHS 1550	Trenching, Excavation, and Confined Space Safety.....	2
EHS 1650	Defensive Driving	0.5
EHS 1700	Incident Prevention & Investigation	3
EHS 1750	Process Safety Management	1
ENGL 2010	Technical Writing (WR2).....	3
ENR 2010	Environmental Law.....	3
ENR 2040	Environmental Regulatory Agencies.....	1
FIRE 2530	Hazardous Materials: Awareness and Operations	3
HLED 2010	Wilderness First Responder	4
ITEC 2210	Integrating Technology	1
MATH 1000	Problem Solving (MATH).....	3
MGT 1200	Human Resource Management.....	3
MGT 2130	Human Relations (ORAL).....	3
SPAN 1000	Spanish for Safety Supervisors	2
Total		64

Certificate

The Environment Health and Safety, Health and Safety Technician certificate focuses on oil and gas industry standards and Occupational Safety and Health Administration (OSHA) compliance. Students will receive training in trenching, excavation and confined space safety and will receive an OSHA 30-hour general industry card. Students will exit the program with a foundation of safety standards and practices. All of the courses included in the certificate program will count toward completion of an Associate of Applied Science degree in Environment, Health and Safety – Health and Safety Technician program.

Program Requirements

CMAP 1680	Microcomputer Applications (IT)	3
CO/M 2130	Human Relations (ORAL).....	3
EHS 1500	General Industry Safety	3
EHS 1505	Safeland Basic Orientation.....	0.5
EHS 1520	Hazardous Waste Operations and Emergency Response.....	3
EHS 1550	Trenching, Excavation, and Confined Space Safety.....	2
EHS 1650	Defensive Driving	0.5
EHS 1700	Incident Prevention & Investigation	3
ENGL 1010	Writing Level I (WR1)	3
ENGL 2010	Technical Writing (WR2).....	3
HLED 2010	Wilderness First Responder	4
ITEC 1000	Training Presentation Techniques.....	1
MATH 1000	Problem Solving (MATH).....	3
Total		32

Credential

The Environment Health and Safety, Health and Safety Technician credential focuses on oil and gas industry standards and Occupational Safety and Health Administration (OSHA) compliance. Students will receive training in trenching, excavation and confined space safety and will receive an OSHA 30-hour general industry card. Students will exit the program with a foundation of safety standards and practices. All of the courses included in the credential program will count toward completion of a certificate in Environment, Health and Safety – Health and Safety Technician program.

Program Requirements

EHS 1500	General Industry Safety	3
EHS 1505	Safeland Basic Orientation.....	0.5
EHS 1520	Hazardous Waste Operations and Emergency Response.....	3
EHS 1550	Trenching, Excavation, and Confined Space Safety.....	2
EHS 1650	Defensive Driving	0.5
HLED 2010	Wilderness First Responder	4
Total		13

ENVIRONMENTAL SCIENCE AND LEADERSHIP

The Environmental Science and Leadership degree program is provided through a partnership with the National Outdoor Leadership School (NOLS). This unique program combines the wilderness experience courses offered through NOLS, with a rigorous science curriculum offered through CWC. The wilderness experience courses are designed to develop skills and attitudes consistent with NOLS philosophies on environmental awareness and conservation. The CWC science courses form the basis of a sound two-year program in natural science.

The core of this program is a combination of courses taught through NOLS. Students choosing to take a NOLS semester course for CWC credit must concurrently enroll in the following courses: BIOL 2045, EDUC 2015, and G&R 2050. Longer semesters will also include HLED 2010. As an alternative to the NOLS semester course, students may enroll in any of the courses listed below under Program Electives. However, no more than 16 credits of NOLS courses may be used toward graduation with this degree.

Consult the NOLS website or catalog for specific dates, locations, and formats of outdoor leadership courses, or directly contact the National Outdoor Leadership School at 307-332-5300. For detailed course descriptions on specific courses and seasons go to www.nols.edu. Courses offered through NOLS do not necessarily follow CWC

PROGRAMS OF STUDY

semester schedules. To enroll in a NOLS course with CWC credit, a student must apply to both NOLS and CWC. The CWC application can be completed on line at our website: www.cwc.edu. Registration is coordinated through the CWC Registrations and Records Office. Contact admissions@nols.edu for availability and application forms for NOLS courses.

All wilderness courses require students to have the physical ability to carry a 65-pound backpack and hike 70-100 miles in rugged wilderness terrain. Regardless of the wilderness experience, four recurring themes are stressed: judgment and safety; leadership and expedition behavior; outdoor skills; and environmental ethics.

The Environmental Science and Leadership program is excellent preparation for leadership careers in natural resources and environmental science.

Associate of Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	(In program)
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

BIOL 1010	General Biology I (LSCI)	4
CHEM 1020	General Chemistry I (LSCI).....	4
CHEM 1030	General Chemistry II	4
GEOL 2000	Earth System Science.....	4
HLED 2010	Wilderness First Responder*	4
MATH 1400	College Algebra (MATH).....	4

* May substitute HLED 2015 Wilderness EMT

Program Electives

GEOL 1100	Physical Geology (LSCI) OR	
GEOL 1200	Historical Geology (LSCI).....	4

Students must choose **12** credits from the following courses offered through NOLS

BIOL 2045	Natural History of Regional Ecosystems**	4
EDUC 2015	Outdoor Educator:	1-5
EDUC 2045	Outdoor Leadership Instructor.....	1-5
EDUC 2050	Outdoor Education & Leadership**	4
ENR 2010	Environmental Law.....	4
EQST 2655	Wilderness Horsepacking	1-5
G&R 2020	Mountaineering:.....	1-5
G&R 2030	Wilderness Backpacking:	1-5
G&R 2031	Combined Expedition:.....	1-5
G&R 2032	Winter Expedition	1-5
G&R 2033	Rock Climbing:.....	1-5
G&R 2034	Water Expedition:.....	1-5
G&R 2050	Environmental Ethics and Management**	4

Total **67**

** BIOL 2045, EDUC 2050 and G&R 2050 taken together constitute the National Outdoor Leadership School (NOLS) semester and must be taken concurrently. In addition HLED 2010 may be taken concurrently for select NOLS semesters.

EQUINE STUDIES

Central Wyoming College offers a variety of Equine Studies programs, ranging from an Associate of Applied Science degree in Horse Management to an Associate of Science Degree in Horse Science. There are also credentials offered in Equine Training Technology, Horse Management, Farrier Science and Teaching Riding.

HORSE MANAGEMENT

This curriculum covers the skills necessary for management and operation of horse production, training, boarding, and sales facilities, including equine and business aspects. Students boarding a horse at the CWC Equine Facility are required to take one of the following Equine Facility Management classes: EQST 1605, 2610 or 2620.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
ARTS/DIV/HUM/IT/SOC/WR2	6
(Must come from two categories)	
ORAL	(In program)
MATH/APPM/LSCI	3
PEAC/UNST/WELL.....	1

Program Requirements

ACCT 1010	Principles of Accounting I OR	
BADM 2100	Small Business Practices.....	3 / 4
CO/M 1010	Public Speaking (ORAL) OR	
CO/M 1030	Interpersonal Communication (ORAL)	3
EQST 1035	Horse Science	3
EQST 1040	Equine Nutrition	3
EQST 1050	Horsemanship I.....	3
EQST 1060	Horse Showmanship.....	3
EQST 1070	Horsemanship II.....	3
EQST 1250	Stock Horse Use & Showing I	3
EQST 1260	Stock Horse Use & Showing II OR	
EQST 2060	Horse Showmanship II	3 / 4
EQST 1270	English Equitation I.....	3
EQST 1320	Training for Timed Events.....	3
EQST 1340	Horse Event Production.....	4
EQST 1640	Fund of Teaching Riding.....	3
EQST 2280	English Equitation II.....	3
MGT 2000	Introduction to Business	3

General Electives2
Total **64 - 66**

Certificate

General Education Requirements	Credits
Writing Level I (WR1)	3
ATH/APPM	3
IT	3

Program Requirements

EQST 1035	Horse Science	3
EQST 1040	Equine Nutrition	3
EQST 1050	Horsemanship I.....	3
EQST 1070	Horsemanship II.....	3
EQST 1270	English Equitation I.....	3
EQST 2280	English Equitation II.....	3
MGT 2000	Introduction to Business	3
UNST 1005	Freshman Seminar (UNST)	1

Total **31**

HORSE SCIENCE

This transfer program is intended for those who wish to pursue equine studies at a four-year institution. Areas covered include scientific approaches to horse production, horsemanship, training, exhibition, and care. Students boarding a horse at the CWC Equine Facility are required to take one of the following Equine Facility Management classes: EQST 1605, 2610 or 2620.

Associate of Science Degree

General Education Requirements Credits

Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC *	3
UNST	1
WELL	1

Program Requirements

EQST 1035 Horse Science	3
EQST 1040 Equine Nutrition	3
EQST 1050 Horsemanship I.....	3
EQST 1060 Horse Showmanship I.....	3
EQST 1070 Horsemanship II.....	3
EQST 1250 Stock Horse Use & Showing I	3
EQST 1270 English Equitation I.....	3
EQST 1320 Training for Timed Events.....	3
Second MATH/LSCI	3

Program Electives

Students must choose three (3) credits from the following list of approved electives:

MGT 2000 Introduction to Business	3
EQST 1260 Stock Horse Use & Showing II	3
EQST 1340 Horse Event Production.....	4
EQST 1350 Training the Roping Horse I.....	3
EQST 1360 Training the Roping Horse II.....	3
EQST 1640 Fundamentals of Teaching Riding	3
EQST 2060 Horse Showmanship II	4
EQST 2210 CHA Certification	3
EQST 2280 English Equitation II.....	3
EQST 2640 Fundamentals of Teaching Riding II.....	3
EQST 2645 Fundamentals of Teaching Riding III.....	3
EQST 2710 Introduction to Combined Training.....	3

Total 64

* PSYC 1000 General Psychology is recommended.

EQUINE TRAINING TECHNOLOGY

Equine Training Technology is a Credential designed to provide the student with beginning skills and techniques necessary for employment in the western horse training field of the equine industry.

Credential Credits

EQST 1050 Horsemanship I.....	3
EQST 1060 Horse Showmanship I.....	3
EQST 1070 Horsemanship II.....	3
EQST 1270 English Equitation I OR	
EQST 1350 Training the Roping Horse I.....	3
EQST 1320 Training for Timed Events.....	3
EQST 1605 Equine Facility Management	3

EQST 2280 English Equitation II OR	
EQST 1360 Training the Roping Horse II	3
Total	21

FARRIER SCIENCE

The following course or courses are required to fulfill a farrier science credential.

Credential Credits

EQST 1210 Farrier Science I.....	3
EQST 1810 Farrier Science II.....	3
EQST 1811 Farrier Science III.....	3
Total	9

TEACHING RIDING

The Teaching Riding Credential will provide students with the knowledge of safe and effective skills necessary to become a riding instructor for individual and group riding programs in the extremely competitive equine industry.

Credential Credits

EQST 1050 Horsemanship I.....	3
EQST 1060 Horse Showmanship I.....	3
EQST 1070 Horsemanship II.....	3
EQST 1270 English Equitation I.....	3
EQST 1605 Equine Facility Management I	3
EQST 1640 Fundamentals of Teaching Riding	3
EQST 2210 CHA Certification	3
Total	21

FACILITIES MAINTENANCE TECHNOLOGY

The Associate of Applied Science degree in Facilities Maintenance is designed to prepare students as technicians and/or first-line supervisors/management for maintenance and janitorial workers. The general education requirements are designed to encourage students to develop critical and creative thinking, computation, communication skills and basic technical skills used in the facilities maintenance industry.

This two year program is designed to prepare students to develop skills in grounds and facilities maintenance, and janitorial services. Emphasis is placed on developing first-line supervisor skills required in the work place such as team building, communication, developing work ethic, inspecting and evaluating physical condition of facilities to determine the type of work required, and coordinating activities to ensure that services are provided in an efficient and timely manner.

To be a successful employee in the facilities maintenance industry, an individual must have developed active listening, instruction, and monitoring skills. In addition, the individual must have time management skills, an ability to problem solve, communicate effectively in writing and oral expression.

Facilities Maintenance Supervisors must have leadership skills to include: dependability, attention to detail, initiative, adaptability, flexibility, and independence.

Associate of Applied Science Degree

General Education Requirements Credits

Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
MATH/APPM/LSCI	3
UNST 1005 Freshman Seminar (UNST)	1
IT	(In program)
ORAL	(In program)
SOC	(In program)

PROGRAMS OF STUDY

Program Requirements

CMAP 1680	Microcomputer Applications (IT) OR	
COSC 1200	Computer Information Systems (IT)	3
SOC 1000	Sociological Principles (3cr) (SOC) OR	
PSYC 1000	General Psychology (4cr) (SOC)	3
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL)	3
CNTK 1510	Workplace Safety and Tools	3
CNTK 1520	Residential Blueprint Reading	3
ELEC 1600	Electrical Principles	3
ELEC 1610	Electrical Motor Controls	5
FMT 1505	Introduction to Life Safety Codes	2
FMT 1510	Grounds Maintenance	4
FMT 1520	Industrial Mechanics	4
FMT 1550	Energy & Environmental Management	3
FMT 1600	Building Maintenance	5
FMT 1650	Basic HVAC Control Systems	3
PFDV 1500	Managing Career Development	3
PWRS 1500	Power Sports Maintenance and Tune Up	3

Program Electives

Students are required to take a minimum of four (4) credits from the following program electives:

CPED 1000	Cooperative Work Experience I:	3
CPED 2000	Cooperative Work Experience II:	3
CPED 2980	Cooperative Work Experience III:	3
CNTK 1515	Communication and Employ	1.5
FMT 1500	Custodial/Facilities Attendant	3
FMT 1530	Crew Leadership I	2
FMT 1540	Crew Leadership II	2
MGT 1200	Human Resource Management	3
MGT 2100	Introduction to Management	3
PFDV 1555	Team Building Challenge	1
WELD 1700	General Welding	4
Total		64

Certificate

The Facilities Maintenance Certificate is designed to develop student's skills as technicians and/or first-line supervisors/management for maintenance and janitorial workers. The general education requirements are designed to encourage students to develop computation and communication skills.

Emphasis is placed on skills required in the work place such as team building, communication, work ethic, and inspecting and evaluating the physical condition of facilities to determine the type of work required.

General Education Requirements Credits

WR1/ORAL	.....	3
MATH/APPM	.....	3
UNST 1005	Freshman Seminar (UNST)	1

Program Requirements

CNTK 1510	Workplace Safety and Tools	3
ELEC 1600	Electrical Principles	3
FMT 1505	Introduction to Life Safety Codes	2
FMT 1510	Grounds Maintenance	4
FMT 1520	Industrial Mechanics	4
FMT 1550	Energy & Environmental Management	3
FMT 1600	Building Maintenance	5

Program Electives

Students are required to take a minimum of three (3) credits from the following program electives:

CNTK 1515	Communication and Employ	1.5
CNTK 1520	Residential Blueprint Reading	3
CPED 1000	Cooperative Work Experience I:	3

CPED 2000	Cooperative Work Experience II:	3
ELEC 1610	Electrical Motor Controls	5
FMT 1500	Custodial/Facilities Attendant	3
FMT 1530	Crew Leadership I	2
FMT 1540	Crew Leadership II	2
PFDV 1500	Managing Career Development	3
PFDV 1555	Team Building Challenge	1
PWRS 1500	Power Sports Maintenance and Tune Up	3
WELD 1700	General Welding	4
Total		34

Credential

The Facilities Maintenance Credential is designed to develop basic skills for facilities maintenance technicians and janitorial workers.

Program Requirements Credits

UNST 1005	Freshman Seminar (UNST)	1
CNTK 1510	Workplace Safety and Tools	3

Program Electives

Students are required to take a minimum of seven (7) credits from the following program "Technical" electives:

CNTK 1520	Residential Blueprint Reading	3
ELEC 1600	Electrical Principles	3
FMT 1500	Custodial/Facilities Attendant	3
FMT 1505	Introduction to Life Safety Codes	2
FMT 1510	Grounds Maintenance	4
FMT 1520	Industrial Mechanics	4
FMT 1550	Energy and Environmental Management	3

Program Electives

Students are required to take a minimum of three (3) credits from the following program "Soft Skill" electives:

CNTK 1515	Communication and Employability Skills	1.5
CPED 1000	Cooperative Work Experience I: Facilities Maint	3
FMT 1530	Crew Leadership I	2
FMT 1540	Crew Leadership II	2
PFDV 1500	Managing Career Development	3
PFDV 1555	Team Building Challenge	1
Total		14

FARM AND RANCH RESOURCE MANAGEMENT

The Associate of Applied Science degree in Farm and Ranch Resource Management is designed to prepare students for farm and ranch management skills and integrate these skills into the day-to-day farming and ranching practices.

The general education requirements are designed to encourage students to develop critical and creative thinking, computation, communication skills and basic technology skills utilized in the farm and ranch industry.

The program is designed to prepare students to develop basic analytical skills for livestock production, livestock nutritional requirements, grazing and forage management, crop rotation, strategic planning, analyzing financial feasibility, cash flow, marketing, and human resource management strategies that are essential to manage or operate a farm or ranch business.

Associate of Applied Science Degree

General Education Requirements Credits

Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000)	3
MATH/APPM/LSCI	3
PEAC/UNST/WELL	1
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	(In program)
(IT, SOC, and WR2 are in the program)	

Program Requirements

ACCT 1050	Practical Accounting I OR	
ACCT 1010	Principles of Accounting I	3
ACCT 1065	Computerized Accounting (IT)	2
AECL 1000	Agroecology	4
AECL 2100	Integrated Resource Management	3
AGEC 2020	Farm and Ranch Business Management	4
ANSC 1010	Livestock Production I	4
ANSC 2020	Feeds and Feeding	4
BADM 1020	Business Communication (WR2)	3
CMAP 1680	Microcomputer Applications (IT) OR	
CMAP 1775*	Spreadsheets (IT)	3
ECON 1020	Microeconomics (SOC)	3
MGT 2000	Introduction to Business	3
REWM 1300	Intro to Water Resources	3
REWM 2000	Principles of Range Management	3
REWM 2500	Range Land Plant Identification	2
SOIL 2010	Introduction to Soils (4crs) OR	
SOIL 2130	Environmental Quality (3crs)	3

* Advanced level CMAP 1680

Program Electives

Students are required to take a minimum of six (6) credits from the following program electives:

AGEC 2010	Farm and Ranch Business Records	3
BADM 2100	Small Business Practices	3
BIOL 1010	General Biology I (LSCI) OR	
BIOL 1020	Life Science (LSCI)	4
CHEM 1000	Introduction to Chemistry (LSCI)	4
CPED 1000	Cooperative Work Experience I:	3
ECON 1010	Macroeconomics (SOC)	3
ENR 2010	Environmental Law	3
FIN 1000	Personal Finance	3
REWM 1000	Introduction to Range Management	1

General Electives		64
Total		64

Farm and Ranch Resource Management

The Farm and Ranch Resource Management Certificate is designed to provide students basic farm and ranch management skills.

The general education requirements are designed to encourage students to develop computation and communication skills utilized in the farm and ranch industry.

The certificate is designed to prepare students to develop basic analytical skills for livestock production, livestock nutritional requirements, grazing and forage management, crop rotation, strategic planning, and analyzing financial feasibility.

Certificate

General Education Requirements	Credits
Writing level I (WR1)	3
MATH/APP/MS/LSCI	3
UNST/PEAC/WELL	1

Program Requirements

ACCT 1050	Practical Accounting I OR	
ACCT 1010	Principles of Accounting I	3
ACCT 1065	Computerized Accounting (IT)	2
AECL 1000	Agroecology	4
AGEC 2020	Farm and Ranch Business Management	4
ANSC 1010	Livestock Production I	4
ANSC 2020	Feeds and Feeding	4
CMAP 1680	Microcomputer Applications (IT) OR	
CMAP 1775	*Spreadsheets: (IT)	3

REWM 2000	Principles of Range Management	3
REWM 2500	Rangeland Plant Identification	2
Total		36

* Advanced level CMAP 1680

Farm and Ranch Management

The Farm and Ranch Management Credential is designed to provide students with basic farm and ranch management skills.

Credential

Program Requirements	Credits
ACCT/AECL/AGEC/ANSC/REWM/SOIL/WELD	24
Total	24

FIRE SCIENCE

The Associate of Applied Science degree in Fire Science is designed to prepare the student with advanced knowledge and skills necessary for fire service employment or career advancement within paid or volunteer firefighter services. The general education requirements are designed to encourage students to develop critical and creative thinking, computation and communication skills, lifelong learning skills, and technical skills used in the firefighter services.

For the completion of the Fire Science AAS degree, a student will select a combination of course offerings listed under the wildland and/or structure firefighter program electives. These courses are designed to prepare the student for advanced placement in firefighter services. To be successful in the paid or volunteer firefighter services, a person must demonstrate the following professional attributes: dependable, detail-oriented, safety conscious, initiative, and adaptable/flexible. The ability to work in a team environment is critical as well as displaying tolerance for stress and concern for others.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000)	3
MATH/APP/MS/LSCI	(In program)
PEAC/UNST/WELL	1
ARTS/DIV/HUM/IT/SOC	3
WR2	(In program)
ORAL	(In Program)

Program Requirements

BADM 1005	Business Math I (APP) OR	
MATH 1000	Problem Solving (MATH)	3
BADM 1020	Business Communications (WR2) OR	
ENGL 1020	English Composition (WR2)	3
CO/M 1030	Interpersonal Communication (ORAL) OR	
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL)	3
FIRE 1505	National Incident Management System	3
FIRE 1515	Firefighter I: Structure I	4
FIRE 1516	Firefighter I: Structure II	4
FIRE 1550	Arson Detection for the First Responder	1
FIRE 1800	Fire Operations in the Wildland/Urban Interface	2
FIRE 1810	Wildland Firefighting	3
FIRE 1815	Introduction to Wildland Firefighting Simulation	1
FIRE 2530	Hazardous Materials: Awareness & Operations	3
HLED 1240	First Aid and CPR	3

Program Electives

Student must choose 21 credits for completion of the Fire Science degree. The selection of the 21 credits may be from either Wildland Firefighter Program Electives and/or Structure Firefighter Program Electives which may include 3, 6, or 9 credits of Cooperative Work Experience. Up to 9 credits may come from the following prefixes: CRMJ, CNSL, HMSV, HSEC or PSYC-2210.

PROGRAMS OF STUDY

Cooperative Work Experience

CPED 1000	Cooperative Work Experience I: Fire Science	.....3
CPED 2000	Cooperative Work Experience II: Fire Science	.....3
CPED 2980	Cooperative Work Experience III: Fire Science	.....3

Program Electives: Wildland Firefighter

FIRE 1620	Pumps, Water and Wildland Fire	.....2
FIRE 1805	Dispatch Recorder	.....1
FIRE 1830	Intermediate Wildland Fire Behavior	.....3
FIRE 1835	Introduction to Wildland Fire Calculations	.....3
FIRE 1840	Crew Boss	.....2
FIRE 1841	Chain Saws in Wildland Fires	.....2
FIRE 1845	Engine Boss	.....1
FIRE 1850	Interagency Business Management	.....1
FIRE 1851	Initial Attack Instant Commander	.....1
FIRE 1852	Field Observer	.....1
FIRE 1855	Applied Interagency Incident Business Management	.....1
FIRE 1900	Facilitative Instructor	.....3
FIRE 2517	Division/Group Supervisor	.....1
FIRE 2518	Task Force/Strike Team Leader	.....2
FIRE 2520	Ignition Operations	.....3
FIRE 2725	Followership to Leadership	.....1

Program Electives: Structure Firefighter

EMT 1500	Emergency Medical Technician: Basic (EMT)	.....8
FIRE 1517	Firefighter I: Field Experience	.....4
FIRE 2515	Firefighter II: Structure	.....3
FIRE 2516	Firefighter II: Field Experience	.....3
FIRE 2528	Hazardous Materials Technician	.....5
FIRE 2580	Firefighter Line of Duty Death and Injury	.....1
FIRE 2710	Leadership I: Strategies for Company Success	.....1
FIRE 2720	Leadership III: Strategies for Supervisory Success	.....1
FIRE 2730	Introduction to Fire Inspection Principles and Practices	.....2
FIRE 2735	Managing in a Changing Environment	.....1
FIRE 2740	Managing Company Tactical Operations-Preparation	.....1
FIRE 2745	Managing Company Tactical Operations-Decision Making	.....1

OR up to 9 credits may come from the following prefixes: CRMJ, CNSL, HMSV, HSEC or PSYC-2210

Total **64**

Credential

The credential in Fire Science is designed to prepare the student with the knowledge and skills necessary for entry-level fire service employment or career advancement within paid or volunteer firefighter services. After coursework is completed in this credential, the student will be qualified to obtain the recognized fire certifications required for employment as an entry-level structure or wildland firefighter. To be successful in the paid or volunteer firefighter services, a person must demonstrate the following professional attributes: dependable, detail-oriented, safety conscious, initiative, and adaptable/flexible. The ability to work in a team environment is critical as well as displaying tolerance for stress and concern for others.

Program Requirements Credits

FIRE 1505	National Incident Management System	.....3
FIRE 1515	Firefighter I: Structure I	.....4
FIRE 1516	Firefighter I: Structure II	.....4
FIRE 1517	Firefighter I: Field Experience	.....4

FIRE 1550	Arson Detection for the First Responder	.....1
FIRE 1800	Fire Operations in the Wildland/Urban Interface	.....2
FIRE 1810	Introduction to Wildland Firefighting	.....3
FIRE 1815	Introduction to Wildland Firefighting Simulation	.....1
FIRE 2530	Hazardous Materials: Awareness & Operations	.....3
HLED 1240	First Aid and CPR	.....3
Total		28

GEOLOGY

See: Earth and Environmental Science

Students desiring an area of emphasis in geology are required to fulfill the requirements outlined in the Earth and Environmental Science curriculum. Careful selection of science and math requirements can provide the student with the equivalent of the first two years of a baccalaureate program. All geology courses are offered subject to sufficient enrollment.

GREAT DIVIDE INSTITUTE

See: Western American Studies

HISTORY

See: Western American Studies

HEALTH SCIENCE: CERTIFIED NURSING ASSISTANT II

Health Science: Certified Nursing Assistant II (CNA II) credential prepares students with active Wyoming certified nursing assistant (CNA) certification for an expanded role as a CNA II. This expanded role includes performing specific skill competencies for predictable patients with chronic conditions under the supervision of a licensed nurse. On successful completion, students will be eligible for Wyoming state certification as a CNA II. This program is approved by the Wyoming State Board of Nursing. Students must apply for admission to the program and meet eligibility criteria set forth by the Wyoming State Board of Nursing.

Students must:

- be at least 18 years of age at the completion of the course
- have a high school diploma or a GED
- have a current unencumbered Wyoming certified nursing assistant certificate
- have completed at least 1500 hours of documented work hours as a CNA

Credential

Program Requirements		Credits
HLED 1281	Health & Wellness (WELL)	.....1
HLTK 1550	Introduction to Professional Health Occupations	...2
NRST 1200	Medical Terminology	.....3
NRST 1550	Certified Nursing Assistant II	.....3
UNST 1005	Freshman Seminar (UNST)	.....1
ZOO 2015	Human Anatomy	.....4
Total		14

HEALTH SCIENCE: MEDICATION ASSISTANT

Health Science: Medication Assistant certificate prepares students with active Wyoming certified nursing assistant II (CNA II) classification for an expanded role as a medication assistant-certified (MA-C). This expanded role includes medication administration to patients with chronic conditions in specific healthcare settings under

the supervision of a licensed nurse. General education requirements are designed to encourage students to develop critical and creative thinking, computation, communication, and technology skills utilized in the healthcare setting. On successful completion, students are eligible for certification as a medication assistant. This program is approved by the Wyoming State Board of Nursing. Students must:

- be a graduate from a state or board approved CNA II training and competency evaluation program; or
- have a current unencumbered Wyoming CNA II certificate

Certificate

General Education Requirements Credits

ENGL 1010	English Comp I (WR1)	3
MATH1000	Problem Solving (MATH/APPM)	3
UNST 1005	Freshman Seminar (UNST)	1

Program Requirements

HLED 1281	Health & Wellness (WELL)	1
HLTK 1550	Introduction to Professional Health Occupations	2
NRST 1200	Medical Terminology	3
NRST 1550	Certified Nursing Assistant II	3
NRST 1600	Medication Assistant	6
PSYC 1000	General Psychology (SOC)	4
ZOO 2015	Human Anatomy	4

Total 30

HOMELAND SECURITY

The Associate of Science degree in Homeland Security is designed to provide the student with a comprehensive review of the Department of Homeland Security, its agencies, laws, authorities and actions. Students completing this Associate of Science degree may either transfer to a four-year institution to complete a bachelor's degree in a related field or apply for entry-level positions in law enforcement, security, protective services, and other careers in local, state, or federal jurisdictional arenas.

The general education courses required in the Associate of Science degree are designed to develop a student's minimum level of competency in the areas of writing, math, and oral communication. The remaining general education requirements are designed to assure the student has a broad general background in different discipline areas in which students come to know and understand themselves and others, in the nation and in the world.

Courses in the program focus on an overview of Homeland Security Law and on domestic, international, biological, agriculture and cyber terrorism. Detailed throughout the program curricula are the skills and knowledge needed to support the homeland security mission of preventing terrorist attacks within the United States; reducing the United States' vulnerability to terrorism; minimizing damage and assisting in recovery of occurring terrorist attacks; acting as a focal point regarding natural and man-made crises and emergency planning; and monitoring connections between illegal drug trafficking and terrorism.

To be successful in a homeland security career, a person must demonstrate the following professional attributes: integrity, analytical and critical thinking, independence, initiative, dependable, attention to detail, achievement/effort, innovation, persistence, and cooperation.

Associate of Science Degree

General Education Requirements Credits

Writing Level I (WR1)	3
Writing Level II (WR2)	(In program)
American & Wyoming Government (POLS 1000)	3
ARTS	3
DIV	3

HUM	3
LSCI	4
MATH	3
ORAL*	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

BADM 1020	Business Communications (WR2)	3
HSEC 1000	Introduction to Homeland Security	3
HSEC 1001	School Safety	3
HSEC 1002	Terrorism and Counter-Terrorism	3
HSEC 1003	Homeland Security and First Responders	3
HSEC 2001	Overview of Homeland Security Law	3
STAT 2050	Fundamentals of Statistics OR	
STAT 2070	Introductory Statistics for the Social Sciences	4

Program Electives

Student must choose 15 credits from the following courses:

HSEC 1004	Theories and Psychology of Terrorism	3
HSEC 1005	A History of Terrorism	3
HSEC 1015	Homeland Security and Critical Infrastructure Facilities	3
HSEC 1025	Transitions: Emergency Management and Homeland Security	3
HSEC 2002	Agricultural Terrorism	3
HSEC 2003	Economics and Terrorism	3
HSEC 2004	Homeland Security and Law Enforcement	3
HSEC 2005	Politics and Terrorism	3
HSEC 2006	Terrorism and Weapons of Mass Destruction	3
HSEC 2007	Biological Terrorism	3
HSEC 2008	Religion, Extremism, and Violence	3
HSEC 2009	Terrorism and the Media	3
HSEC 2010	Cyber Terrorism	3

Total 68

* Recommend student enroll in CO/M 1030 Interpersonal Communication.

HOTEL AND RESTAURANT MANAGEMENT

This Associate of Applied Science degree program prepares students for mid-management positions in the hotel/restaurant industry, with emphasis on both lodging and restaurant. Graduates are prepared for employment as assistant managers, front office managers, restaurant and dining room managers, assistant sales managers and other entry level positions preparatory to executive positions.

Associate of Applied Science Degree

General Education Requirements Credits

Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000)	3
MATH/APPM/LSCI	(In program)
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	(In program)
UNST/PEAC/WELL	1

Program Requirements

ACCT 1010	Principles of Accounting I (4cr) OR	
ACCT 1050	Practical Accounting I (3cr)	3
BADM 1005	Business Math (APPM)	3
CMAP 1680	Microcomputer Applications (IT)	3
CO/M 1030	Interpersonal Communications (ORAL)	3
CPED 1000	Cooperative Education I:CULA/HRM	3
CPED 2000	Cooperative Education II:CULA/HRM	3
CULA 1555	Food Prep I: Stocks, Sauces, and Soups	3

PROGRAMS OF STUDY

CULA 1600	Food Prep II: Garde Manger.....	3
ECON 1010	Macroeconomics (SOC) OR	
ECON 1020	Microeconomics (SOC).....	3
HRM 1500	Introduction to the Hospitality Industry	3
HRM 1501	Lodging Management/Front Office Procedure	3
HRM 1505	Sanitation, Health and Safety in the Hospitality Industry.....	3
HRM 1510	Dining Room Management and Food Delivery Systems	3
HRM 1515	Planning and Control for Food and Beverage Operations.....	3
HRM 2500	Quantity Food Purchasing.....	3
HRM 2501	Facilities Management.....	3
HRM 2506	Sales and Marketing in the Hospitality Industry....	3
HRM 2515	Human Resource Management in the Hospitality Industry.....	3
HRM 2525	Wine Production, Service, and Appreciation.....	3
HRM 2530	Beverage Management.....	3
Total		67

Hotel Management

The Hotel Management credential program introduces the student to human services, management (lodging, facilities), and marketing within the hotel industry.

Credential

Program Requirements	Credits
CO/M 1030 Interpersonal Communication (ORAL)	3
HRM 1500 Introduction to the Hospitality Industry	3
HRM 1501 Lodging Management/Front Office Procedures.....	3
HRM 2501 Facilities Management.....	3
HRM 2506 Sales and Marketing in the Hospitality Industry....	3
HRM 2515 Human Resources in the Hospitality Industry.....	3
Total	18

Hotel Management

The Hotel Management certificate program prepares students for lodging management within the hospitality industry. Emphases will be on food service and front office operations. This certificate also includes basic food and beverage management.

Certificate

General Education Requirements	Credits
WR1/ORAL	(In program)
MATH/APPM	(In program)
Program Requirements	Credits
ACCT 1050 Practical Accounting I.....	3
BADM 1005 Business Math (APPM)	3
CO/M 1030 Interpersonal Communications (ORAL).....	3
CPED 1000 Cooperative Education I: HRM.....	3
HRM 1500 Introduction to the Hospitality Industry	3
HRM 1501 Lodging Management/Front Office Procedures.....	3
HRM 1515 Planning and Control for Food and Beverage Operations	3
HRM 2501 Facilities Management.....	3
HRM 2506 Sales and Marketing in the Hospitality Industry....	3
HRM 2515 Human Resource Management in the Hospitality Industry	3
Total	30

Restaurant Management

The Restaurant Management certificate program introduces students to management skills within the hospitality industry. Emphases will be on food service and restaurant operations. This certificate

also includes an introduction to basic front of the house lodging management.

Certificate

General Education Requirements	Credits
WR1/ORAL.....	(In program)
MATH/APPM.....	(In program)
Program Requirements	Credits
ACCT 1050 Practical Accounting I.....	3
BADM 1005 Business Math (APPM)	3
CMA 1680 Microcomputer Applications (IT)	3
CO/M 1030 Interpersonal Communications (ORAL).....	3
CPED 1000 Cooperative Education I: HRM.....	3
CULA 1555 Food Prep I: Stocks, Sauces and Soups	4
CULA 1600 Food Prep II: Garde Manger	3
HRM 1505 Sanitation, Health and Safety in the Hospitality Industry.....	3
HRM 1510 Dining Room Management and Food Delivery Systems	3
HRM 1515 Planning and Control for Food and Beverage Operations	3
HRM 2500 Quantity Food Purchasing.....	3
HRM 2501 Facilities Management.....	3
HRM 2506 Marketing and Merchandising in the Hospitality Industry	3
Total	39

Restaurant Management

The Restaurant Management credential program introduces the student to core concepts of food preparation, dining room management, and human resource management.

Credential

Program Requirements	Credits
CULA 1555 Food Prep I: Stocks, Sauces, Soups.....	3
CULA 1600 Food Prep II: Garde Manger	3
HRM 1505 Sanitation, Health and Safety in the Hospitality Industry.....	3
HRM 1510 Dining Room Management and Food Delivery Systems	3
HRM 1515 Planning and Control for Food and Beverage Operations	3
HRM 2515 Human Resources Management in the Hospitality Industry	3
Total	18

HUMAN SERVICES

The Human Services program is designed to prepare students for employment opportunities in day care centers, mental health centers, school systems, long-term and acute-care facilities, chemical dependency centers, and the centers for the developmentally disabled.

Students must complete the general education requirements, program requirements and choose at least one of the Human Service options to complete the two-year degree. Options available are the: 1) General Option, and 2) Addictions Option. Students who choose to complete both Human Services options will earn a Human Services AAS degree in each option.

HUMAN SERVICES GENERAL OPTION

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
ARTS/DIV/HUM/IT/WR2	2

MATH/APPM/LSCI	3
ORAL	(In program)
SOC	(In program)
PEAC/UNST/WELL.....	1

Program Requirements

CNSL 2100 Case Management.....	3
CNSL 2300 Counseling for Helping Professions.....	3
CNSL 2330 Counseling Diverse Populations.....	3
CO/M 1030 Interpersonal Communication (ORAL).....	3
CO/M 1005 Intercultural Communication (DIV) OR.....	
PSYC 2340 Abnormal Psychology.....	3
EDFD 2450 Human Life Span Development.....	3
HMSV 1110 Ethics for Helping Professions.....	3
HMSV 1200 Field Experience in Human Services I.....	4
HMSV 2110 Field Experience in Human Services II.....	4
HMSV 2120 Field Experience in Human Services III.....	4
PSYC 1000 General Psychology (SOC).....	4

Program Electives

Student to choose **12** credits from courses in the following Departments: ARAP, CNSL, CO/M, CRMJ, EDFD, FREN, HMSV, NAAS, PSYC, SHOS, SOWK, SOC, SPAN, WMST

General Electives	3
Total	64

HUMAN SERVICES ADDICTION OPTION

Associate of Applied Science

The addictions option is designed for those individuals wishing to work in the addictions field. The option is designed to prepare people to obtain their Certified Addictions Practitioner Assistant Certification (CAPA) from the State of Wyoming. People completing this option, and obtaining their CAPA would most likely work within inpatient or outpatient drug or alcohol treatment programs, detoxification centers, and drug court programs.

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
ARTS/DIV/HUM/IT/WR2	2
MATH/APPM/LSCI	3
ORAL	(In program)
SOC	(In program)
PEAC/UNST/WELL.....	1

Program Requirements

CNSL 2100 Case Management.....	3
CNSL 2300 Counseling for Helping Professions.....	3
CNSL 2310 Introduction to Group Counseling.....	3
CNSL 2320 Addictions Assessment*	3
CNSL 2330 Counseling Diverse Populations.....	3
CNSL 2340 Theories of Counseling.....	3
CO/M 1030 Interpersonal Communication (ORAL).....	3
CO/M 1005 Intercultural Communication (DIV) OR.....	
PSYC 2340 Abnormal Psychology.....	3
HMSV 1110 Ethics for Helping Professions.....	3
HMSV 1200 Field Experience in Human Services I**.....	4
HMSV 2110 Field Experience in Human Services II**.....	4
HMSV 2120 Field Experience in Human Services III**.....	4
HMSV 2130 Understanding the Addictions Process.....	3
PSYC 1000 General Psychology (SOC).....	4
PSYC 2210 Drugs and Behavior	3

General Electives	3
Total	64

- * It is recommended that students take HMSV 2130 prior or concurrently with this class.
- ** Must be at approved addiction sites.

INTERNATIONAL STUDIES

Associate of Arts Degree

The International Studies program utilizes an interdisciplinary approach to provide students with a broad introduction to global issues. Incorporating such disciplines as Anthropology, Political Science, History, Foreign Language, and Homeland Security, students are afforded the flexibility to engage global affairs from a variety of approaches and perspectives.

This program provides a solid foundation to facilitate successful transfer to four year institutions of higher learning, and demonstrates to students the many options for future career paths in the international arena. While originating in the classroom, the International Studies program will motivate and inspire students to take an active role in a rapidly globalizing world.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	(In Program)
HUM	(In Program)
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC	(In Program)
UNST	1
WELL	1

Program Requirements

G&R 1020 Introduction to Human Geography (DIV).....	3
HIST 2320 History of Islam (HUM) OR.....	
HUMN 2430 World Religions (HUM).....	3
POLS 1200 Non-Western Political Cultures (SOC)	3
POLS 2310 Introduction to International Relations (SOC).....	3

Program Electives

Program electives must include **21** credit hours from the following list. Foreign Language courses are strongly recommended. Students may take up to **8** credits of any foreign language coursework or up to **12** hours if more than one language is studied.

ANTH 1100 Introduction to Physical Anthropology (SOC).....	3
ANTH 1200 Introduction to Cultural Anthropology (SOC).....	3
ART 2010 Art History I (HUM).....	3
ART 2020 Art History II (HUM).....	3
FREN 1010 First Year French I.....	4
FREN 1020 First Year French II.....	4
FREN 2030 Second Year French I.....	4
FREN 2140 Introduction to Reading.....	3
GERM 1010 First Year German I.....	4
GERM 1020 First Year German II.....	4
GERM 2030 Second Year German I.....	4
GERM 2140 Introduction to Reading.....	3
HIST 1110 Western Civilization I (HUM)	3
HIST 1120 Western Civilization II (HUM)	3
HSEC 1002 Terrorism & Counterterrorism.....	3
HSEC 1005 A History of Terrorism.....	3
HSEC 2005 Politics and Terrorism	3
HSEC 2008 Religion, Extremism, Violence.....	3

PROGRAMS OF STUDY

HUMN 2430	World Religions (HUM)	3
MUSC 2015	Music of the World's People.....	3
POLS 2055	The Modern Middle East (DIV)	3
POLS 2205	Human Rights Theory	3
POLS 2215	Ethnic Conflict and Genocide (DIV).....	3
POLS 2305	Topics in World Politics:	3
POLS 2445	World Politics through Film	3
RELI 2320	History of Islam (HUM)	3
SPAN 1010	First Year Spanish I	4
SPAN 1020	First Year Spanish II	4
SPAN 2030	Second Year Spanish I.....	4
SPAN 2140	Introduction to Reading	3
General Electives		6
Total		64

MANAGEMENT INFORMATION SYSTEMS

See: Computer Science

MANUFACTURING

The Manufacturing Specialist Credentials are designed to provide students with the basic skills and knowledge required to work in the manufacturing industry.

Certified Manufacturing Specialist Credential

The Certified Manufacturing Specialist Credential provides a holistic perspective of the manufacturing environment. Students completing this credential will have knowledge and skills in the following manufacturing areas: manufacturing organizing principles and work force skills; manufacturing production and automated manufacturing skills; manufacturing representative skills. Upon successful completion of this credential the student will receive a Certified Manufacturing Specialist Certificate from the Wyoming Business Council.

Program Requirements		Credits
QSMF 1550	Certified Manufacturing Specialist	12
	OR	
All of the following courses:		
QSMF 1551	Manufacturing: Organization and Workplace Skills	3
QSMF 1552	Manufacturing: Production Requirement and Automated Manufacturing Skills.....	4
QSMF 1553	Manufacturing: Representative Skills	5
Total		12

Manufacturing: Organization and Workplace Skills Credential

This credential introduces students to an overview of the manufacturing systems including functional and structural manufacturing. Manufacturing workplace effectiveness skills, including personal and interpersonal skills are developed.

Program Requirements		Credits
QSMF 1551	Manufacturing: Organization and Workplace Skills	3
Total		3

Manufacturing: Production Requirements and Automated Manufacturing Credential

This credential emphasizes quality control skills, continuous improvement and problem solving skills, which will promote a competitive advantage for industry.

Program Requirements		Credits
QSMF 1552	Manufacturing: Production Requirement and Automated Manufacturing Skills	4
Total		4

Manufacturing Representative Credential

This credential is designed to enhance the students automated manufacturing skills; to ensure efficient, high quality output. Quality control and continuous improvement is emphasized.

Program Requirements		Credits
QSMF 1553	Manufacturing: Representative Skills	5
Total		5

MATHEMATICS

The program in Mathematics allows the student to focus on a specific area of mathematics or to garner a broad background in a variety of mathematical concepts. This program is suited for those planning to pursue a four-year degree in Mathematics, Secondary Mathematics Education or other related program. This degree is designed for transfer to the University of Wyoming or other four-year institutions.

Associate of Science Degree

General Education Requirements		Credits
Writing Level I (WR1)		3
Writing Level II (WR2)		3
American & Wyoming Government (POLS 1000).....		3
ARTS		3
DIV		3
HUM		3
LSCI	(In program)	
MATH	(In program)	
ORAL		3
PEAC		1
SOC		3
UNST		1
WELL		1

Program Requirements

COSC 1010	Introduction to Computer Science I	4
MATH 2200	Calculus I (MATH).....	5
MATH 2205	Calculus II	5
MATH 2210	Calculus III (MATH)	5
MATH 2310	Applied Differential Equations	3
PHYS 1310	College Physics I (LSCI)	4
PHYS 1320	College Physics II	4

Program Electives

Student must choose 3 credits from the following courses:

CHEM 1020	General Chemistry I (LSCI).....	4
COSC 1030	Computer Science I.....	4
ES 2110	Statics	3
MATH 1000	Problem Solving (MATH).....	3
MATH 1100	Mathematics for Elementary School Teachers I	3
MATH 1105	Mathematics for Elementary School Teachers II	3
MATH 1400	College Algebra (MATH).....	4
MATH 1405	Trigonometry	3
MATH 2355	Math Applications for Business	4
STAT 2050	Fundamentals of Statistics.....	4

General Electives		4
Total		64

MEDICAL OFFICE ASSISTANT

Associate of Applied Science

The Associate of Applied Science degree in Medical Office Assistant is designed to prepare graduates to play a key role in medical offices and allied health care facilities. This highly specialized field requires skills in administrative office procedures, health insurance processing, billing and transcription of medical reports. The program prepares students to function as an entry-level medical front-office

assistant, medical receptionist, medical office secretary, medical billing and coding clerk or medical records clerk in a variety of health-care settings.

The general education requirements are designed to encourage students to develop critical and creative thinking, computation and communication skills, lifelong learning skills and technical skills used in a medical office setting.

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	(In program)
MATH/APPM/LSCI	(In program)
UNST/PEAC/WELL.....	1

Program Requirements	Credits
ACCT 1010 Principles of Accounting I (4 cr) OR	
ACCT 1050 Practical Accounting I (3 cr).....	3-4
ACCT 1065 Computerized Accounting: (IT)	2
BADM 1005 Business Math I (APPM)	3
BADM 1020 Business Communications (WR2)	3
BOTK 1540 Business English.....	3
BOTK 1655 Speed and Accuracy Development.....	1
BOTK 2615 Medical Law and Ethics	3
CMAP 1725* Word Processing Apps: (IT) OR	
MOUS 1725* Word Processing Apps: (IT)**.....	3
CMAP 1775 Spreadsheet Apps: OR	
MOUS 1775 Spreadsheet Apps:.....	3
CO/M 2130 Human Relations (ORAL) OR	
MGT 2130 Human Relations (ORAL).....	3
NRST 1200 Medical Terminology	3
PFDV 1500 Managing Career Development.....	3
ZOO 1200 Human Biology***	3

Program Electives

Students are required to take a minimum of 21 credits from the following Program Electives which must be approved by major academic advisor: ACCT, BADM, BOTK 2600, BOTK 2610, BOTK 2622, BOTK 2623, BOTK 2624, CMAP, CPED, IMGT, MGT, MKT, MOUS..... 21

Total 64-65

- * Students who have limited or no computer experience must take CMAP 1680 before enrolling in CMAP 1725 or MOUS 1725.
- ** CMAP/MOUS 1725 or 1775 are higher level knowledge courses; therefore the courses may be used as IT general education courses.
- *** ZOO 2015 & ZOO 2025 may be substituted for ZOO 1200.

MEDICAL BILLING AND CODING

See: Medical Office Support CERT or Medical Office Assistant AAS

MEDICAL OFFICE SUPPORT Certificate

The certificate in Medical Office Support is designed to prepare individuals who already have a strong background in office technology to acquire specialized skills in medical transcription and/or medical billing and coding. Students select one option and learn specialized skills that will be used in a hospital or medical clinic.

The general education requirements are designed to encourage students to develop computation and communication skills.

General Education Requirements

General Education Requirements	Credits
Writing Level I (WR1)	3
MATH/APPM	3
UNST	1

Program Requirements

Program Requirements	Credits
BADM 1020 Business Communications (WR2)	3
BOTK 1540 Business English.....	3
BOTK 1655 Speed and Accuracy Development.....	1
BOTK 2615 Medical Law and Ethics	3
NRST 1200 Medical Terminology.....	3
ZOO 1200 Human Biology**	3

Program Electives

Students must choose a minimum of 9 credits below and must be approved by major academic advisor:

BOTK 2622 Medical Billing & Reimbursement	3
BOTK 2623 Physician-Based Medical Coding	3
BOTK 2624 Hospital-Based Medical Coding.....	3
CMAP 1725* Word Processing Apps: (IT)	3
CMAP 1775 Spreadsheet Apps:	3
MOUS 1725* Word Processing Apps: (IT).....	3
MOUS 1775 Spreadsheet Apps:.....	3

Total 32

- * Students who have limited or no computer experience must take CMAP 1680 before enrolling in CMAP 1725 or MOUS 1725.
- ** ZOO 2015 & ZOO 2025 may be substituted for ZOO 1200.

Credential

The credential in Medical Office Support is designed to provide students with ONLY basic skills in medical transcription or medical billing/coding.

Program Requirements

Program Requirements	Credits
BOTK 1540 Business English.....	3
BOTK 2615 Medical Law and Ethics	3
NRST 1200 Medical Terminology.....	3
ZOO 1200* Human Biology	3

Program Electives

Students must choose a minimum of 6 credits below and must be approved by major academic advisor:

BOTK 2622 Medical Billing and Reimbursement	3
BOTK 2623 Physician-Based Medical Coding	3
BOTK 2624 Hospital-Based Medical Coding.....	3
CMAP 1775 Spreadsheet Apps:	3
MOUS 1775 Spreadsheet Apps:.....	3

Total 18

- * ZOO 2015 & ZOO 2025 may be substituted for ZOO 1200.

MEDICAL TRANSCRIPTIONIST

See: Medical Office Support CERT or Medical Office Assistant AAS

MICROSOFT OFFICE SPECIALIST

See: Office Specialist CRD or Office Support CERT

MUSIC

The Music Department's purpose is twofold: serve community students and serve students preparing to transfer to a university. This is accomplished through student-centered activities in performance, composition and listening. The music program and its co-curricular activities provide opportunities to prepare for professional careers in music performance and education and to participate in organized activities of a cultural and recreational nature.

Adjacent to the 942-seat theater, the music area in the CWC Arts

PROGRAMS OF STUDY

Center is equipped with a soundproof classroom, rehearsal, and practice areas. State-of-the-art equipment is available for student use: grand pianos, a fully-integrated digital and analog recording studio, computers for composition and practice activities, a MIDI piano lab, digital synthesis and a very large listening library.

The music faculty provides individualized instruction in Applied Music. Four-year colleges and universities often require transferring music students to demonstrate by examination, successful completion of fundamentals and performance standards in their major area. CWC strives to prepare music students for this special examination. In addition to the programs below, four semesters of piano study (class or private) are strongly suggested unless the student can successfully pass a piano proficiency examination.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	(In program)
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

MUSC 1030	Written Theory I	3
MUSC 1035	Aural Theory I	1
MUSC 1040	Written Theory II	3
MUSC 1045	Aural Theory II	1
MUSC 1055	Individualized Lessons (ARTS)	2
MUSC 2030	Written Theory III	3
MUSC 2035	Aural Theory III	1
MUSC 2040	Written Theory IV.....	3
MUSC 2045	Aural Theory IV.....	1
MUSC 2050	Music History Survey I (HUM)	3
MUSC 2055	Music History Survey II (HUM)	3
MUSC 2070	Individualized Lessons (ARTS)	2

Program Electives

Students must choose **4** credits from Ensemble classes listed below:

MUSC 1390	Jazz Ensemble I (ARTS).....	1
MUSC 1391	Community Jazz Ensemble.....	0.5
MUSC 1405	Touring Ensemble	2
MUSC 1410	Vocal Ensemble (ARTS).....	1
MUSC 1441	Chamber Ensemble (ARTS).....	1
MUSC 1490	Piano Ensemble (ARTS)	1

Students must choose **4** credits from Piano classes or lessons listed below:

MUSC 1050	Private Lessons (Piano) (ARTS)	1-2
MUSC 1055	Individualized Lessons (Piano) (ARTS)	1-2
MUSC 1290	Class Piano I (ARTS)	1
MUSC	Individualized Lessons (Piano) (ARTS)	1-2

Total **65**

NATIVE AMERICAN STUDIES

Courses in Native American Studies are open to all students, as partial fulfillment of general education requirements, as elective courses or as a program of study leading to the Associate of Arts Degree. The Native American Studies program strives for an academical-

ly sound evaluation of the history and cultures of the native peoples of the North American continent. Particular emphasis is placed on the tribes of the Wind River Reservation.

Central Wyoming College recognizes that the Northern Arapaho and Eastern Shoshone elders represent the wisdom of the past. Their knowledge of the tribal traditions should nurture the Indian student who seeks not only education but also wholeness through preparation for the future and respect for the past. The Native American Studies program is a tool for that preparation and an affirmation of that respect. The program also offers non-Indian students the unique opportunity to learn in the classroom about tribal cultures firsthand in the Wind River area.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	(In program)
HUM	3
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

AIST 1000	Introduction to American Indian Studies (DIV)	3
AIST 1005	Intercultural Communication (DIV) OR	
CO/M 1005	Intercultural Communication (DIV).....	3
AIST 2290	History of the U.S. Indians (DIV) OR	
HIST 2290	History of the U.S. Indians (DIV).....	3
HIST 1270	Indians of the Wind River (DIV) OR	
NAAS 1270	Indians of the Wind River (DIV)	3

Program Electives

Choose **6** credits from courses listed below.

AIST 2340	American Indian Literature* (HUM).....	3
ENGL 2340	American Indian Literature* (HUM).....	3
NAAS 1020	Perspectives in American Indian Life	3
NAAS 2350	Cultural Institute	3
NAAS 2330	Topics in Native America:	3

General Electives

Total **64**

* If AIST/ENGL 2340 is not taken, an additional HUM General Education Requirement will be required making the total credits for the program 67.

NURSING

The Associate Degree Nursing Program is designed to prepare graduates for careers as entry level registered nurses in a variety of health care settings. The curriculum provides students the opportunity to develop nursing knowledge and skills through classroom instruction, practice skills laboratories, high-fidelity simulation, and clinical experiences. Upon completion of 76 required credits, the student is awarded an associate of applied science (AAS) degree in nursing and is eligible to sit for the National Council Licensure Examination (NCLEX). The Wyoming State Board of Nursing determines eligibility to take the NCLEX and is responsible for the oversight of nursing practice and education in the state of Wyoming. Applicants must meet the general admission requirements of Central Wyoming College. Admission to the college does not guarantee admission to the nursing program; application to the program is a

separate objective process. The nursing application deadline is March 1 of each year for admission in the fall semester. Once accepted, the length of study is two years (four semesters). Students admitted to the program must have active certification as a nursing assistant (CNA) prior to the first day of class in the first semester. The required minimum total score on the Test of Essential Academic Skills (TEAS) version V must also be achieved for admission consideration. Clinical record documentation must be submitted following notification of admission and maintained current throughout enrollment in the program, including, but not limited to, criminal background check, urine drug screen, BLS certification, and specified immunizations.

Licensed practical nurses (LPNs) may be considered for advanced standing in the program dependent upon qualifications and available space. Students transferring from another nursing program are required to submit syllabi for nursing courses completed in order to determine content similarity. Students wishing an evaluation of collegiate work for transfer of credit should request official transcripts from institutions previously attended to be sent to the records office at CWC. A minimum cumulative GPA of 2.75 is required and all courses required for the degree must be completed with a grade of C or higher. Admission for all students is dependent upon available space and resources.

The nursing program is approved by the Wyoming State Board of Nursing (130 Hobbs Avenue, Cheyenne, WY 82002, 307-777-7601) and accredited by the Accreditation Commission for Education in Nursing (3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, 404-975-5000).

Associate of Applied Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	(In program)
MATH/APPM/LSCI	(In program)
PEAC/UNST/WELL.....	1

Program Requirements

BIOL 1010	General Biology I (LSCI) OR	
BIOL 1020	Life Science (LSCI) OR	
CHEM 1000	Introduction to Chemistry (LSCI).....	4
ENGL 1020	English Composition II (WR2)	3
MATH 1000	Problem Solving (MATH) OR	
MATH 1400	College Algebra (MATH).....	3-4
MOLB 2210	General Microbiology	4
NRST 1000	Fundamentals of Nursing.....	7
NRST 1110	Mental Health and Illness (IT)	2
NRST 1120	Medical-Surgical Nursing I	6
NRST 1520	Client in the Community	2
NRST 1690	Pharmacology	4
NRST 2120	Nursing Care of Parents and Children	10
NRST 2130	Medical-Surgical Nursing II.....	10
NRST 2400	Trends in Nursing Leadership	2
PSYC 1000	General Psychology (SOC)	4
ZOO 2015	Human Anatomy	4
ZOO 2025	Human Physiology.....	4
Total		76

**OFFICE SPECIALIST
Credential**

The Office Specialist credential is designed for the student who wants to keep current with changing market requirements, but already has prior computer and office skills.

Program Requirements		Credits
BOTK 1540	Business English.....	3
CMAP 1615	Operating Systems:.....	3
CMAP 1680	Microcomputer Applications (IT) OR	
IMGT 2400	Management Information Systems.....	3
CMAP 1725	Word Processing Apps:	3
CMAP 1775	Spreadsheet Applications:	3
Total		15

OFFICE SUPPORT

Certificate

The Certificate in Office Support is intended to prepare students for entry-level positions in an office where they will perform basic office functions. Students will be introduced to fundamental computer concepts and applications to assist them in their employment. The general education requirements are designed to encourage students to develop computation and communication skills.

General Education Requirements		Credits
Writing Level I (WR1)		3
MATH/APPM		3
UNST/PEAC/WELL.....		1

Program Requirements

BADM 1020	Business Communications (WR2)	3
BOTK 1655	Speed and Accuracy Development.....	1
CMAP 1615	Operating Systems:.....	3
CMAP 1680	Microcomputer Applications (IT)	3
CMAP 1725	Word Processing Application:	3
IMGT 2400	Management Information Systems	3

Program Electives

Courses selected from the following program electives must be approved by major academic advisor: ACCT, BADM, BOTK, CMAP, CPED, ENTR, MGT, MKT, MOUS

General Electives	3
Total	32

OUTDOOR EDUCATION AND LEADERSHIP

The Outdoor Education and Leadership degree program is designed for students interested in careers in outdoor education, environmental education, adventure programming, or conservation. This unique program combines wilderness expeditions and outdoor skills courses with natural history and a liberal arts curriculum. The program emphasizes leadership development and experience-based education. CWC offers a range of courses that use non-motorized travel (hiking, skiing, mountain biking and whitewater rafting) to visit and learn about remote wilderness areas in and around the Wyoming Rockies.

Students have the option to spend up to one full semester taking wilderness-based courses with the National Outdoor Leadership School (NOLS). NOLS offers these educational expeditions at remote, pristine locations in the U.S. and abroad. To receive college credit for NOLS courses, students must enroll concurrently in the appropriate corresponding course at CWC. For example, CWC students taking a NOLS semester course should be enrolled in G&R 2050, BIOL 2045, and EDUC 2050. For more information on NOLS offerings and to receive a NOLS catalog, visit www.nols.edu or call NOLS admissions at 1-800-710-6657. Students interested in taking a NOLS semester should begin with a semester at CWC before going to NOLS.

The Outdoor Education and Leadership program is designed as a four-semester program for students ready for college-level courses. Students who placed into pre-college math or English courses may require a preparatory semester before beginning the 4-semester program. Qualified sophomores spend their final two semesters in residence at our outdoor education facility, Sinks Canyon Center (SCC),

PROGRAMS OF STUDY

studying as a cohort. In the foothills of the Wind River Mountains, SCC offers unparalleled opportunities for reflective solitude, outdoor adventures, and study of the natural world.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	3
ORAL	3
PEAC	(In program)
SOC	(In program)
UNST	1
WELL	1

Program Requirements

BIOL 1080	Introduction to Environmental Science (LSCI).....	4
EDUC 1050	Leading Adventure Programs.....	3
EDUC 1055	Introduction to Outdoor Education	3
EDUC 2470	Outdoor Education Practicum	4
G&R 1150	Outdoor Recreation.....	3
HLED 2010*	Wilderness First Responder OR	
HLED 2015	Wilderness Emergency Medical Technician	4 - 9
PSYC 1000	General Psychology (SOC)	4

Students must choose **4** credits from the following list of Expedition Courses

BIOL 2045**	Natural History of Regional Ecosystems.....	1-5
EDUC 2015*	Outdoor Educator	1-5
EDUC 2045*	Outdoor Leadership Instructor.....	1-5
EDUC 2050**	Outdoor Education & Leadership.....	1-5
EQST 2655*	Wilderness Horsepacking	1-5
G&R 2020*	Mountaineering:.....	1-5
G&R 2030*	Wilderness Backpacking	1-5
G&R 2031*	Combined Expedition	1-5
G&R 2032*	Winter Expedition	1-5
G&R 2033*	Rock Climbing:.....	1-5
G&R 2034*	Water Expedition:.....	1-5
G&R 2050**	Environmental Ethics & Management	1-5

Students must choose **1** PEAC course from the following list of approved courses

PEAC 1023*	Day Hiking (PEAC).....	1
PEAC 1258*	Skiing (PEAC)	1
PEAC 1259*	Cross Country (Nordic) Skiing (PEAC)	1
PEAC 1287*	Introduction to Outdoor Rock Climbing (PEAC).....	1
PEAC 1297*	Whitewater Rafting & Rescue (PEAC).....	1
PEAC 1387	Indoor Rock Climbing (PEAC)	1
PEAC 1540*	Mountain Biking (PEAC)	1
PEAC 2018*	Emergency Water Safety/Lifeguard Trng (PEAC)	1
PEAC 2025*	Wilderness Navigation (PEAC)	1
PEAC 2058*	Backcountry Skiing & Snowboarding (PEAC)	1

Program Electives

Students must choose **8** credits from the following list of approved courses:

AIST 1000	Introduction to American Indian Studies (DIV)	3
AIST 1005	Intercultural Communication (DIV).....	3
AIST 2290	History of the U.S. Indians (DIV).....	3
ANTH 1300	Introduction to Archaeology (SOC)	3
ANTH 2022	Petroglyphs & Primitive Art (HUM)	3
ART 2022	Petroglyphs & Primitive Art (HUM).....	3

ART 2145	Digital Photography (ARTS)	3
ASTR 1050	Survey of Astronomy (LSCI)	4
ASTR 1070	The Earth: Its Physical Environment (LSCI).....	4
ATSC 2000	Introduction to Meteorology (LSCI)	4
BIOL 2002	Global Ecology	3
BIOL 1010	General Biology I (LSCI)	4
BIOL 1020	Life Science (LSCI)	4
BIOL 2045**	Natural History of Regional Ecosystems.....	1-5
CO/M 1005	Intercultural Communication (DIV).....	3
CO/M 1050	Conflict Management & Mediation	3
CO/M 2130	Human Relations (ORAL).....	3
CNSL 1310	Personal Growth Group.....	1
CNSL 2300	Counseling for Helping Professionals.....	3
CNSL 2310	Introduction to Group Counseling.....	3
CNSL 2320	Addictions Assessment	3
CNSL 2330	Counseling Diverse Populations	3
CNSL 2340	Theories of Counseling	3
EDFD 2020	Foundations of Education	3
EDFD 2450	Human Life Span Development.....	3
EDUC 2015*	Outdoor Educator	1-5
EDUC 2045*	Outdoor Leadership Instructor.....	1-5
EDUC 2050**	Outdoor Education & Leadership.....	1-5
EQST 2655*	Wilderness Horsepacking	1-5
G&R 1080	Intro to Mapping/GIS/GPS.....	3
G&R 1090*	Avalanche Level 1: Decision Making in Avalanche Terrain.....	1
G&R 2020*	Mountaineering:.....	1-5
G&R 2030*	Wilderness Backpacking	1-5
G&R 2031*	Combined Expedition	1-5
G&R 2032*	Winter Expedition	1-5
G&R 2033*	Rock Climbing:.....	1-5
G&R 2034*	Water Expedition:.....	1-5
G&R 2035*	River Rescue Certification.....	1
G&R 2050**	Environmental Ethics & Management	1-5
G&R 2090*	Avalanche Level 2: Analyzing Snow Stability and Avalanche Hazard.....	2
GEOL 1070	The Earth: Its Physical Environment (LSCI).....	4
GEOL 1100	Physical Geology (LSCI).....	4
GEOL 1200	Historical Geology (LSCI).....	4
GEOL 1240	Geology of the Yellowstone-Teton Region	1
GEOL 1470	Environmental Geology (LSCI).....	4
GEOL 2200	Geologic Field Excursion.....	1-3
HIST 1270	Indians of the Wind River (DIV)	3
HIST 2290	History of the U.S. Indians (DIV).....	3
HLED 2015	Wilderness EMT	9
NAAS 1270	Indians of the Wind River (DIV)	3
PSYC 1250	Human Potential Seminar	1
PSYC 2210	Drugs and Behavior	3
PSYC 2355	Applied Behavioral Analysis	3
PSYC 2420	Contemporary Issues in Educational Psychology .2-3	
ZOO 1200	Human Biology	3
ZOO 2015	Human Anatomy	4
Total		64

* Field-based, off-campus course

** G&R 2050, BIOL 2045, EDST 2050 together constitute the National Outdoor Leadership School (NOLS) semester course and must be taken concurrently. In addition HLED may be taken concurrently for select NOLS semesters.

OUTDOOR RECREATION

This program offers students a business/entrepreneurial perspective of the outdoor recreation service industry that includes learning, training, and assessment of leadership and program management skills along with an understanding of human behavior and development.

Upon completion of this program, students will:

1. Follow basic business practices.
2. Apply elements of human development and psychology to outdoor recreation program settings.
3. Evaluate and promote leadership styles and group dynamics.
4. Demonstrate intermediate to advanced skill sets in a specific area of interest within outdoor recreation.
5. Effectively manage physical and psychological risks associated with a variety of outdoor activities.

Students have the option to spend up to 1 full semester taking wilderness-based courses with the National Outdoor Leadership School (NOLS). NOLS offers these educational expeditions at remote, pristine locations in the U.S. and abroad. To receive college credit for NOLS courses, students must enroll concurrently in the appropriate corresponding courses at CWC. For example, CWC students taking a NOLS semester course should be enrolled in G&R 2050, BIOL 2045, and EDUC 2050. For more information on NOLS offerings and to receive a NOLS catalog, visit www.nols.edu or call NOLS admissions at 1-800-710-6657. Students interested in taking a NOLS semester should begin with a semester at CWC before going to NOLS.

Qualified sophomores spend their final two semesters in residence at our outdoor education facility, Sinks Canyon Center (SCC), studying as a cohort. In the foothills of the Wind River Mountains, SCC offers unparalleled opportunities for reflective solitude, outdoor adventures, and study of the natural world.

The Outdoor Recreation program is especially appropriate for students wishing to start their own outdoor-related small business or seeking careers in parks, recreation and tourism. This program is not designed for students planning to transfer to a four-year institution for a bachelor's degree.

Associate of Applied Science Degree

General Education Requirements Credits

Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
MATH or LSCI	(In program)
ARTS/DIV/HUM/IT/WR2	2
ORAL	(In program)
SOC	(In program)
UNST/PEAC/WELL.....	1

Program Requirements

ACCT 1010 Principles of Accounting I	3
BIOL 1080 Introduction to Environmental Science (LSCI).....	4
CO/M 1030 Interpersonal Communication (ORAL)	3
EDUC 1050 Leading Adventure Programs.....	3
EDUC 2470 Outdoor Education Practicum	4
ENTR 1505 Entrepreneurship 1: Mindset	3
G&R 1150 Outdoor Recreation.....	3
HLED 2010 Wilderness First Responder OR	
HLED 2015 Wilderness EMT	4 - 9
PSYC 1000 General Psychology (SOC)	4

Program Electives

Students must choose **21** credits from the following list of approved electives:

AIST 1000 Introduction to American Indian Studies (DIV)	3
ANTH 1100 Introduction to Physical Anthropology (SOC)	3
ASTR 1050 Survey of Astronomy (LSCI)	4

BIOL 2045**	Natural History of Regional Ecosystems.....	1-5
EDFD 2450	Human Life Span Development.....	3
EDUC 2045	Outdoor Leadership Instructor.....	1-5
EDUC 2050**	Outdoor Education and Leadership.....	1-5
EDUC 2470	Outdoor Education Practicum	4
EQST 2655*	Wilderness Horsepacking	1-5
G&R 1010	Introduction to Physical Geography	3
G&R 1080	Intro to Mapping/GIS/GPS.....	3
G&R 1090*	Avalanche Level 1: Decision Making in Avalanche Terrain.....	1
G&R 2020*	Mountaineering.....	1-5
G&R 2030*	Wilderness Backpacking	1-5
G&R 2031*	Combined Expedition	1-5
G&R 2032*	Winter Expedition	1-5
G&R 2033*	Rock Climbing.....	1-5
G&R 2034*	Water Expedition.....	1-5
G&R 2035*	River Rescue Certification.....	1
G&R 2050**	Environmental Ethics & Management	1-5
G&R 2090*	Avalanche Level 2: Analyzing Snow Stability and Avalanche Hazard.....	2
HLED 2015	Wilderness EMT	9
PEAC 1023*	Day Hiking (PEAC).....	1
PEAC 1258*	Skiing (Downhill) (PEAC).....	1
PEAC 1259*	Cross Country Skiing (PEAC)	1
PEAC 1282*	Introduction to Mountaineering (PEAC).....	2
PEAC 1287*	Introduction to Outdoor Rock Climbing (PEAC).....	1
PEAC 1297*	Whitewater Rafting & Rescue (PEAC).....	1
PEAC 1301*	Introduction to Backpacking (PEAC)	1
PEAC 1387	Indoor Rock Climbing (PEAC)	1
PEAC 1540*	Mountain Biking (PEAC)	1
PEAC 2018*	Emergency Water Safety/Lifeguard Training (PEAC).....	1
PEAC 2025*	Wilderness Navigation (PEAC)	1
PEAC 2058*	Backcountry Skiing & Snowboarding (PEAC)	1

General Electives	3
Total	64

* Field-based, off-campus course

** BIOL 2045, EDUC 2050 and G&R 2050 together constitute the National Outdoor Leadership School (NOLS) semester course and must be taken concurrently. In addition HLED 2010 may be taken concurrently for select NOLS semesters.

PHYSICAL SCIENCE

The program in Physical Science allows the student the flexibility to gain a broad exposure to topics in physical science. This degree is designed for transfer to the University of Wyoming or other four-year institutions granting degrees in specific areas of physical science such as physics or chemistry.

Associate of Science Degree

General Education Requirements Credits

Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	(In program)
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

PROGRAMS OF STUDY

Program Requirements

CHEM 1020	General Chemistry I (LSCI)	4
CHEM 1030	General Chemistry II	4
MATH 1400	College Algebra (MATH)	4
MATH 1405	Trigonometry	3
MATH 2200	Calculus I (MATH)	5
PHYS 1310	College Physics I (LSCI)	4
PHYS 1320	College Physics II	4

Program Electives

Student must choose **9** credits from the following courses:

ASTR 1050	Survey of Astronomy (LSCI)	4
COSC 1000	Computer Programming I	3
COSC 1010	Introduction to Computer Science I	3
COSC 1200	Computer Information Systems	3
GEOL 1100	Physical Geology (LSCI)	4
MATH 2205	Calculus II	5
MATH 2210	Calculus III	5
Total		64

PRE-DENTISTRY

See: Pre-Health Professional

PRE-ENGINEERING

The Pre-Engineering program allows the student interested in pursuing any of the fields of engineering, civil, mechanical, electrical, environmental, chemical, or geotechnical to gain the basic skills of engineering while allowing some degree of specialization. This degree is designed for transfer to the University of Wyoming or other four-year institutions granting degrees in specific areas of engineering.

Associate of Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000)	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	(In program)
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

CHEM 1020	General Chemistry I (LSCI)	4
ES 1000	Introduction to Engineering	1
ES 2110	Statics	3
MATH 2200	Calculus I (MATH)	5
MATH 2205	Calculus II	5
MATH 2210	Calculus III	5
PHYS 1310	College Physics I (LSCI)	4
PHYS 1320	College Physics II	4

Program Electives

Student must choose **6** credits from the following courses:

CHEM 1030	General Chemistry II	4
COSC 1010	Introduction to Computer Science I	4
EHS 1500	Construction and General Industry Safety	3
EHS 1520	Hazardous Waste Operations and Emergency Response	3

GEOL 1100	Physical Geology (LSCI)	4
IMGT 2400	Introduction to Information Management	3
MATH 1400	College Algebra (MATH)	4
MATH 1405	Trigonometry	3
MATH 2310	Applied Differential Equations	3
Total		64

PRE-HEALTH PROFESSIONAL

Students seeking to pursue a professional degree in health science, such as medicine, chiropractic, physical therapy, veterinary medicine, dentistry, optometry or pharmacy, will find that the program for the Pre-Health Professional will fulfill the necessary requirements to transfer to the University of Wyoming or other four-year institutions of their choice. Students should contact the school they plan to attend to assure that they are taking the correct prerequisites.

Associate of Science Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000)	3
ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	(In program)
ORAL	3
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

BIOL 1010	General Biology I (LSCI)	4
BIOL 2020	General Biology II	4
CHEM 1020	General Chemistry I (LSCI)	4
CHEM 1030	General Chemistry II	4
CHEM 2320	Organic Chemistry I	4
MATH 1400	College Algebra (MATH)	4
PSYC 1000	General Psychology (SOC)	4

Program Electives

Student must choose **12** credits from the following courses:

CHEM 1021	Chemical Problem Solving I	1
CHEM 1031	Chemical Problem Solving II	1
CHEM 2340	Organic Chemistry II	4
MATH 1405	Trigonometry	3
MATH 2200	Calculus I (MATH)	5
MATH 2205	Calculus II	5
MOLB 2210	General Microbiology	4
PHYS 1110	General Physics I (LSCI) OR	
PHYS 1310	College Physics I (LSCI)	4
PHYS 1120	General Physics II OR	
PHYS 1320	College Physics II	4
STAT 2050	Fundamentals of Statistics	4
ZOO 2015	Human Anatomy	4
ZOO 2025	Human Physiology	4
Total		64

PRE-LEGAL STUDIES

This program is designed to provide a background useful in the study and practice of law. College study prepares the student for law school by developing English comprehension and usage; understanding of political economics and social and cultural institutions; and

the ability to think logically and creatively. The choice of program of study should be determined by the student's academic interests and professional objectives in law. Subjects providing a useful background for the study or practice of law include economics, sociology, English, history, philosophy, political science, psychology, accounting, and business administration.

A student must usually have a Bachelor of Arts or a Bachelor of Science degree before beginning the professional study of law. There are no restrictions on the field in which the degree is earned.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	(In program)
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	3
HUM	3
LSCI	4
MATH	3
ORAL	(In program)
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

BADM 2020 Business Law II	3
CO/M 1030 Interpersonal Communication (ORAL)	3
CRMJ 2100 Politics and Judicial Process	3
CRMJ 2120 Introduction to Criminal Justice.....	3
CRMJ 2140 Criminal Legal Procedures.....	3
CRMJ 2210 Criminal Law.....	3
CRMJ 2230 Law of Evidence	3
ECON 1010 Macroeconomics (SOC)	3
ENGL 1020 English Composition II (WR2)	3
MGT 1040 Business Law I	3
SOC 1000 Sociological Principles (SOC).....	3

Program Electives

HIST 1210 U.S. History I OR	
HIST 1220 U.S. History II	3

General Electives	3
Total	64

PRE-MEDICINE

See: Pre-Health Professional

PRE-PHARMACY

See: Pre-Health Professional

PRE-VETERINARY

SEE: BIOLOGICAL SCIENCE

PSYCHOLOGY

The purpose of this transfer curriculum is to enable students to gain an understanding of human behavior and of individual relationships. A wide variety of opportunities are available in business and industry, social work or education, although some of these require graduate study in the field.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3

ARTS	3
DIV	3
HUM	3
LSCI	(In program)
MATH	3
ORAL	3
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

BIOL 1010 General Biology I (LSCI)	4
PSYC 1000 General Psychology (SOC)	4
PSYC 2000 Research Psychological Methods	4
PSYC 2XXX Any additional 2000-level PSYC courses.....	9
STAT 2050 Fundamentals of Statistics OR	
STAT 2070 Introductory Statistics for the Social Sciences (Recommended)	4

Program Electives

Student must choose 8 credits from the following courses:

ANTH 1100 Introduction to Physical Anthropology (SOC)	3
ANTH 1200 Introduction to Cultural Anthropology (SOC)	3
CNSL 2300 Counseling for Helping Professions	3
CNSL 2330 Counseling Diverse Populations	3
HMSV 2130 Understanding the Addiction Process	3
PSYC 1015 Psychology of Sexuality	1
PSYC 1025 Test Your Personality	1
PSYC 1070 Day in the Life of Your Brain	1
PSYC 1080 Your Brain on Music.....	1
PSYC 1090 Domestic Animal Psychology.....	1
PSYC 1205 The Psychology of Morality.....	1
PSYC 1210 Consciousness & Altered States	1
PSYC 1380 The Psychology of Death	1
PSYC 2080 Biological Psychology.....	3
PSYC 2100 Psychology of Personality.....	3
PSYC 2210 Drugs & Behavior	3
PSYC 2300 Developmental Psychology.....	3
PSYC 2325 Marriage & Family	3
PSYC 2340 Introduction to Abnormal Psychology	3
PSYC 2380 Social Psychology II/I.....	3
SOC 1000 Sociological Principles (SOC).....	3

General Electives	4
Total	64

RADIO, TV, FILM, OR COMMUNICATION

The Associate of Applied Science degree in Radio, TV, Film, or Communication is designed to prepare students for entry level positions in the broadcast, TV, film and communication industry.

The general education requirements are designed to encourage students to develop critical and creative thinking, communication, and technical skills utilized in the audio, TV, film, and communication industry. The program requirement is designed to introduce students to communication through the channels of mass media and provide students with the prerequisite coursework required to successfully complete one or more of the following program emphases: 1) Radio 2) TV 3) Film 4) Communication.

Students must complete the general education, program requirements, and choose at least one of the program emphases to complete the two-year degree. A student who chooses to complete two or more of the program emphases will earn a degree in each area which will be listed separately on the student's transcript.

PROGRAMS OF STUDY

Radio

The radio program is designed to prepare students for a career in broadcasting by emphasizing radio on-air delivery, scripting commercials and news broadcast. Students have a unique opportunity to gain expertise and assess their progress in radio by assuming production/announcing responsibilities at KCWC-FM (88.1).

An individual choosing a career in the broadcast industry must display technical expertise in radio automation, radio production, sound mixing, and radio on-air delivery.

TV

The TV program is designed to prepare students for a career in TV production mastering television preproduction, production and post-production skills. Students also have a one-of-a kind opportunity to gain expertise and assess their progress by crewing live television productions through Wyoming PBS.

An individual choosing a career in television production must display technical expertise in television camera operations, directing, producing, and nonlinear editing.

Film

The film program is designed to prepare students for a career in the filmmaking industry. Students are introduced to the art of screenwriting, directing, editing, and mastering filmmaking preproduction, production and postproduction skills.

An individual choosing a career in filmmaking production must display technical expertise in television camera operations, directing, producing, and nonlinear editing.

Communication

The communication program is designed to prepare students for employment within the communication industry. Some sample careers are Communication Consultant, Public Relations Specialist, or a Media Correspondent.

The specific courses required in the Communication program are designed to prepare students to apply theory, and case studies to provide consultation and guidance to small businesses on matters relating to employee and management communication. Skills will include the ability to develop, coordinate and implement communication techniques to facilitate team building, problem identification and problem solving. In addition, students will be able to implement a basic public relations campaign through learning basic public relations skills, as well as the legal and ethical aspects of running a campaign. Finally, students will explore the aspects of news writing, advanced interviewing techniques and digital photography, which will broaden their career possibilities.

Employers who took part in the National Association of Colleges and Employers Job Outlook 2010 survey, ranked communication skills as the top of the skills they seek in potential employees.

Associate of Applied Science Degree

General Education Requirements

Credits

Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
ARTS/DIV/HUM/IT/SOC	3
ORAL	(In program)
MATH/APPM/LSCI	3
PEAC/UNST/WELL.....	1
Writing Level II (WR2)	(In program)

Program Requirements

BADM 1020	Business Communications (WR2) OR	
ENGL 1020	English Composition II (WR2)	3
CO/M 1000	Intro to Mass Media	3
CO/M 1010	Public Speaking (ORAL)	3



CO/M 1030	Interpersonal Communication (ORAL)	3
CO/M 2000	Introduction to Radio Broadcasting	3
CO/M 2170	Broadcast Writing	3
CO/M 2457	Film Production I	3
PFDV 1500	Managing Career Development.....	3

Emphasis Requirements

Radio

CO/M 2022	Radio Production.....	3
CO/M 2260	Interviewing	3
CO/M 2451	Broadcast Speech and Performance	3
CO/M 2462	Advanced Reporting	3
CO/M 2970	Radio Practicum	3
CO/M 2970	Radio Practicum	3
CO/M 2970	Radio Practicum	3
CO/M 2971	Advanced Media and Marketing.....	3

Total Radio Emphasis..... 24

General Electives 3

Total Radio Program 64

TV

CO/M 2235	Television Operations I.....	4
CO/M 2260	Interviewing	3
CO/M 2455	Contemporary Camera Techniques.....	3
CO/M 2456	Editing.....	3
CO/M 2462	Advanced Reporting	3
CO/M 2465	Documentary I.....	3
CO/M 2280	Documentary II.....	3
EHS 1510	10 Hour General Industry Safety	0.5
THEA 2230	Introduction to Stage Lighting.....	3

Total TV Emphasis 25.5

General Electives 3

Total TV Program 65.5

Film

CO/M 2055	Introduction to Film Production.....	3
CO/M 2175	Film Screenwriting	3
CO/M 2195	Cinematography	3
CO/M 2456	Editing.....	3
CO/M 2458	Film Production II	4
CO/M 2461	Directing for Film	3
CO/M 2463	Film Screenwriting II	3
CO/M 2465	Documentary I.....	3
EHS 1510	10 Hour General Industry Safety	0.5
Total Film Emphasis		25.5
General Electives		3
Total Film Program		65.5

Communication

ART 2145	Digital Photography (ARTS)	3
CO/M 1050	Conflict Management and Mediation	3
CO/M 2100	Reporting and News writing (WR2)	3
CO/M 2110	Non-verbal Communication.....	3
CO/M 2130	Human Relations (ORAL) OR	
MGT 2130	Human Relations (ORAL)	3
CO/M 2135	Gender and Communication	3
CO/M 2260	Interviewing	3
CO/M 2270	Public Relations	3
MGT 2110	Business Ethics	3
Total Communication Emphasis.....		27
Total Communication Program		64

RAIL CAR REPAIR

Through a coordinated effort, the CWC Customized Training Department and the Commerce, Allied Health and Technology Division are offering a Rail Car Repair Credential. This credential is offered to students with minimum welding experience who are interested in the rail car repair industry. Because of specialized technical instruction required for this credential, this program is offered upon industry demand and/or sufficient student demand.

This program is designed to be delivered through an eight-week block format in which students are required to attend class a minimum of seven hours per day.

A student enrolling in this program must possess the ability to lift and handle up to 75 pounds of weight without assistance, pass drug-screening tests, possess the ability to work in a confined space (not claustrophobic), exhibit strong communication and teamwork skills, and follow written and verbal procedures.

Students who are interested in this program may contact the CWC Customized Training Department for further information.

Credential		Credits
Program Requirements		
RRTK 1510	Rail Car Repair	12
Total		12

RESOURCE MANAGEMENT

See: Biological Science

SOCIAL SCIENCE

The social science core curriculum is designed as a two-year transfer program for individuals interested in pursuing four-year degrees in anthropology, history, political science and sociology. Pre-law students are also well advised to consider this program since it offers a diversity of coursework in the norms and culture of society which constitute the legal judicial system in which we live. In addition, the

social science core offers an excellent set of prerequisite courses for the student interested in social work.

Upon consultation with an academic advisor, a program may be tailored to meet the specific goals of the social science student.

Associate of Arts Degree

General Education Requirements		Credits
Writing Level I (WR1)		3
Writing Level II (WR2)		3
American & Wyoming Government (POLS 1000).....		3
ARTS		3
DIV	(In program)	
HUM		3
LSCI		4
MATH		3
ORAL		3
PEAC		1
SOC	(In program)	
UNST		1
WELL		1

Program Requirements

ECON 1010	Macroeconomics (SOC)	3
G&R 1020	Introduction to Human Geography (DIV)	3
PSYC 1000	General Psychology (SOC)	4
SOC 1000	Sociological Principles (SOC)	3

Program Electives

HIST XXXX	Any History Course.....	3
Student must choose 12 additional credits from the following departments:		
ANTH, POLS, HIST, PSYC, or SOC.....		12
General Electives		8
Total		64

SOFTWARE SUPPORT SPECIALIST

The Associate of Applied Science in Software Support Specialist degree is designed for students who wish to prepare for positions as Help Desk Technician, Technical Support Specialist and Customer Service Representative. Software support specialists provide technical assistance and support for computer users.

The general education requirements are designed to encourage students to develop skills such as critical and creative thinking, computation and communication, lifelong learning and technical skills, all of which are highly desirable in this career.

Associate of Applied Science Degree

General Education Requirements		Credits
Writing Level I (WR1)		3
American & Wyoming Government (POLS 1000).....		3
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	(In program)	
MATH/APPM/LSCI		3
PEAC/UNST/WELL.....		1

Program Requirements

BADM 1020	Business Communications (WR2)	3
CMA 1615	Operating Systems:.....	3
CMA 1650	Introduction to Networking	3
CMA 1725*	Word Processing Apps: (IT)**	3
CMA 1775	Spreadsheet Applications:	3
CMA 1815	Database Applications.....	3
CMA 1920	Hardware Maintenance.....	4
CPED 1000	Cooperative Work Experience I:	3
CSEC 1500	Computer Network Security +	3
ENR 1505	Entrepreneurship I: Entrepreneurial Mindset.....	3

PROGRAMS OF STUDY

MGT 2130	Human Relations (ORAL) OR	
CO/M 2130	Human Relations (ORAL)	3
PFDV 1500	Managing Career Development.....	3

Program Electives

Courses selected from following program electives must be approved by major academic advisor:

ACCT, BADM, BOTK, CMAP, COSC, CPED, ENTR	
IMGT, MGT, MSFT, MKT	17
Total	64

* Students who have limited or no computer experience must take CMAP 1680 before enrolling in CMAP 1725 or MOUS 1725.

TECHNICAL STUDIES

The Associate of Applied Science degree in Technical Studies is designed to meet dual purposes. First, it will offer students the opportunity to pursue a Bachelor of Applied Science offered at four-year institutions, including the University of Wyoming. Second, the degree will allow students to combine two technical degrees in order to be more competitive in the job market and meet the requirements of employers.

The general education requirements are designed to encourage students to develop critical and creative thinking, communication, self-directed learning, and technological literacy. The general education courses meet the basic requirements for transfer to the University of Wyoming for those students interested in the Bachelor of Applied Science.

This program combines certificates or emphasis in specific disciplines to meet employer needs for unique skill combinations for which there is no established degree program. Employers reviewing transcripts will be able to quickly determine the combined areas of expertise as the degrees will be recorded as in the following examples:

- Technical Studies: Agriculture-Welding
- Technical Studies: Criminal Justice-Equine
- Technical Studies: Entrepreneurship-Graphic Art
- Technical Studies: Computer Technology-Medical Office

Students awarded a stand-alone certificate from Central Wyoming College may transition to the Technical Studies AAS degree by selecting additional technical skill courses, in consultation with a faculty advisor and upon approval of the academic dean.

A total of 64 credits are required in the Technical Studies AAS degree. Nineteen credits are required in the general education component, 39 credits are required in the technical studies component of which a three credit, PFDV 1500 Managing Career Development, is required and a minimum of 20 credits is focused in one ¹technical discipline, and the remainder 16 credits are selected from ²supporting technical courses. Students may complete up to six credits in general electives. The advisor and the academic dean must approve courses that count towards degree attainment.

Students are required to meet with an assigned faculty advisor who will assist the student in developing a written plan of study. Current and/or potential employers may be involved in developing the plan of study. The written plan of study is signed by the student and the faculty advisor, and then submitted to the appropriate Academic Dean for final approval. The Dean will submit the written plan of study to the Registrar to formalize the degree requirements within the degree audit system.

¹ The following courses may NOT be used to satisfy the Technical Studies Component: EQST 1725, 1730, 1740, 1750, 2740, 2750, 2760, 2770, and unless PEAC courses are identified as discipline specific courses, all PEAC and PEAT prefixes.

² The following courses may NOT be used to satisfy the Technical

Studies Component: EQST 1725, 1730, 1740, 1750, 2740, 2750, 2760, 2770 and all PEAC and all PEAT prefixes.

Associate of Applied Science Degree

General Education Requirements

	Credits
Writing Level I (WR1)	3
American & Wyoming Government (POLS 1000).....	3
MATH/APPM or LSCI	3
Students must complete 9 credits of general education courses distributed over 3 different general education areas, one of which is either WR2 or ORAL.	
ART/DIV/HUM/IT/ORAL/SOC/WR2	9
UNST/PEAC/WELL.....	1

Program Requirements

PFDV 1500 Managing Career Development.....	3
¹ Discipline Specific Technical Courses.....	20
² Other Technical Courses	16
General Electives	6

Total **64**

¹ The following courses may NOT be used to satisfy the Technical Studies Component: EQST 1725, 1730, 1740, 1750, 2740, 2750, 2760, 2770, and unless PEAC courses are identified as discipline specific courses, all PEAC and PEAT prefixes.

² The courses may NOT be used to satisfy the Technical Studies Component: EQST 1725, 1730, 1740, 1750, 2740, 2750, 2760, 2770 and all PEAC and all PEAT prefixes.

Certificate

The Certificate in Technical Studies is designed to offer students the opportunity to meet their unique interests, needs, goals, and employer interests.

The general education requirements are designed for students to develop their language arts/communication and computational (mathematical) skills.

The certificate program allows the student to identify an emphasis in specific disciplines for meeting employer needs for unique skill combinations for which there is no established degree program.

A total of 30 credits are required in the Technical Studies Certificate degree. Seven credits are required in the general education component, 23 credits are required in the technical studies component of which a three credit, WR2 or ORAL, is required, and a minimum of 12 credits is focused in one ¹technical discipline, and the remaining eight credits are selected from ²supporting technical courses.

This certificate combines courses in specific disciplines or emphasis to meet employer needs for unique skill combinations for which there is no established certificate program. Employers reviewing transcripts will be able to quickly determine the combined areas of expertise as the certificates will be recorded as in the following examples:

- Technical Studies: Agriculture-Welding
- Technical Studies: Criminal Justice-Equine
- Technical Studies: Entrepreneurship-Graphic Art
- Technical Studies: Computer Technology-Medical Office

Students are required to meet with an assigned faculty academic advisor who will assist the student in developing a written plan of study. Current and/or potential employers may be involved in developing the plan of study. The written plan of study is signed by the student and the faculty advisor, and then submitted to the appropriate Academic Dean for final approval. The Dean will submit the written plan of study to the Registrar in order to finalize the degree requirements within the degree audit system.

¹ The following courses may NOT be used to satisfy the Technical Studies Component: EQST 1725, 1730, 1740, 1750, 2740, 2750,

2760, 2770, and unless PEAC courses are identified as discipline specific courses, all PEAC and PEAT prefixes.

² The following courses may NOT be used to satisfy the Technical Studies Component: EQST 1725, 1730, 1740, 1750, 2740, 2750, 2760, 2770 and all PEAC and all PEAT prefixes.

Certificate

General Education Requirements	Credits
Writing Level I (WR1)	3
MATH/APPM.....	3
UNST	1

Program Requirements

WR2 or ORAL	3
¹ Discipline Specific Technical Courses.....	12
² Other Technical Courses	8

Total **30**

¹ The following courses may NOT be used to satisfy the Technical Studies Component: EQST 1725, 1730, 1740, 1750, 2740, 2750, 2760, 2770, and unless PEAC courses are identified as discipline specific courses, all PEAC and PEAT prefixes.

² The following courses may NOT be used to satisfy the Technical Studies Component: EQST 1725, 1730, 1740, 1750, 2740, 2750, 2760, 2770 and all PEAC and all PEAT prefixes.

THEATER GENERAL

This program offers students opportunities to explore various aspects of acting and technical theater within the context of a liberal education. The department stresses that it is not a professional training school; it does, however, provide experiences in many areas of production and prepares students for upper level undergraduate, professional or apprenticeship training.

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	(In program)
DIV	3
HUM	(In program)
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

EHS 1510	OSHA 10-hour General Industry Safety.....	0.5
THEA 1100	Acting I (ARTS).....	3
THEA 1200	Introduction to Stage Design	3
THEA 2010	Theatrical Backgrounds Drama I (HUM)	3
THEA 2020	Theatrical Backgrounds Drama II (HUM)	3
THEA 2141	Professional Practices in Theatre	1
THEA 2220	Stagecraft.....	3
THEA 2230	Introduction to Stage Lighting.....	3

Program Electives

Student must choose **8** credits from the following courses:

THEA 1015	Scene Painting I.....	3
THEA 2100	Acting II	3
THEA 2135	Voice and Diction	1
THEA 2145	Introduction to Theatrical Costuming	3
THEA 2150	Drafting for Design	3

THEA 2160	Stage Makeup	3
THEA 2310	Auditioning	1
THEA 2470	Directing Practicum	1
Student must choose 3 credits from the following courses:		
THEA 1040	Production Crew I.....	0.5
THEA 2040	Production Crew II.....	0.5
THEA 2050	Theatre Practice	1
THEA 2055	Rehearsal and Performance	1

General Electives 5.5
Total **64**

THEATER-ACTING EMPHASIS

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	(In program)
DIV	3
HUM	(In program)
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

Program Requirements

EHS 1510	OSHA 10-hour General Industry Safety.....	0.5
THEA 1100	Acting I (ARTS).....	3
THEA 1200	Introduction to Stage Design	3
THEA 2010	Theatrical Backgrounds Drama I (HUM)	3
THEA 2020	Theatrical Backgrounds Drama II (HUM)	3
THEA 2055	Rehearsal and Performance	3
THEA 2100	Acting II	3
THEA 2135	Voice and Diction	1
THEA 2141	Professional Practices in Theater	1
THEA 2160	Stage Makeup	3
THEA 2220	Stagecraft.....	3
THEA 2230	Introduction to Stage Lighting.....	3
THEA 2310	Auditioning	1
THEA 2470	Directing Practicum	1

Program Electives

Students must choose **2** credits from the following courses:

MUSC 1050	Private Lessons Voice (ARTS)	2
MUSC 1055	Individualized Lessons Voice (ARTS)	2
MUSC 1400	Collegiate Chorale (ARTS)	2
MUSC 2070	Individualized Lessons Voice (ARTS)	2

General Electives 2.5
Total **64**

THEATER – TECHNICAL EMPHASIS

Associate of Arts Degree

General Education Requirements	Credits
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	(In program)
DIV	3
HUM	(In program)
LSCI	4
MATH	3

PROGRAMS OF STUDY

ORAL	.....	3
PEAC	.....	1
SOC	.....	3
UNST	.....	1
WELL	.....	1

Program Requirements

EHS 1510	OSHA 10-hour General Industry Safety.....	0.5
MUSC 1020	Music Technology I.....	3
THEA 1015	Scene Painting I.....	3
THEA 1040	Production Crew I.....	0.5
THEA 1100	Acting I (ARTS).....	3
THEA 1200	Introduction to Stage Design.....	3
THEA 2010	Theatrical Backgrounds Drama I (HUM).....	3
THEA 2020	Theatrical Backgrounds Drama II (HUM).....	3
THEA 2050	Theatre Practice.....	1
THEA 2141	Professional Practices in Theater.....	1
THEA 2150	Drafting for Design.....	3
THEA 2220	Stagecraft.....	3
THEA 2230	Introduction to Stage Lighting.....	3

General Electives	.....	6
Total		64

WELDING

The welding program is designed to provide students with entry-level skills and knowledge needed in today's welding industry. To be successful in the welding industry, a person must be able to adapt to work styles that require dependability, attention to detail, safety-consciousness, self-control, adaptability / flexibility, initiative, and cooperation.

The program combines hands-on welding experiences with classroom instruction in commonly used welding processes. Safety is emphasized in all areas of the welding program.

The AAS degree requires students to complete 64 credits of coursework and features a complete welding curriculum, as well as general education courses that are designed to encourage students to develop critical and creative thinking, computation and communication skills, lifelong learning skills, and technical skills used in welding. Additionally, the AAS offers courses in metallurgy and weld inspection to build depth of understanding in the welding field. Hands-on welding performance is required to complete the AAS degree.

Associate of Applied Science Degree

General Education Requirements Credits

Writing Level I (WR1)	.....	3
American & Wyoming Government (POLS 1000)	.....	3
ARTS/DIV/HUM/IT/ORAL/SOC/WR2	.....	9
(Must come from three categories, one of which must be either ORAL or WR2)		
MATH/APPM/LSCI	..... (In program)	
PEAC/UNST/WELL	.....	1

Program Requirements

MATH 1500	Applied Math (APPM).....	3
PFDV 1500	Managing Career Development.....	3
WELD 1500	Welding Fundamentals.....	2
WELD 1550	Occupational Safety and Health.....	2
WELD 1650	Print Reading and Welding Symbols.....	3
WELD 1700	General Welding.....	4
WELD 1760	Advanced Shield Metal Arc Welding (SMAW).....	4
WELD 1770	Gas Metal Arc Welding (GMAW) -Flux Core Arc Welding (FCAW).....	4
WELD 1780	Gas Tungsten Arc Welding on Plate (GTAW).....	3
WELD 1860	Welding Fabrication.....	3
WELD 2510	Pipe Welding 1.....	4

WELD 2650	GTAW Pipe.....	4
WELD 2670	Welding Inspection Technology.....	3
WELD 2680	Welding Metallurgy.....	3
General Electives	.....	3
Total		64

Certificate

The welding program is designed to provide students with entry-level skills and knowledge needed in today's welding industry. To be successful in the welding industry, a person must be able to adapt to work styles that require dependability, attention to detail, safety-consciousness, self-control, adaptability / flexibility, initiative, and cooperation.

The program combines hands-on welding experiences with classroom instruction in commonly used welding processes. Safety is emphasized in all areas of the welding program.

The certificate program requires students to complete 31 credits of coursework and features a concentrated welding curriculum with emphasis on Oxy-Fuel, SMAW, GMAW, GTAW, and basic pipe welding. Math and English are also included in this program of study.

General Education Requirements Credits

Writing Level I (WR1)	.....	3
UNST	.....	1
MATH/APPM	.....	3

Program Requirements

WELD 1550	Occupational Safety and Health.....	2
WELD 1650	Print Reading and Welding Symbols.....	3
WELD 1700	General Welding.....	4
WELD 1760	Advanced Shield Metal Arc Welding (SMAW).....	4
WELD 1770	Gas Metal Arc Welding (GMAW) -Flux Core Arc Welding (FCAW).....	4
WELD 1780	Gas Tungsten Arc Welding on Plate (GTAW).....	3
WELD 2510	Pipe Welding 1.....	4
Total		31

Credential

The welding credential combines hands-on welding experiences with classroom instruction in commonly used welding processes. Safety is emphasized in all areas of the welding program. To be successful in the welding industry, a person must be able to adapt to work styles that require dependability, attention to detail, safety-consciousness, self-control, adaptability / flexibility, initiative, and cooperation.

The welding credential is designed for the student who has prior welding experience and desires to update their skills; and requires students to complete 14 credits of welding coursework, which may be completed in one semester.

Program Requirements Credits

WELD XXXX*	.....	14
Total		14

* WELD-1975 Independent Study Welding does not apply toward the credential.

WESTERN AMERICAN STUDIES

The Western American Studies program utilizes an interdisciplinary approach to explore the history, prehistory, anthropology and geography of the peoples that have lived near or crossed the Continental Divide –the “backbone of the continent”– at South Pass in the central Rocky Mountains. The program examines how geography along the Great Divide has defined the local human experience; assesses the racial, religious and cultural divides that have sometimes created chasms between peoples from prehistoric times to the present; seeks to understand gender issues in this area known as the “Birthplace of Woman Suffrage;” analyzes the roles people and geog-



graphy of the Sweetwater and Wind River area have played in shaping the development of the region and entire American nation; and explains how ecosystems, environmental and land-use issues have shaped local cultures and created “Old West – New West” divides.

This multi-cultural program provides a solid social science foundation to facilitate successful transfer to four year institutions of higher learning, and inspires a sense of pride in, enriched understanding of, and appreciation for the heritage of this area. The Western American Studies program offers classroom, field-schools, and innovative experiential learning opportunities.

Associate of Art Degree

General Education Requirements Credits

Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000).....	3
ARTS	3
DIV	(In program)
HUM	(In program)
LSCI	4
MATH	3
ORAL	3
PEAC	1
SOC	(In program)
UNST	1
WELL	1

Program Requirements

ANTH 1300	Introduction to Archaeology (SOC)	3
ANTH 2010	Archaeology Field School.....	3
HIST 1210	American History I OR	
HIST 1220	American History II	3
HIST 1290	History of the U.S. West (HUM).....	3
HIST 2290	History of U.S. Indians (DIV)	3
HIST 2315	Equality State Gender & Ethnicity (DIV).....	3

Program Electives

Students must choose **18** credits from the following list of approved courses.

AIST 1000	Introduction to American Indian Studies (DIV)	3
AIST 2032	Native American Art History	3
ANTH 1100	Introduction to Physical Anthropology (SOC)	3
ANTH 1200	Introduction to Cultural Anthropology (SOC)	3
ANTH 2020	Material Culture Studies	3
ANTH 2022	Petroglyphs & Primitive Art (HUM).....	3

ART 2032	Native American Art History	3
ART 2145	Digital Photography (ARTS)	3
BIOL 1080	Introduction to Environmental Science (LSCI).....	4
ECON 1010	Macroeconomics (SOC)	3
GEOL 1020	Geology of Wyoming	3
GEOL 2200	Geologic Field Excursions:	3
G&R 1020	Introduction to Human Geography (DIV)	3
HIST 1250	History of Wyoming	3
HIST 1300	Crazy Horse, Custer & Two Worlds (DIV).....	3
HIST 1355	Introduction to Museum Studies.....	3
HIST 2010	Mormon Migration	3
HIST 2015	South Pass & Wind River Basin.....	3
HIST 2060	Topics in History:*	3
HIST 2215	Oregon Trail Field Experience	3
HIST 2250	American Religious History to 1865	3
NAAS 1020	Perspectives in Native American Life.....	3
NAAS 1270	Indians of the Wind River (DIV)	3
NAAS 2330	Topics in Native America:	3
NAAS 2350	Cultural Institute	3

General Electives	3
Total	64

* When topic is appropriate

American Indian Studies Credential

The American Indian Studies Credential recognizes successful completion of classroom and field coursework exploring the history and significance of the American Indian Nations within the large context of American and western U.S. history.

The courses in this program explore the regional tribal nations (prehistoric and contemporary) cultures and interactions with the European and Euro-American settlers.

Program Requirements Credits

AIST 2290	History of U.S. Indians OR	
HIST 2290	History of U.S. Indians	3
HIST 1290	History of the U.S. West	3
NAAS 1270	Indians of the Wind River (DIV)	3
NAAS 2350	Cultural Institute	3

Student must complete **3** credits from the following approved courses.

AIST 1000	Introduction to Native American Studies (DIV).....	3
AIST 2032	Native American Art History	3
ANTH 1100	Introduction to Physical Anthropology (SOC).....	3
ANTH 1200	Introduction to Cultural Anthropology (SOC)	3
ART 2032	Native American Art History	3
GEOL 1020	Geology of Wyoming	3
GEOL 2200	Geologic Field Excursions:	1-3
HIST 1210	American History I	3
HIST 1220	American History II	3
HIST 1250	History of Wyoming	3
HIST 2010	Mormon Migration	3
HIST 2015	South Pass & Wind River Basin	3
HIST 2060	Topics in History:*	3
HIST 2250	American Religious History to 1865	3
NAAS 1020	Perspectives in American Indian Life	3
NAAS 2330	Topics in Native America:	1-3

Total	15
--------------------	-----------

* When topic is appropriate

Mormon Migration Credential

The Mormon Migration Credential recognizes successful completion of classroom and field coursework exploring the history and significance of the Mormon Trail migrations within the larger contexts

PROGRAMS OF STUDY

of American and western U.S. history, the overland migrations and the philosophy of Manifest Destiny.

The credential course of study examines how geography of the Great Divide influenced the Church of Jesus Christ of Latter-day Saints (LDS) migrations and selection of their Zion in the Rockies. The courses explore regional prehistory and life on the trail. It investigates the LDS relationship with Native Americans on the trail and those who were displaced by the new settlements outside the U.S. in what became Utah. It also evaluates the impacts of the Mormon Migration on the modern world.

Program Requirements		Credits
HIST 2215	Oregon Trail Field Experience OR	
ANTH 2010	Archaeological Field School	3
HIST 1290	History of the U.S. West	3
HIST 2010	Mormon Migration	3
HIST 2250	American Religious History to 1865	3

Program Electives

Student must complete 3 credits from the following approved courses.

AIST 1000	Introduction to American Indian Studies (DIV)	3
ANTH 1100	Introduction to Physical Anthropology (SOC)	3
ANTH 1200	Introduction to Cultural Anthropology (SOC)	3
ART 2032	Native American Art History	3
AIST 2032	Native American Art History	3
GEOL 1020	Geology of Wyoming	3
GEOL 2200	Geologic Field Excursions:	1-3
HIST 1210	American History I	3
HIST 1220	American History II	3
HIST 1250	History of Wyoming	3
HIST 2015	South Pass & Wind River Basin	3
HIST 2060	Topics in History:*	3
NAAS 1020	Perspectives in American Indian Life	3
NAAS 1270	Indians of the Wind River (DIV)	3
NAAS 2330	Topics in Native America:	1-3
NAAS 2350	Cultural Institute	3
Total		15

* When topic is appropriate

Oregon Trail Credential

The Oregon Trail Credential recognizes successful completion of classroom and field coursework exploring the history, prehistory and significance of the Oregon Trail migrations across the Continental Divide—the “backbone of the continent”—at South Pass in the central Rocky Mountains. South Pass was the key place that made the 19th century philosophy of Manifest Destiny a reality.

The credential course of study examines how geography of the Great Divide has channeled human migrations and affected the development of Wyoming and the American nation. It investigates the human experience of Native Americans who have long called the South Pass area home, as well as the lives of emigrants on the trail and pioneers who settled nearby. It also evaluates the significance of place and of the events which occurred here and their impacts on the modern world.

Program Requirements		Credits
HIST 1250	History of Wyoming	3
HIST 1290	History of the U.S. West	3
HIST 2015	South Pass & Wind River Basin	3
HIST 2215	Oregon Trail Field Experience OR	
ANTH 2010	Archaeological Field School	3

Program Electives

Student must complete 3 credits from the following approved courses.

AIST 1000	Introduction to American Indian Studies (DIV)	3
AIST 2032	Native American Art History	3
ANTH 1100	Introduction to Physical Anthropology (SOC)	3
ANTH 1200	Introduction to Cultural Anthropology (SOC)	3
ART 2032	Native American Art History	3
GEOL 1020	Geology of Wyoming	3
GEOL 2200	Geologic Field Excursions:	1-3
HIST 1210	American History I	3
HIST 1220	American History II	3
HIST 2010	Mormon Migration	3
HIST 2060	Topics in History:*	3
HIST 2250	American Religious History to 1865	3
NAAS 1020	Perspectives in American Indian Life	3
NAAS 1270	Indians of the Wind River (DIV)	3
NAAS 2330	Topics in Native America:	1-3
NAAS 2350	Cultural Institute	3
Total		15

* When topic is appropriate

WILDERNESS

Wilderness EMT Credential

This comprehensive program of classroom education, practical skills, scenarios and full-scale mock rescues prepares the student to test for certification as an EMT and a Wilderness EMT. This program fulfills all DOT requirements for certification as a basic EMT. Successful completion of both courses and both written and practical examinations will certify the student as a National Registry of EMT's Basic EMT, and Wilderness EMT. Prerequisite: Acceptance by Wilderness Medicine Institute (WMI) of NOLS.

Program Requirements		Credits
HLED 2010	Wilderness First Responder	4
HLED 2015	Wilderness EMT	5
Total		9

Wilderness First Responder Credential

This program is designed to provide outdoor leaders, instructors, guides, environment, health & safety professionals, rangers and wilderness and foreign travelers with the knowledge needed to deal with emergencies in remote settings. The curriculum covers standards of care for urban situations with additional protocols for remote situations. Special topics include but are not limited to: CPR considerations (when not to start and when to stop), wilderness wound and burn management, clearing patients of spine and head trauma, athletic injuries, realigning fractures and dislocations, improvised splinting techniques, patient monitoring and long-term management problems, up-to-date information on all environmental emergencies, common simple medical problems, plus advice on drug therapies. Emphasis is placed on prevention and decision-making. Certifications upon successful completion include: Wilderness Medicine Institute (WMI) Wilderness First Responder and American Heart Association's CPR. All levels of prior training are welcome. Prerequisite: Acceptance by WMI of NOLS.

Program Requirements		Credits
HLED 2010	Wilderness First Responder	4
Total		4

ZOOLOGY

See: Biological Science