

# *Shoshoni High School*

## Course Offerings



2023-2024

The State of Wyoming provides Hathaway Merit and Need Scholarships to Wyoming students attending the University of Wyoming and Wyoming Community colleges. Every Wyoming student who meets the merit requirements can earn a Hathaway Merit Scholarship. Contact the school counselor for more information.

This District meets the provisions of the Federal “No Child Left Behind” Act with regards to highly qualified teachers.



## Vision/Purpose & Strategic Plan

### General Academic Policies

- Concurrent Credit Class Enrollment
- Dual Credit Class Enrollment
- Grading Scale & GPA
- Standards Referenced Grading
- Graduation Requirements
- Hathaway Success Curriculum Requirements
- Success Curriculum
- Independent Study Classes
- Career Exploration Early Dismissal

### Classes Available at Specific Grade Levels

### Hathaway Scholarship High School Requirements

### Course Descriptions

### Career/Technical Education

#### Agriculture Department

- Agriculture I
- Farm & Ranch Business Records
- Livestock Production
- Greenhouse Management
- Vet Science
- Ag Welding Technology

#### Computer and Information Technology Department

- Introduction to New Media
- New Media
- Desktop Publishing I-V
- STEM 1
- STEM 2
- STEM 3
- STEM 4
- STEM 5
- STEM 6
- STEM 7
- STEM 8

## WOODWORKING

Woodworking I  
Woodworking II & III & IV  
Introduction to Construction Technology  
Mixed Media  
Career Exploration

## Early Childhood Education Offerings

EDEC 1225 Intro to Teaching  
EDEC 1030 Infant and Toddler Care  
EDEC 1020 Introduction to Early Childhood Education  
FCSC 2131 Family Relations  
EDEC 1100–60 Observation and Guidance of Young Children  
EDEC 1205 CDA Portfolio and Observation (Hybrid Class)

## Fine Arts Department

Art I  
Art II  
Art III  
Art IV  
Ceramics  
Mixed Media  
[Printmaking/Photography](#)  
[Stain Glass](#)

## Performing Arts

Acting I-IV  
Technical Theater

## Foreign Language

Spanish I (Success Curriculum Course)  
Spanish II (Success Curriculum Course)

## Language Arts Department

English I: Introduction to Literature and Composition (Success Curriculum Course)  
English II: Thematic Literature and Composition (Success Curriculum Course)  
English III: American Literature and Composition (Success Curriculum Course)  
English IV: Literature and Composition Throughout the Ages (Success Curriculum Course)  
English Composition I (Success Curriculum Course)  
English Composition II (Success Curriculum Course)  
Public Speaking (Success Curriculum Course)

## Mathematics Department

Algebra I (Success Curriculum Course)  
Algebra II (Success Curriculum Course)  
Geometry (Success Curriculum Course)  
Intermediate Algebra  
College Algebra  
[Personal Finance](#)  
[Problem Solving](#)  
[College Trigonometry](#)

## Physical Education & Health Department

General Physical Education  
Health (one semester)  
Recreational Games  
Heavy Resistance

## Science Department

General Science (Success Curriculum Course)  
General Biology (Success Curriculum Course)  
Human Anatomy and Physiology\* (Success Curriculum Course)  
Intro to Chemistry\* (Success Curriculum Course)  
Physics\* (Success Curriculum Course)  
Ecology  
Forensics

## Social Studies Department

Life Skills (Grade 9)  
World History (Success Curriculum Course)  
United States History (Success Curriculum Course)  
American Government & Economic Systems (Success Curriculum Course)

## Student Aide Program

## [Other](#)

[Driver's Education - SUMMER](#)



# SHOSHONI



## secondary SCHOOL

### MISSION

We are dedicated to educating and preparing ALL students for success at higher levels.

### VISION

We will become the highest performing district in Fremont County while inspiring pride in learning.

### VALUES

We commit to monitoring each student's learning and use proficiency based evidence to meet individual student's needs and improve teaching practices.

We commit to seeking out research-proven practices to monitor and support student learning.

We commit to a sense of honesty, respect, and accountability even during difficult discussions to help achieve our mission and vision.

We commit to communicate with stakeholders about students' progress.

We will hold one another mutually accountable for a culture that is relationship driven, caring, open to taking risks, and ensures learning with a growth mindset.

We commit to celebrating success, big or small, and encouraging students to achieve.

We commit to holding students and staff to high expectations driven by ongoing reflection.

### GOALS

Meet or exceed the state average in WYTOPP in all areas  
Meet or exceed required graduation rate on state accountability  
100% post-secondary readiness indicators (College, Career, Military)  
Meet or exceed the state average in ACT composite  
100% of students qualifying for Hathaway

## General Academic Policies

### Junior High Student Enrollment in High School Courses

Eighth grade students may be recommended by a teacher to take a higher level course traditionally offered to only HS students, for example Algebra II. In this circumstance, the student may also be enrolled in a HS elective in order to fill his/her schedule

### Virtual Class Enrollment

Enrollment in classes through a virtual school will be limited to extreme circumstances, i.e., remediation/enrichment. Any courses offered by Shoshoni High School will not be available in an alternate format.

### Concurrent Credit Class Enrollment

It may be possible for students in selected classes and/or programs to earn high school and college credit simultaneously. Specific criteria must be met such as payment of fees, purchase of designated materials, adherence to a set curriculum, college approval of the instructor, etc. Classes that qualify for concurrent enrollment are identified in the course description booklet.

Concurrent enrollment course offerings may change based on Central Wyoming College's instructor approval process.

### Dual Credit Class Enrollment

Students in grades 9-12 may choose to enroll in college courses at CWC or online courses through CWC or other community college(s) or other distance courses at the discretion of the principal and the student's parent/guardian.

Students who choose to enroll in college credit courses not offered in the curriculum may do so for dual credit and the cost of the course(s) will be paid by the Fremont County BOCHES ***when taken during the school year.***

- Parental approval must also be obtained and an online class and book contract must be on file.
- The student must meet the following criteria:
  - The student must be in good academic standing with at least a high "B" average (3.0) and maintain eligibility.
  - The student must be on track for graduation
  - The student must not have no have any excessive tardiness or major/excessive behavior.
- Online/dual credit course privileges may be revoked per the online class contract signed by parent, student, and principal.
- [Contract for an Online College Course and Book Contract](#)

## Traditional Grading Scale & GPA

The letter grading system in use in Shoshoni utilizes the four-point method for figuring the cumulative GPA for students in grades 9-12:

A = 90-100% & 4 grade points	F =Failing = 1-59% & 0 grade points
B = 80-89% & 3 grade points	I = Incomplete = 0% & 0 grade points
C = 70-79% & 2 grade points	S = Satisfactory = 0 grade points
D = 60-69% & 1 grade point	U = Unsatisfactory = 0 grade points

Courses offered at the high school and college courses 1000 level or above will be graded on the following weighted scale:

A = 90-100% & 5 grade points	D = 60-69% & 2 grade point
B = 80-89% & 4 grade points	F =Failing = 1-59% & 0 grade points
C = 70-79% & 3 grade points	I = Incomplete = 0% & 0 grade points

Students will be allowed to repeat classes with approval of the building principal. This will give students an opportunity to improve mastery over the skills taught in that class and to raise their grade. The student's transcript will indicate the class was taken twice but credit will be awarded only once.

If a student fails a course that is part of the graduation requirements and retakes it for a better grade, the initial instance of the course will remain on the transcript and will be figured in the GPA calculation.

Credit recovery through Fremont 24 will be accomplished through online options, BOCHES, independent study or other. Students will be individually directed with the credit recovery approach as advised by administration. Communication with parents will take place before initiating credit recovery.

Some courses are offered for dual or concurrent enrollment with support from the Fremont County BOCHES.

## Standards Referenced Grading

The purpose of standards-referenced grading is to improve student achievement by focusing instruction and the alignment of curriculum with the essential standards. Standards-based grading and reporting will provide better communication to students, parents, teachers and administrators on what each student knows and is able to do according to the identified standards and separately assess the influence of positive and consistent work habits on student learning.

[Click here for more information on Standards Referenced Grading](#)



## Graduation Requirements

The following information concerns graduation requirements for Shoshoni High School, required and elective courses, grading procedures, number of periods per day, grade classification, and other general information.

### These requirements must be met while enrolled in grades 9-12.

English	4 credits
Science	3 credits
Mathematics	3 credits
Social Studies	3 credits
Physical Education	1 credit
Health	½ credit
Career/College Readiness	½ credit
Other Credits	9 credits
<b>Total Required Credits for Graduation</b>	<b>24 credits</b>

In addition, eight (8) semesters of attendance are required.

Juniors and seniors may register to work as a student aide; ¼ credit per semester will be granted for working as a student aide. Grades for student aide will be S/U.

Courses that are not required are electives and may be selected to fulfill a student's career or education plan. Elective courses from the areas of industrial arts, vocational, agriculture, science, math, social studies, English, music, languages, art, and physical education will be provided for the students to fulfill graduation requirements. Not all elective courses are available at all levels.

All students, grades 9 through 12, must be enrolled in seven (7) periods. Any variation from this policy must be approved by the principal and the Board of Trustees on an individual basis.

## Hathaway Success Curriculum Requirements

The Hathaway Scholarship Program is available for Wyoming students to pursue post-secondary education within the state of Wyoming. The program consists of four separate merit scholarships, each with specific eligibility requirements, and a need-based scholarship which is a supplement to the merit awards for those who qualify.

- The specific requirements are available from the counseling department or on the district's website
- All students will follow the Success Curriculum unless a signed parent waiver is on file.

Merit scholarships are available in four levels: Provisional (\$840/semester four semesters at a WY community college), Opportunity (\$840/semester eight semesters at UW or a WY community college), Performance (\$1,260/semester eight semesters at UW or a WY community college), and Honors (\$1,680/semester eight semesters at UW or a WY community college). Students and parents are encouraged to visit with their counselor to discuss the program in more detail.

In compliance with Wyoming Education Law, and in support of the Hathaway Scholarship Program, Shoshoni High School ensures that each and every 8th grade student completes a one week (5 hour) unit of study in which they are given an overview of the high school curriculum needed to be successful in postsecondary education; information on standardized test requirements; information about available scholarships; and earning differences at various post-secondary levels.

# HATHAWAY SCHOLARSHIP REQUIREMENTS



	HONORS \$1,680 per semester	PERFORMANCE \$1,260 per semester	OPPORTUNITY \$840 per semester	PROVISIONAL \$840 per semester
<b>MAX AWARD AMOUNT</b>				
	8 full-time semesters			
<b>WHERE YOU CAN USE IT</b>				4 full-time semesters. Students with a certificate can extend for an additional 4 full-time semesters at a community college.*
	May be used at a WY community college or UW			Must start at a WY community college
<b>LANGUAGE ARTS</b> (years)				Current HS graduation requirements
	4 (9-12 grade only)			Current HS graduation requirements; at least 2 of these courses: Algebra I, Algebra II, Geometry
<b>MATH</b> (years)				Current HS graduation requirements
	4 Algebra I, Algebra II, Geometry and one "additional math" course taken in grades 9-12			Current HS graduation requirements
<b>SOCIAL STUDIES</b> (years)				Current HS graduation requirements
	3 (9-12 grade only)			Current HS graduation requirements
<b>SCIENCE</b> (years)				Current HS graduation requirements
	4 (9-12 grade only) One year may include an "additional science" course			Current HS graduation requirements
<b>Fine and Performing Arts or Career and Technical Education or Foreign Language</b>				
	4 Years*** 2 years must be a sequenced pathway		2 years of CTE, FPA or FL (2 years foreign language must be sequenced)	
<b>ACT SCORE</b>				
	25	21	19	17 (Or score a 12 on WorkKeys)
<b>HIGHSCHOOL GPA</b>				
	3.5	3.0	2.5	2.5

2019 and 2020 graduate can use either the 2018 Hathaway Success Curriculum (HSC) or the current. 2021 graduates will be required to use the current HSC.

\*Students with an associates degree can extend for an additional 4 full-time semesters at UW

\*\*All AP, IB and dual/concurrent courses (+1000 level and above) will be weighted.

\*\*\*2 years must be a sequenced pathway, the other two years can be in the same or a different subject area.

HATHAWAYSCHOLARSHIP.ORG

## **HATHAWAY WAIVER:**

I am aware that my son/daughter is currently enrolled in the Fremont County School District #24 Hathaway Curriculum. I am aware of the courses that make up the Hathaway curriculum. Enrollment in that curriculum, along with attaining specific GPA levels and ACT scores, provides my son/daughter an opportunity to earn specified levels of the Hathaway Scholarship to be used at the University of Wyoming or any Wyoming Community College. I am also aware that increased education increases the lifetime earnings of most citizens.

I acknowledge that I have been briefed on the following topics:

- graduation requirements,
- curriculum requirements necessary for each level of Hathaway Scholarship,
- the importance of curriculum for career options and the earning differences anticipated based upon curriculum choices and at various levels of post-secondary education,
- current achievement level on the state proficiency assessment,
- an assessment of the student's course history,
- options available for future course selection.

I choose to waive my son's/daughter's enrollment in the Hathaway Curriculum to qualify for specified levels of the scholarship and enroll him/her in other courses. I am aware that by choosing to take my son/daughter out of the Hathaway Success curriculum, I am reducing his/her opportunity to earn the Hathaway Scholarship funds.

Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

School Official: \_\_\_\_\_

Date: \_\_\_\_\_

## Success Curriculum

Honors and Performance levels:

- Four years of Math, English, and Science
- Three years of Social Studies
- Two sequenced years of foreign language, or two sequenced years of fine/performing arts, or two sequenced years of career/vocational courses.\*
- Two additional years of either fine arts, career/vocational courses or an additional two years of a foreign language

Opportunity level:

- Four years of Math, English, and Science
- Three years of Social Studies
- Two sequenced years of foreign language, or two sequenced years of fine/performing arts, or two sequenced years of career/vocational courses.\*

Provisional level: (Graduation Requirements)

- Four years of English
- Three years of social studies, Math, and Science
- Two sequenced years of foreign language, or two years of fine/performing arts, or two years of career/vocational courses.\*

All Success Curriculum courses must be approved at the state level.

## Independent Study Classes

An independent study class is defined as one in which the student works independently following a syllabus which is submitted by a supervising teacher and is on file in the counseling office. Descriptions of independent study classes appear in the course description portion of this booklet. These classes are limited to special circumstances:

- A senior who needs additional credits to graduate (see virtual class enrollment section)
- A student transferring into the district who has a major schedule conflict
- A student with approval of instructor for enrichment purposes in his/her planned college major or vocational choice
- A student who needs remedial work before progressing to a desired class

An independent study course must be initiated by the counseling department or instructor and be approved by the principal.

## Work-Based Learning - Early Release

All students, grades 9 through 12, must be enrolled in seven (7) periods. Any variation from this policy must be approved by the principal and the Board of Trustees on an individual basis.

A senior student may be dismissed up to three of the first or last periods of the day to work, provided his/her grade average is at a satisfactory level. This privilege may be taken away if any complications should arise. Students wanting work-based learning dismissal must complete the approval process including a contract with the approval of the principal.

[Application for Work-Based Learning](#)

## Classes Available at Specific Grade Levels

<p><b>FRESHMAN</b></p> <p><b>Required: English I</b>  <b>Health/Life Skills</b>  <b>General Science</b>  <b>Math: Problem Solving, Algebra I or Algebra II</b></p> <p><b>Electives:</b>  Academic Support  Acting 1  Agriculture I  Art I  Ceramics  Desktop Publishing (Yearbook)  Early Childhood Internship★  General Physical Education  Heavy Resistance  Introduction to AG Welding  Introduction to New Media  Mixed Media  Printmaking/Photography  Recreational Games  Stain Glass  STEM 1/2  Technical Theater  Woodworking  World History</p>	<p><b>SOPHOMORES</b></p> <p><b>Required: English II</b>      <b>Geometry**</b>  <b>Biology</b>  <b>World History (if not taken 9th grade year)</b></p> <p><b>Electives:</b>  Academic Support  Acting 1 or 2  Agriculture I  Ag Welding Technology  Art I or II  Ceramics  Desktop Publishing (Yearbook)  Early Childhood Internship★  Farm and Ranch Business Records - (alternating with Livestock Production and Greenhouse Management)  General Physical Education  Greenhouse Management - (alternating with Livestock Production and Farm/Ranch Business Records)  Heavy Resistance  Introduction to AG Welding  Introduction to New Media or New Media  Livestock Production - (alternating with Farm &amp; Ranch Records and Greenhouse Management)  Mixed Media  Printmaking/Photography  Recreational Games  Stain Glass  STEM 3/4  Technical Theater  Woodworking I or II  *Online CWC College Course</p>
<p><b>JUNIORS</b></p> <p><b>Required: English III</b>  <b>U.S. History</b>  <b>Math: Algebra I, Personal Finance, Algebra II, Intermediate Algebra, or College Algebra</b>  <b>Science: Physics, Chemistry, Human Anatomy, Ecology, or Forensics</b></p> <p><b>Electives:</b> Any class offered to 9th or 10th grade (check for pre-requisites) and:  Acting III  Ag Welding Technology II  Art III  Desktop Publishing (Yearbook)  Farm and Ranch Business Records - (alternating with Livestock Production and Greenhouse Management)  Greenhouse Management - (alternating with Livestock Production and Farm/Ranch Business Records)  Introduction to Construction Technology  Livestock Production - (alternating with Farm &amp; Ranch Records and Greenhouse Management)  STEM 5/ 6  Woodworking III  Student Aide*  *Online CWC College Course</p>	<p><b>SENIORS</b></p> <p><b>Required: English IV or English Composition I/II</b>  <b>American &amp; WY Government</b>  <b>PE Course (if not previously taken)</b></p> <p><b>Electives:</b> Any class offered to 9th, 10th, or 11th grade (check for pre-requisites) and:  Acting IV  Ag Welding Technology III  Art IV  Desktop Publishing (Yearbook)  Farm and Ranch Business Records - (alternating with Livestock Production and Greenhouse Management)  Greenhouse Management - (alternating with Livestock Production and Farm/Ranch Business Records)  Livestock Production - (alternating with Farm &amp; Ranch Records and Greenhouse Management)  Math: Personal Finance, Algebra II, Intermediate Algebra, or College Algebra  Science: Forensics, Physics, Chemistry, Human Anatomy, or Ecology  Student Aide (application process)  Work Exploration (application process)  STEM 7/8  Trigonometry*(minimum ALEK score for college credit)  Woodworking IV  *Online CWC College Course  *by teacher recommendation ONLY</p>

## COURSE DESCRIPTIONS

The first grade level indicated for when a class is offered is the recommended year(s) for taking that class, **and is the first year** that any given subject may be taken, i.e.,

**Introduction to AG Welding Technology – Offered to Grades 9-12**

means that you can take Ag Welding Technology when you register as a freshman, but you could take it during your junior or

senior year if the class does not conflict in the schedule with a required class for that given grade level. However, the schedule is changed each year based on spring registration; a sophomore class that you would like to take as a senior may not be available due to a scheduling conflict.

Progression charts are provided showing how a student would progress through a content area. They reflect the first year (not grade level) a student would take a course, for example in Agriculture (see below) a student might enroll in Ag I when he/she is a freshman or the student might only take Ag I when he/she is a senior.

### Career Technical Education

#### Agriculture Department

Progression Chart for Agriculture Courses

Year 1	Year 2, 3, 4
Agriculture I  Introduction to Ag Welding Technology	Farm & Ranch Business Records* Livestock Production ~OR~ Greenhouse Management Ag Welding Technology I-III
<p>*Concurrent Enrollment with CWC is a potential; these courses may not be taken without Agriculture I. The skills gained by agriculture concentrators give them a head start in many fields, including agriculture business (insurance, banking, etc.), range management, forestry, welding/mechanics, as well as those historically viewed as agriculture, like livestock and crop production.</p>	

Classes are not required; may be taken for elective credit. Students wishing to participate in FFA must be enrolled in a Vocational Agriculture course.

## **AGRICULTURE I**

**Credit—1 per year**

**Offered to grades 9-12**

Ag is designed to give students a basic and introductory knowledge of production agriculture and agriculture business. The topics and units covered will help develop students' communicative abilities, decision-making skills, and lifelong skills, and help prepare them for future changes in the industry.

## **FARM & RANCH BUSINESS RECORDS**

**Credit—1 per year**

**Offered to grades 10-12**

This course is designed to introduce the student to basic accounting principles, business methods, financial measures and indicators commonly found in an agricultural operation. Students will be introduced to record keeping requirements and methods. Students will utilize spreadsheet applications to allocate agricultural enterprises costs and determine break-even production levels and prepare budgets. Available for concurrent enrollment through CWC.

Rotates with Greenhouse Management and Livestock Production; satisfies FFA requirement for agriculture education.

## **LIVESTOCK PRODUCTION**

**Credit—1 per year**

**Offered to grades 10-12**

Students will continue to advance their knowledge and understanding of production agriculture and agri-business by continuing to study in major curriculum areas in greater depth.

Additionally, Introduction to Range Management may be one unit in the course and introduces students to the basic concepts of range and natural resource management. The course is designed to give students the opportunity to explore various land management and natural resource careers. It may be possible to earn one concurrent enrollment credit through Central Wyoming College.

Rotates with Greenhouse Management and Business Records; satisfies FFA requirement for agriculture education.

## **GREENHOUSE MANAGEMENT**

**Credit—1 per year**

**Offered to grades 10-12**

This course will have several areas of focus. First, students will focus on the general operation and utilities of greenhouses. Second, students will learn the basics of plant growth and soil health which will then be applied to the propagation of a variety of plants, including the growing of vegetables for our own consumption, which will include microgreens, salad greens, tomatoes and more. Last, students will take their learned skills to apply to a business model and grow a variety of plants for the end-of-the-year FFA Plant Sale.

Rotates with Greenhouse Livestock Production and Business Records; satisfies FFA requirement for agriculture education.

## **VET SCIENCE**

**Credit—1 per year**

**Offered to grades 10-12 (not offered every year)**

This course will investigate scientific concepts relating to the care of animals. Students will study the nutrition, safety, training, health, and general care of companion animals. The course will focus on dogs, cats, rabbits, birds, reptiles, and fish. Laboratory activities will provide opportunities for problem-solving through practical applications to learn scientific concepts. Application to current issues will also be explored.

Satisfies the requirement for FFA membership.

## **INTRODUCTION TO AG WELDING TECHNOLOGY**

**Credit—1 per year**

**Offered to grades 9-12**

This course will introduce students to career opportunities in the agricultural mechanics field while giving them hands-on opportunities. Students will identify safe practices in the workplace and demonstrate safe practices while gaining an understanding of mechanical systems, metal fabrication/ welding processes, electrical systems, small engine repair, as well as personal projects that involve these processes.

Will satisfy the requirement for FFA membership.

## **AG WELDING TECHNOLOGY I-III**

**Credit—1 per year**

**Offered to grades 10-12**

Agriculture Welding Technology I-III builds on information learned from Introduction to Ag Welding Technology. These courses expose more career opportunities in the agricultural mechanics field while giving them hands-on opportunities. Students will identify safe practices in the workplace and demonstrate safe practices while gaining an understanding of mechanical systems, metal fabrication/ welding processes, electrical systems, small engine repair, as well as personal projects that involve these processes.

May be repeated one time for additional credit. Will satisfy the requirement for FFA membership.

## **Computer and Information Technology Department**

Classes are not required and may be taken for elective credit. All students enrolled in these courses must have an Acceptable Use Policy agreement signed by themselves and a parent or guardian on file.

<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
Desktop Publishing I Introduction to New Media	Desktop Publishing II New Media	Desktop Publishing III	Desktop Publishing IV



STEM 1*	STEM 3	STEM 5	STEM 7
STEM 2	STEM 4	STEM 6	STEM 8
*After STEM 1, students will choose from a variety of pathways which lead to an array of certifications, including electrical, computer science, engineering, 2D/3D design.			

## **INTRODUCTION TO NEW MEDIA:**

**Credit—1 per year**

**Offered to grades 9-12**

This course will be a survey of the different capacities in which film is used throughout this course. We will study how film is used to convey a message in our new digital world. This class will be focused on production of videos for Youtube in an area that interests you. This will take the form of podcasts, how to videos, variety shows, or classic film production.

## **NEW MEDIA 1-3**

**Credit—1 per year**

**Offered to grades 10-12**

This course will allow students to take the skills they learned in Intro to New Media and apply them in a more refined way. You will work to find and refine your voice. We will again use Youtube as a platform to display our work. We will also focus on using Adobe Premiere Pro.

## **DESKTOP PUBLISHING I-IV**

**Credit—1 per year**

**Offered to grades 9-12**

This elective course will serve as the instrument for the design, development, creation, and publication of the Shoshoni School's yearbook. The class will teach students the following: basic elements of digital photography, including composition, subject, and photojournalism; basic journalism skills such as use of the inverted triangle in writing; graphic design and layout, using programs such as Adobe Photoshop, InDesign, and Illustrator to manipulate, layer, crop, etc. photographs and graphic elements; and the promotion and sales of the completed yearbook itself. Students will be responsible for participation in after school activities through photography and sales, as well as responsible for layout and design during class time. May be repeated as DTP II, III, and IV for additional credit.

## **STEM 1**

**CREDIT – .5 CREDIT PER SEMESTER**

**Offered to grades 9-12**

STEM 1 students will study electricity, microcontrollers such as arduino, 3D design using free and open source software, and computer science with an emphasis on engineering and the engineering process.

## **STEM 2**

**CREDIT - .5 PER SEMESTER**

**Offered to grades 9-12**

**Prerequisites: Overall grade of 80% or more in STEM 1 and full completion of the Computer Science Fundamentals course in code.org**

STEM 2 students will learn fundamental concepts behind computer hardware, software, computer repair, diagnostics, 2D vector design with Inkscape, and will be required to raise funds in order to fund a STEM 2 class project, such as a Raspberry Pi Arcade cabinet.

## **STEM 3**

**CREDIT - .5 PER SEMESTER**

**Offered to grades 10-12**

**Prerequisites: STEM 1 and 2 with a grade of 80% or better and the completion of Sololearn Python programming fundamentals course, all Inkscape modules, and the class project**

STEM 3 is a continuation of the STEM CTE course progression and will focus on computer building, blockchain, further digital design design elements, assembling 3D environments, and the fundamentals of TCP/IP networking.

## **STEM 4**

**CREDIT - .5 PER SEMESTER**

**Offered to grades 10-12**

**Prerequisites: STEM 1, 2, and 3 with a grade of 80% or better and the completion of blender course, programming course, and the class project**

STEM 4 is a continuation of the STEM CTE course progression and will focus on a continuation of automation, server and desktop virtualization, TCP/IP, robotics and web design.

## **STEM 5**

**Credit - .5 per semester**

**Offered to grades 11-12**

**Requirements: an 80% overall grade in the previous STEM course, completion of the class project, blender course, programming course.**

STEM is a continuation of the STEM CTE course progression and will focus on a continuation of automation, computer science, blockchain, server and desktop virtualization, TCP/IP, robotics and digital design, critical thinking, and advanced problem solving.

Course Outline and Major Concepts/Objectives:

1. Students will focus heavily on the thought processes of automating things from every day tasks, from greenhouse, to compute tasks.
2. Students will master fundamental concepts of computer science through practice and theory.
3. Students will be able to define and solve increasingly complex and relevant problems.
4. Students will continue to gain expertise in networking and computer science including but not limited to info security and local networking.

## **STEM 6**

**Credit - .5 per semester**

**Offered to grades 11-12**

**Requirements: an 80% overall grade in the previous STEM course, completion of the class project, blender course, programming course.**

STEM is a continuation of the STEM CTE course progression and will focus on a continuation of automation, computer science, blockchain, server and desktop virtualization, TCP/IP, robotics and digital design, critical thinking, and advanced problem solving.

Course Outline and Major Concepts/Objectives:

1. Students will focus heavily on the thought processes of automating things from every day tasks, from greenhouse, to compute tasks.
2. Students will master fundamental concepts of computer science through practice and theory.
3. Students will be able to define and solve increasingly complex and relevant problems.
4. Students will continue to gain expertise in networking and computer science including but not limited to info security and local networking.

## **STEM 7**

**Credit - .5 per semester**

**Offered to grades 12**

**Requirements: an 80% overall grade in the previous STEM course, completion of the class project, blender course, programming course.**

STEM is a continuation of the STEM CTE course progression and will focus on a continuation of automation, computer science, blockchain, server and desktop virtualization, TCP/IP, robotics and digital design, critical thinking, and advanced problem solving.

Course Outline and Major Concepts/Objectives:

1. Students will focus heavily on the thought processes of automating things from everyday tasks, from greenhouse, to compute tasks.

2. Students will master fundamental concepts of computer science through practice and theory.
3. Students will be able to define and solve increasingly complex and relevant problems.
4. Students will continue to gain expertise in networking and computer science including but not limited to info security and local networking.

## STEM 8

**Credit - .5 per semester**

**Offered to grades 12**

**Requirements: an 80% overall grade in the previous STEM course, completion of the class project, blender course, programming course.**

STEM is a continuation of the STEM CTE course progression and will focus on a continuation of automation, computer science, blockchain, server and desktop virtualization, TCP/IP, robotics and digital design, critical thinking, and advanced problem solving.

Course Outline and Major Concepts/Objectives:

1. Students will focus heavily on the thought processes of automating things from every day tasks, from greenhouse, to compute tasks.
2. Students will master fundamental concepts of computer science through practice and theory.
3. Students will be able to define and solve increasingly complex and relevant problems.
4. Students will continue to gain expertise in networking and computer science including but not limited to info security and local networking.

## WOODWORKING

Year 1	Year 2	Year 3	Year 4
Woodworking I	Woodworking II	Woodworking III	Woodworking IV

### WOODWORKING I

**Credit – 1 Credit per year**

**Offered to grades 9-12**

This course should also have great appeal to anyone who likes to work with woods, tools, and machines. Students will become proficient in understanding and applying the skills necessary to become successful producers with the tools, materials, and processes used in the woodworking industry. The class is project oriented and students will be expected to fabricate various items constructed of wood using stationary power equipment. Students are reminded

that they must pay for the materials used in making projects of their own choosing. Course may be repeated as Woodworking Technology II with prior approval of the instructor.

## **WOODWORKING II & III & IV**

**Credit – 1 Credit per year**

**Offered to grades 10-12**

**Prerequisites: completed Woodworking I at SHS with a B or better and instructor permission.**

This course is offered for the advanced student interested in learning lifelong skills in the area of cabinetmaking and advanced woodworking techniques.

During this course students will continue to build on their knowledge in planning a project, selection and use of materials, including tools and machines to produce a finished product. Emphasis will be on safety and quality of workmanship. The students will do one required project (on their own; the faster it is completed the more time the student will have for their personal work). Safety will still be the main concern of the course with craft being second. Then the student (with direction) will self select projects. The instructor will decide if the student has the ability for the chosen project(s). This class is about the world of work and each student will need to be in attendance and participate fully in all activities.

## **INTRODUCTION TO CONSTRUCTION TECHNOLOGY**

**Credit – 1 Credit per year**

**Offered to grades 11-12**

**Prerequisites: 2 years of woodworking experience at Shoshoni High School or teacher approval.**

This course will introduce students to basic residential construction techniques. These include but are not limited to: plan reading, foundation systems, framing, roof systems, drywall, and basic finishing techniques. Roughing in electrical, plumbing, and exterior finishes will be presented when available.

## **WORK-BASED LEARNING**

**Credit--1 credit per year**

**Offered at grade 12**

Work-based learning will provide students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace. Students will be required to complete an application form before being considered for this course.

## Early Childhood Education Offerings

Year 1*	Year 2	Year 3	Year 4
Early Learning Center Intern	Early Learning Center Intern  Intro to Teaching**	Early Learning Center Intern  **Infant and Toddler Care  Intro to Early Childhood Education**	Early Learning Center Intern  Family Relations**  Observation and Guidance of Young Children**  CDA Portfolio**
<p>*Year 1 is not required for a student wishing to pursue this credential but is available for a student to begin logging their contact time with children from birth to five years old.</p> <p>**CWC dual credit online course</p> <p>Potential to earn 14 college credits towards an education degree if the complete pathway is followed.</p> <p><b>Child Development Associate</b> - CDA is an industry recognized credential that requires 480 hours of contact time with children birth-five years old (Early Childhood Internship); contact hours may also be completed outside of school hours; to earn the CDA you must also enroll in the Early Childhood pathway; students may elect to take the Early Childhood Internship without intentions of earning a CDA, but student must have a high school diploma or be a high school junior or senior in an early education/child development Career and Technical Program.</p>			

### EDEC 1225 INTRO TO TEACHING

**Credit - 0.5 HS CTE Credit: CWC 2 Credits Fall semester**  
**Offered to grade 10**

This course is intended for students who are interested in working in the field of education. It provides an overview of the different aspects of teaching, the teacher certification process, strategies for successful completion of the teacher education program, job opportunities in education and the creation of an electronic portfolio.

### EDEC 1030 INFANT AND TODDLER CARE

**Credit - 0.5 HS CTE credit; CWC 3 Credits Fall Semester**  
**Offered to grade 11**

**Prerequisites: Completion of EDEC 1020 or Instructor permission**

This course provides information on growth and development of children under the age of three along with curriculum implications, defines the interactive role of the caregiver, and explores other components of infant toddler care including implementation of quality programming and adult interactions. The course along with EDEC 1035, Infant and Toddler Care Lab, meets the criteria for the Wyoming Infant/Toddler Credential.

### EDEC 1020 INTRODUCTION TO EARLY CHILDHOOD EDUCATION

**Credit - 0.5 HS CTE credit; CWC 3 Credits Spring Semester**  
**Offered to grade 11**

**Prerequisites: Prerequisite EDEC 1225-60 Intro to Teaching (or instructor permission)**

A course for students preparing to work with young children ages birth through age eight. Students learn about the early childhood professional community; examine guidelines for the programs in an early childhood setting; focus on how these children think and learn; consider major issues facing children today.

**FCSC 2131 FAMILY RELATIONS**

**Credit - 0.5 HS CTE credit; CWC: 3 Credits Fall Semester**

**Offered to grade 12**

This course provides an overview of current research on family relations, family theory, and family dynamics across the lifespan. An ecological and family system approach will be used, with particular focus paid to the understanding of contextual influences on families.

**EDEC 1100–60 OBSERVATION AND GUIDANCE OF YOUNG CHILDREN**

**Credit - 0.5 HS CTE credit; CWC: 3 Credits Spring Semester**

**Offered to grade 12**

**Prerequisites: Completion of EDEC 1020**

This course offers the opportunity to learn and practice effective and practical methods of meeting the needs of young children as individuals and as members of a group, in an approved early childhood setting. The lab component provides related, supervised on-site experience in an approved early childhood center. Emphasis is on creating and maintaining positive and constructive learning environments, completing assessments of children, recording behaviors, planning activities, creating materials and learning environments, scheduling, behavior management, and maintaining parent-teacher communication. A completed approved background check is needed before placement in a classroom. See instructor for appropriate forms.

**EDEC 1205 CDA PORTFOLIO AND OBSERVATION (HYBRID CLASS)**

**Credit - 0.5 HS CTE credit; CWC: 3 Credits Spring Semester**

**Offered to grade 12**

**Prerequisites: Completion of EDEC 1020, EDEC 1200, and FCSC 2131, or documentation of equivalent 120 hours of formal training with current employment in a childcare/preschool setting.**

After the completion of 120 hours of formal training, candidates for the Child Development Associate Credential (CDA) are required to have a minimum of three hours of formal classroom observation and create a Professional Resource File. Class assignments, discussions, and activities will be used to create the resource file. Observations will be coordinated by the instructor in the appropriate setting for the credential being sought.

**Fine Arts Department**

**VISUAL ARTS**

<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
Art I Ceramics Mixed Media	Art II	Art III	Art IV

Printmaking and Photography			
Stain Glass			

## **ART I**

**Credit—1 per year**

**Offered to grades 9-12**

Art I will cover concepts in art appreciation, art history, and art criticism. Related studio coursework/assignments will also be included. Writings related to the art curriculum are a requirement of this course.

## **ART II**

**Credit—1 per year**

**Offered to grades 10-12**

**Prerequisite: Art I**

A more concentrated art responsibility. Students must demonstrate abilities in Art I concepts, or have the consent of the instructor to enroll. Writings related to the art curriculum are a requirement of this course.

## **ART III**

**Credit—1 per year**

**Offered to grades 11-12**

**Prerequisite: Art I and II**

Specialization of interests, time, and student responsibility. Study emphasis devoted to portfolio preparation for art scholarship and/or show. Instructor approval is required. Writings related to the art curriculum are a requirement of this course.

## **ART IV**

**Credit—1 per year**

**Offered to grade 12**

**Prerequisite: Art III and teacher approval**

This course is for students who are highly motivated and have a desire to do college level work. Course work is designed around those students who may be planning to pursue Art in college and beyond making it a possible profession. Students will concentrate their efforts on developing an art portfolio, which will include quality works of art throughout each semester in various media. Students will take pride in what they accomplish and their work will be displayed at the Wyoming State Art Symposium in the spring.



## **CERAMICS**

**Credit – 1 Credit per year**

**Offered to grades 9-12**

This course introduces students to creating ceramic forms utilizing the potter's wheel and hand building. A range of techniques for both will be demonstrated as starting points for creating forms. The design, function, decoration, and presentation of all forms will be emphasized through course assignments. Students will be graded on a rubric that will cover an assortment of fundamental learning in ceramics. Students will learn how to run the kiln and be introduced to a variety of glazes for their ceramic pieces. Students will be pushed to create work that has the potential of representing our school at Wyoming High School Art Symposium.

## **MIXED MEDIA**

**Credit – 1 Credit per year**

**Offered to grades 9-12**

Students will use a variety of materials such as wood, metal, clay, wax, glass, plaster, and found objects to create one-of-a-kind 3D art pieces that can be viewed in the round. This course is designed to give students a wide variety of art making experiences and allows students to continue to explore various visual art forms and techniques through the elements and principles of art and design. Students will produce original artworks and learn skills and techniques associated with a variety of art media. Possible fees will be added for cost of materials.

## **PRINTMAKING AND PHOTOGRAPHY**

**Credit – 1 Credit per year**

**Offered to grades 9-12**

### **Printmaking:**

This course covers the distinctive nature of printmaking including: tools, inks, paper, plate preparation, registration, printing processes and qualities of prints e.g overlays, transparency, offset, and multiple images. Students will be pushed in drawing on blocks then removing materials to create an image then working through the printmaking process. Students will be graded on a rubric that will cover an assortment of fundamental learning in printmaking. Students will be pushed to create work that has the potential of representing our school at Wyoming High School Art Symposium.

### **Photography:**

Students will learn composition, effective use of light, file management, digital image manipulation and developing a photographic vision. Students entering the course must have a cell phone with a camera. Students will be using the computer lab that has photoshop on it to work over their photos. Students will be graded on a rubric that will cover an assortment of fundamental learning in photography. Students will be pushed to create work that has the potential of representing our school at Wyoming High School Art Symposium.

## STAIN GLASS ART

**Credit – 1 Credit per year**

**Offered to grades 9-12**

Throughout this course, students study both leaded and copper foil methods. Students gain practice in drafting patterns, cutting glass, painting and staining, etching, grinding and soldering the glass together. Students will learn proportion, tools, fundamentals in stained glass. Students will be graded on a rubric that will cover an assortment of fundamentals in stain glass. Students will be pushed to create work that has the potential of representing our school at Wyoming High School Art Symposium.

## PERFORMING ARTS

Year 1	Year 2	Year 3	Year 4
Acting 1 Technical Theater	Acting 2	Acting 3	Acting 4

### ACTING I-IV

**Credit—1 per year**

**Offered to grades 9-12**

Through self and collaborative exploration, students will develop skills in all aspects of acting. During this course students will investigate voice, movement, text, improvisation, and performance within focused units of study. Students in the course will be expected to try out to attend State Drama.

### TECHNICAL THEATER I-IV

**Credit—1 per year**

**Offered to grades 9-12**

Technical theater class will introduce and refine all skill areas of stagecraft and theatrical production. You will lift things, build, paint, work online, research, work with makeup, and handle very expensive equipment in this class. There will also be a focus on design with the students designing a project to fit a script. These projects may be lighting designs, set designs, or makeup designs. Students in the course will be expected to try out to attend State Drama.

## Foreign Language

Class is not required; may be taken for elective credit.

Year 1	Year 2
Spanish I - Spanish 1010	Spanish II - Spanish 1020

### SPANISH I- SPANISH 1010 (SUCCESS CURRICULUM COURSE)

**Credit--.5 credit/semester**

**Offered to grades 10-12**

This course will be offered via college dual-credit enrollment and/or virtual education.

### SPANISH II- SPANISH 1020 (SUCCESS CURRICULUM COURSE)

**Credit--.5 credit/semester**

**Offered to grades 10-12**

**Prerequisite: Spanish I**

This course will be offered via college dual-credit enrollment and/or virtual education.

## Language Arts Department

Four English credits are required for graduation. These credits may be attained through the required English I-IV or with completion of English I-III and ENG1010/ENG1020 or ENG1010/Public Speaking, which are concurrent enrollment courses. Additional classes may be taken for elective credit.

Grade 9	Grade 10	Grade 11	Grade 12
English I	English II	English III	English IV <b>OR</b> English Composition I* (ENGLISH 1010) <b>AND</b> English Composition II* (ENGLISH 1020) <b>OR</b> Public Speaking
*concurrent credit through CWC; ACT English score of 18 required to enroll			

## **ENGLISH I: LITERATURE AND COMPOSITION I (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**  
**Required at grade 9**

This course challenges students to improve their written and oral communication skills, while strengthening their ability to understand and analyze literature in a variety of genres and informational text. Students read several types of writing, such as a variety of grade-appropriate non-fiction as well as fiction texts, an informational unit on marine life, a genre study covering fantasy, and an argumentative unit over Sports and Society. The course guides students in the close reading and critical analysis of works of literature, and helps them appreciate the texts and the contexts in which the works were written. Through in-depth planning, organizing, drafting, revising, proofreading, and feedback, they hone their writing skills. Students build on their grammar, usage, and mechanics skills with in-depth study of sentence analysis and structure, agreement, and punctuation, reinforced by online activities

## **ENGLISH II: LITERATURE AND COMPOSITION II (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**  
**Required at grade 10**

Students will read a variety of literature based on universal themes. This course challenges students to improve their written and oral communication skills, while strengthening their ability to understand and analyze literature in a variety of genres. Students enrolled in this course work on independent projects that enhance their skills and challenge them to consider complex ideas and apply the knowledge they have learned. Students read several types of writing, such as a variety of grade-appropriate non-fiction as well as fiction texts, an informational unit on Asia, a genre study covering world historical fiction, and an argumentative unit over World War II. The course guides students in close reading and critical analysis, which helps them appreciate the texts and the contexts in which the works were written. Through in-depth planning, organizing, drafting, revising, proofreading, and feedback, they hone their writing skills. Students build on their grammar, usage, and mechanics skills with in-depth study of sentence analysis and structure, agreement, and punctuation, reinforced by online activities.

## **ENGLISH III: LITERATURE AND COMPOSITION III (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**  
**Required at grade 11**

The student will evaluate literature by reading and responding to a variety of short stories, poems, novels, and informational texts. In this course, students build on existing literature and composition skills and move on to higher levels of sophistication. Students read several types of writing, such as a variety of grade-appropriate non-fiction as well as fiction texts, an informational unit on space, a genre study covering memoir, and an argumentative unit over the American Revolution. Students will become more proficient writers and readers. In composition lessons, students analyze writers' perspectives, focusing on ideas and content, structure and organization, style, word choice, and tone. Students receive feedback during the writing process from both peers and the instructor to help them work toward a polished final draft. Students expand their knowledge of grammar, usage, and mechanics through sentence analysis and structure, syntax, agreement, and conventions.

## **ENGLISH IV: LITERATURE AND COMPOSITION IV**

(SUCCESS CURRICULUM COURSE)

**Credit—1 per year**

**Required at grade 12 (unless taking ENGL1010/1020 or ENGL1010/Public Speaking)**

Students will participate in discussions and write essays, reports, creative writing pieces, and literary analyses. In this course, students build on existing literature and composition skills and move on to higher levels of sophistication. Students read several types of writing, such as a variety of grade-appropriate non-fiction as well as fiction texts, an informational unit on the Civil War era, a genre study covering dystopian literature, and an argumentative unit over Civics. Students will become more proficient writers and readers. In composition lessons, students analyze writers' perspectives, focusing on ideas and content, structure and organization, style, word choice, and tone. Students receive feedback during the writing process from peers and the instructor to help them work toward a polished final draft. Students will be writing formal essays, literary analysis essays, and short responses. Students expand their knowledge of grammar, usage, and mechanics through sentence analysis and structure, syntax, agreement, and conventions.

## **ENGLISH COMPOSITION I**

(ENGL1010)

**Credit—.5 per semester; CWC 3 credits**

**Offered to grade 12**

***Prerequisite:* Minimum ACT of 18**

This course provides students with the rhetorical foundations that prepare them for the demands of academic and professional writing. In this course, students will learn and practice the strategies and processes that successful writers employ as they work to accomplish specific purposes. In college, these purposes include comprehension, instruction, entertainment, persuasion, investigation, problem-resolution, evaluation, explanation, and refutation. In addition to preparing students for academic communication, this core-curriculum course prepares students to use writing to realize professional and personal goals. Accordingly, class discussion and readings will address the function of rhetoric and of composing processes in a variety of contexts, with attention to various audiences. Throughout the course, while engaged in a diversity of composing endeavors, students will learn to respond constructively to their peers' texts and to use peer responses (along with extensive instructor feedback) to improve the quality of their own work.

This course is available for concurrent enrollment. Students must have a minimum ACT score to enroll in this freshman level college course.

## **ENGLISH COMPOSITION II**

(ENGL1020)

**Credit—.5 per semester; CWC 3 credits**

**Offered to grade 12**

***Prerequisite:* Completion of ENGL 1010**

The second semester of college-level composition is a reading and writing course based on literary texts. Course introduces students to the study of literature through critical reading and analysis in multiple literary genres. Content includes terminology and methods for literary analysis and evaluation as well as discussion of social, intellectual, and historical influences on literary works. Students will identify and explain the distinctive characteristics and conventions of culturally diverse literary works by focusing on genre, literary technique and social context; explain and evaluate

the role and meaning of literature in diverse cultures; demonstrate ability to discuss and debate multiple interpretations of literary works using the methods of shared inquiry; engage in close readings of literary texts as support for literary interpretation in classroom discussion and written assignments; interpret the formal elements of works, using the terminology appropriate to specific literary genres; analyze works in the context of their literary, cultural, and historical backgrounds; and distinguish and apply multiple critical approaches to the analysis of literary texts;

## **PUBLIC SPEAKING**

**Credit—.5 per semester; CWC 3 credits**

**Offered to grade 12**

This public speaking course includes an examination of theoretical elements common to all speaking situations. The emphasis is on practical application, and students are required to present a number of speeches with varying emphasis. The goal of this class is to help students become effective language users, organizers, and providers of information and persuasive messages. Additionally, it is designed to help students learn that as listeners, they are coactive participants in the communication process, and to help them transfer communication fundamentals learned from public speaking to all other forms of communication.

## **MATHEMATICS DEPARTMENT**

Three mathematics credits are required for graduation. Additional classes may be taken to count as elective credits. University of Wyoming Assured Admission requires three math classes for guaranteed admission to UW which must include Algebra I, Algebra II, and Geometry (or their equivalents). Because retention of math knowledge and application is crucial, it is recommended that students take mathematics during their senior year. Applied Mathematics courses will not qualify a student for the Hathaway scholarship.

<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
Problem-Solving  Algebra I  Algebra II (Algebra I taken in 8th grade)	Geometry	Algebra II  Intermediate Algebra  Personal Finance  College Algebra*	College Trigonometry**
*concurrent enrollment with qualifying ACT or ALEKS score  **dual enrollment with qualifying ACT or ALEKS score OR completion of College Algebra on college transcript			

## **PROBLEM-SOLVING**

**Credit—1 per year**

**Offered to grades 9-12**

This course increases students' foundational mathematics skills and prepares them for success in various algebra and geometry courses by covering a variety of topics such as properties of rational numbers, the rectangular coordinate system, formulas, solving equations and inequalities, graphing linear equations, identifying and building linear functions, and solving systems of equations.

## **ALGEBRA I (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades (8) 9-12**

This course deals with the proper manipulation of numbers and variables and some of its real-life applications. Students will identify and use linear functions, solve systems of equations and inequalities, factor polynomials, and start identifying quadratic functions and equations. The graphing of the data will be used to represent algebraic formulas and their related situation and will be demonstrated by both hand sketches and computer technology.

## **ALGEBRA II (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 9-12**

***Prerequisite:* A minimum grade of "C" in Algebra is recommended**

All college-bound students should take this class. A major goal of the class is for students to develop skills in manipulating linear, quadratic, exponential, and logarithmic expressions and sentences. Students learn how to manipulate complex numbers, to calculate continuously compounded interest, and to identify and graph exponential growth and decay. Students will also be introduced to some calculus or trigonometry dependent on the upcoming year's offering.

## **GEOMETRY (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 10**

**Required of all students during or before the 10<sup>th</sup> grade**

Students will develop and apply the principles of Euclidean geometry by classifying figures and shapes according to terms of number of sides and angles, the relationships between perpendicular and parallel lines and how they create similar, symmetrical, and congruent figures. Circles and their properties will also be explored. Students will solve real world problems by using area formulas, volume formulas, and Pythagorean theorems. Students will also justify geometric statements by writing logical proofs.

## **INTERMEDIATE ALGEBRA**

**Credit—1 per year**

**Offered to grades 11-12**

This course is designed to prepare students for success in Algebra 2 or College Algebra. Topics covered include: linear functions, quadratic functions, exponential functions, systems of equations, polynomials, and right triangle trigonometry. It is expected that students will follow this course with either Algebra 2 or College Algebra. This course will be adapted to meet the individual students needs.

## **PERSONAL FINANCE**

**Credit—1 per year**

**Offered to grades 11-12**

A two-semester course designed for high school students, this course focuses on the applications of mathematics in both personal and business settings. This course contains 15 major topics encompassing many aspects of financial math: personal financial planning, income, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, consumer credit, consumer debt, economic principles, traveling abroad, starting a business, and analyzing business data. Students apply various math skills such as percents, proportions, probability, data analysis, linear systems, exponential functions and formulas to real life situations. Students participate in interactive activities and use inquiry to explore scenarios that are relevant to their lives.

## **COLLEGE ALGEBRA**

**Credit—1 per year, CWC 4 credits**

**Offered to grades 11-12**

**Prerequisite: Algebra II**

The contents of this course include a review of various skills involved in higher level math. Included in this course is work involving probability, statistics, linear and quadratic equations, polynomials, geometry, functions, limits, derivatives, and other pre-calculus related subjects. **May be taken for dual credit enrollment through Central Wyoming College with appropriate ALEKS or ACT score.**

## **COLLEGE TRIGONOMETRY**

**Credit--1 per year, CWC 3 credits**

**Offered to grades 11-12**

**Prerequisite: Completion of MATH 1400 or a COMPASS score of 65-100 in the College Algebra Domain**

Topics in this course include the trigonometric functions, numerical trigonometry, and trigonometric analysis. Other topics such as complex numbers, theory of equations, vectors and dot products will be covered if time allows.



## Physical Education & Health Department

One year of physical education is required to meet graduation requirements. This course can be taken any time during high school but will be required senior year if the requirement has not been met. Additional credits may be taken to satisfy elective requirements.

Year 1	Year 2	Years 3 and 4
Health*	Any physical education courses may be repeated for additional elective credit	Any physical education courses may be repeated for additional elective credit
General Physical Education		
Recreational Games		
Heavy Resistance (Weight Training)		
*one semester required for graduation		
Graduation requirement - one credit of any PE course		

### GENERAL PHYSICAL EDUCATION

**Credit—1 credit per year**

**Offered to grades 9-12**

Recreation and team sports such as volleyball, basketball, softball, flag football, and speedball are emphasized. Weight training plyometrics and physical conditioning will be included as part of this class.

### HEALTH (ONE SEMESTER OPPOSITE OF LIFE SKILLS)

**Credit—0.5 per semester**

**Required at grade 9**

Required health class for 9<sup>th</sup> grade students. This class will offer accurate up to date information on all health topics students need in order to make sound decisions about their personal health and to meet state/district standards for Body of Evidence requirements. Units included are mental & social health, human development, nutrition & fitness, substance abuse, preventing disease, environmental & community health, and safety & first aid.

### RECREATIONAL GAMES

**Credit—1 per year**

**Offered to grades 9-12**

This class is designed for those students who have interest in physical education outside the existing interscholastic activities offered to the varsity and junior varsity level. Students will actively take part in activities which may include archery, pickleball, table tennis, horse shoes, handball, and bowling. Weight training plyometrics and physical conditioning will be included as part of this class. The course may be repeated for additional credit. However, students who have never taken the class will be given priority during registration. Some activities may be limited by enrollment.

## HEAVY RESISTANCE

**Credit—1 per year**  
**Offered to grades 9-12**

This course is determined to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness that they can continue to use throughout a lifetime. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Students will learn to set short and long term goals and meet these goals.

The course may be repeated for additional credit. Students who have taken the class will be given priority during registration.

## Science Department

Three science credits are required for graduation; a fourth science credit is required for the first three tiers of Hathaway. Additional classes may be taken to count as elective credits.

<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
General Science	Biology	Forensic Science OR Intro to Chemistry* OR Physics* OR Human Anatomy OR Ecology	Forensic Science OR Intro to Chemistry* OR Physics* OR Human Anatomy OR Ecology
*CWC concurrent credit available			

## GENERAL SCIENCE (SUCCESS CURRICULUM COURSE)

**Credit—1 per year**  
**Required at grade 9**

This course is designed to provide an introduction to Physics, Chemistry, and Earth and Space Science. Units of study will include laws of motion, energy, gravity, waves, atoms, the periodic table, matter, chemical bonds and chemical reactions, plate tectonics, surface processes, weather and climate, the solar system, constellations, and star life cycles.

## **GENERAL BIOLOGY (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 10-12**

**Required at grade 10**

This course is designed to provide a one-semester introduction to biology for non-majors and the first semester of a two-semester sequence for majors and others who wish to explore biology in greater depth. The course begins with a sequence that includes the cell as a fundamental unit of life, membranes, cell specialization and diversity, and cellular chemistry. The energy pathways and cycles making up the processes of photosynthesis and respiration are examined. A major amount of lecture and laboratory time is devoted to the important areas of genetics.

## **HUMAN ANATOMY AND PHYSIOLOGY\* (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 11-12**

**Prerequisite: Biology**

After the conclusion of this course, the student will be able to; apply science knowledge and skills to a variety of purposes, develop skills in using technology and recognize the relationship between technology and science including its potential limits. This course will focus on the skeletal system, muscular system, circulatory system, reproductive system, and nervous system. There will be required reading outside of the class time and labs for each unit may involve dissection.

## **INTRO TO CHEMISTRY\* (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 11-12**

Chemistry is an investigation of materials, their composition, properties, interactions and transformations. It is a study of the elements formed in nature and man, and of the compounds that they form. This study of chemistry will include a correlated approach of theory, calculations, and laboratory experiments. May be taken for concurrent enrollment through Central Wyoming College.

## **PHYSICS\* (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 11-12**

A thorough study of vectors and their applications to force problems along with a study of heat principles, wave phenomena and electricity. It is recommended the student desiring to take physics should have completed Algebra I. May be taken for concurrent enrollment through Central Wyoming College.

## **ECOLOGY (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 11-12**

This life science course will cover basic principles from environmental, physical, and biological sciences. It will examine the relationship between living organisms and their habitats by studying Earth Systems, The Living World, Population Studies, Ecological Impacts, and Taxonomic Studies of different animal phyla. This course will use a mixture of lecture, hands-on activities, writing, and traditional assessments to teach the context.

**FORENSIC SCIENCE (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 11-12**

Forensic science is a course rich in exploration and lab investigation which applies many disciplines of scientific study such as biology/anatomy, chemistry, and physics to solving crimes. We will hit on several of the different scientific disciplines in our quest to tie them to real-world criminal cases. This course will see hands-on investigations and case studies of a variety of cases, and the science that was used to solve them.

**Social Studies Department**

Three social studies credits are required for graduation. United States History is required at grade 11 and American Government/Economics is required at grade 12. Other classes may be taken to satisfy elective credits.

<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
World History		United States History	American Government and Economics*
Life Skills** (required for 9th grade students opposite of Health).			
*CWC concurrent credit available **not approved for SS graduation/Hathaway requirements Three Social Studies credits are required for graduation and Hathaway Success Curriculum			

## **LIFE SKILLS (ONE SEMESTER OPPOSITE OF HEALTH)**

**Credit - .5 credit/year**

**Required Course for 9th grade students**

This one-semester required course is designed to increase students' knowledge of and ability in using the skills necessary for everyday living. A comprehensive course designed to develop basic living skills, exploring possible colleges and careers that match their needs, interests, and talents, money management, steps in getting a job, housing, driver safety and emergency procedures.

## **WORLD HISTORY (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Offered to grades 9-12**

This class is an historical overview of people, places and events that shaped our world from the beginning of man to today. Topics that will be covered: Roman and Greek civilizations, Asian civilizations, African civilizations, the Americas, the Crusades, the Renaissance, Exploration, European and American revolutions, the Industrial Revolution and the World Wars.

## **UNITED STATES HISTORY (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Required at grade 11**

This required year-long course of instruction will focus on American progressivism from the late 1800's up to the Mid-1950's. Specifically it will examine conditions before and after progressives responded to living and working conditions, Spanish-American War, Roaring Twenties, Great Depression, Traditionalism vs Modernism, and WWI and WWII.

## **HONORS UNITED STATES HISTORY (SUCCESS CURRICULUM COURSE)**

**Credit—1 per year**

**Required at grade 11**

This required year-long course of instruction will focus on American progressivism from the late 1800's up to the Mid-1950's. Specifically it will examine conditions before and after progressives responded to living and working conditions, Spanish-American War, Roaring Twenties, Great Depression, Traditionalism vs Modernism, and WWI and WWII. In addition, students will study Fredrick Jackson Turner's thesis of the American Frontier and how it shaped early American history. Last, students will study the Comanche Empire as a force in the west during the arrival of frontiersmen.

## AMERICAN GOVERNMENT & ECONOMIC SYSTEMS (SUCCESS CURRICULUM COURSE)

**Credit—1 per year**

**Required at grade 12**

This required yearlong course of instruction will help the student appreciate the inherent differences between democratic political structures and those of other nations. Moreover, the student will be exposed to the economic forces that govern their lives and how best they may access this system in the future.

**Concurrent enrollment with CWC is possible.**

## Student Aide Program

### STUDENT AIDE

**Credit--.25 per semester, no GPA points, S/U grading**

**Offered to grades 12 (11<sup>th</sup> grade by teacher request, only)**

One-quarter credit per semester may be earned by working as an aide to a teacher for one period a day; students and staff are limited to one student aide per day. Students must meet the following criteria: At least a 'C' average, no excessive absences per school policy, completion of 150 word essay for placement, teacher recommendation form, and parent and teacher signature. This option is offered to SENIORS only, unless a junior is specifically requested by a teacher. Types of activities expected of student aides include typing, filing, setting up labs, cleaning, doing laundry, creating bulletin boards, leading small group instruction, providing assistance with technology, and one-on-one tutoring.. Teachers must be responsible for attendance, ensure student aide is participating in meaningful activities, responsible for whereabouts and behavior of student aide, and student aides cannot assist with any grading. For purposes of valedictorian/salutatorian determination, a student taking full credit courses will not be penalized versus a student taking a student aide, i.e. the divisor becomes smaller for students in the student aide course.

[Student Aide Contract](#)

### Nondiscrimination Statement

**Fremont County School District #24** does not discriminate on the basis of race, color, national origin, sex, age, or disability in admission or access to, or treatment or employment in, its educational programs or activities. Inquiries concerning Title VI, Title IX, and Section 504, or the Americans with Disabilities Act, may be referred to the **District Superintendent**, Coordinator for the Office for Civil Rights, Fremont County School District #24, 404 Wrangler Way, Shoshoni, WY 82649, or phone (307) 876-2583, or the **Wyoming Department of Education, Office for Civil Rights Coordinator**, 122 W. 25th St, Ste E200, Cheyenne, WY 82002-0050, or (307)777-6218, or **Office for Civil Rights, Region VIII, U.S. Department of Education**, Federal Building, Suite 310, 1244 Speer Boulevard, Denver, CO 80204-3582, or (303)844-5695 or TDD (303)844-3417