

# 2017-2018

# Course Guide



**Teaching Effectively.....Learning Successfully**



**Campbell County High School**



**Thunder Basin High School**

# TABLE OF CONTENTS

## General Information

.....	1-15
-------	------

## Core courses

Course Code Descriptions.....	16
English .....	17-23
Mathematics .....	24-31
Physical Education .....	32-35
Science.....	36-43
Social Studies.....	44-48

## Elective courses

Agriculture .....	49-53
Art.....	54-62
Auto Technology.....	63-65
Business .....	66-74
Family and Consumer Science .....	75-78
Performing Arts.....	79-86
Technical Education .....	87-92
World Languages.....	93-101
Additional Electives.....	102-103
Pathways .....	104-114

## GRADUATION REQUIREMENTS

Full-time student status: Wyoming High School Activities Association (WHSAA) criteria requires five (5) classes per semester.

### **2017 - 2018 Graduation Requirements**

<b>Department</b>	<b>Credit</b>	<b>Must Include:</b>
ENGLISH	4 Credits	<ul style="list-style-type: none"> <li>• 1 credit each of Freshman, Sophomore, and Junior English AND</li> <li>• 1 credit of Senior English to include                             <ul style="list-style-type: none"> <li>○ ½ credit of Senior English Speech AND ½ credit of Senior English Literature OR</li> <li>○ College English 1010 AND Communications 1010: Intro to Public Speaking OR</li> <li>○ AP English Literature and Composition</li> </ul> </li> </ul>
MATH	3 Credits	<ul style="list-style-type: none"> <li>• 1 credit of Algebra I</li> </ul>
SCIENCE	3 Credits	
SOCIAL STUDIES	3 Credits	<ul style="list-style-type: none"> <li>• 1 credit of World Cultures OR World History</li> <li>• 1 credit of American History</li> <li>• ½ credit of Economics</li> <li>• ½ credit of American Government</li> </ul>
PHYSICAL EDUCATION	2 Credits	<ul style="list-style-type: none"> <li>• ½ credit of Health Literacy</li> </ul>
ELECTIVES	12 Credits	
<b>TOTAL</b>	<b>27 Credits</b>	

### **2018 - 2019 Graduation Requirements**

<b>Department</b>	<b>Credit</b>	<b>Must Include:</b>
ENGLISH	4 Credits	<ul style="list-style-type: none"> <li>• 1 credit each of Freshman, Sophomore, and Junior English AND</li> <li>• 1 credit of Senior English to include                             <ul style="list-style-type: none"> <li>○ ½ credit of Senior English Speech AND ½ credit of Senior English Literature OR</li> <li>○ College English 1010 AND Communications 1010: Intro to Public Speaking OR</li> <li>○ AP English Literature and Composition</li> </ul> </li> </ul>
MATH	3 Credits	<ul style="list-style-type: none"> <li>• 1 credit of Algebra I</li> </ul>
SCIENCE	3 Credits	
SOCIAL STUDIES	3 Credits	<ul style="list-style-type: none"> <li>• 1 credit of World Cultures OR World History</li> <li>• 1 credit of American History</li> <li>• ½ credit of Economics</li> <li>• ½ credit of American Government</li> </ul>
PHYSICAL EDUCATION	2 Credits	<ul style="list-style-type: none"> <li>• ½ credit of Health Literacy</li> </ul>
ELECTIVES	11 Credits	
<b>TOTAL</b>	<b>26 Credits</b>	

## 2019 - 2020 Graduation Requirements

Department	Credit	Must Include:
ENGLISH	4 Credits	<ul style="list-style-type: none"> <li>1 credit each of Freshman, Sophomore, and Junior English AND</li> <li>1 credit of Senior English to include               <ul style="list-style-type: none"> <li>½ credit of Senior English Speech AND ½ credit of Senior English Literature OR</li> <li>College English 1010 AND Communications 1010: Intro to Public Speaking OR</li> <li>AP English Literature and Composition</li> </ul> </li> </ul>
MATH	3 Credits	<ul style="list-style-type: none"> <li>1 credit of Algebra I</li> </ul>
SCIENCE	3 Credits	<ul style="list-style-type: none"> <li>1 credit of Biology I</li> </ul>
SOCIAL STUDIES	3 Credits	<ul style="list-style-type: none"> <li>1 credit of World Cultures OR World History</li> <li>1 credit of American History</li> <li>½ credit of Economics</li> <li>½ credit of American Government</li> </ul>
PHYSICAL EDUCATION	2 Credits	<ul style="list-style-type: none"> <li>½ credit of Health Literacy</li> </ul>
ELECTIVES	10 Credits	
<b>TOTAL</b>	<b>25 Credits</b>	

## Graduation Requirements for 2020 – 2021 and following years

Department	Credit	Must Include:
ENGLISH	4 Credits	<ul style="list-style-type: none"> <li>1 credit each of Freshman, Sophomore, and Junior English AND</li> <li>1 credit of Senior English to include               <ul style="list-style-type: none"> <li>½ credit of Senior English Speech AND ½ credit of Senior English Literature OR</li> <li>College English 1010 AND Communications 1010: Intro to Public Speaking OR</li> <li>AP English Literature and Composition</li> </ul> </li> </ul>
MATH	3 Credits	<ul style="list-style-type: none"> <li>1 credit of Algebra I</li> </ul>
SCIENCE	3 Credits	<ul style="list-style-type: none"> <li>1 credit of Biology I</li> </ul>
SOCIAL STUDIES	3 Credits	<ul style="list-style-type: none"> <li>1 credit of World Cultures OR World History</li> <li>1 credit of American History</li> <li>½ credit of Economics</li> <li>½ credit of American Government</li> </ul>
PHYSICAL EDUCATION	2 Credits	<ul style="list-style-type: none"> <li>½ credit of Health Literacy</li> </ul>
ELECTIVES	9 Credits	
<b>TOTAL</b>	<b>24 Credits</b>	

## Community Project (Early Release) Policy

### Qualifications:

- Seniors only
- Must be on track for graduation (21 credits minimum at beginning of school year and 24 credits minimum at semester)
- Must maintain a 3.0 cumulative GPA

### AND

- One (1) of the following:
  - Minimum score of a 21 Composite on the ACT Test
  - OR
  - Score proficient in two of these three subject areas on the ACT Test
    - Reading – 16 / Math – 17 / Science – 20

*\*\*\* Community Project will be recalculated periodically and can be earned or forfeited at administrator's discretion.*

## Teacher Assistant

- Eligibility to be determined by administrators at each school.
- One (1) Teacher Assistant class per semester
- Teachers are allowed one teacher assistant per day.

## AP Classes – Advanced Placement

AP classes are the most demanding courses offered at the high school. Students earn high school credit and prepare for the AP test given in that subject area. AP tests are subject-specific national exams given in May. The AP test scored on a five (5) point scale; scoring 3, 4 or 5 may possibly earn college credit, determined by the university the student attends. AP exam fees are the responsibility of the student.

## AP Classes

- |                         |   |
|-------------------------|---|
| • AP Biology            | • AP Macroeconomics                     |
| • AP Physics            | • AP Calculus AB and BC                 |
| • AP Chemistry          | • AP German Language and Culture        |
| • AP Spanish Language   | • AP English Language and Composition   |
| • AP Spanish Literature | • AP English Literature and Composition |

*\*\*\* All students enrolled in an AP course **must** take the AP test in May \*\*\**

## Graduation Recognition Levels

### Valedictorian:

- 4.0 GPA (class rank GPA scale) and
- Two (2) AP courses

### Salutatorian:

- Minimum 3.9 GPA (class rank GPA scale) and
- One (1) AP course

### Graduation with Honors:

- Minimum 3.75 GPA (cumulative GPA scale)

## Grade Scales

The grade conversion chart below will be used for conversion of grades from percentage to letter grades, class rank GPA, and cumulative GPA. Class rank GPA will be determined according to the conversion chart. Only students progressing toward a regular diploma will be included in class rank. Class rank GPA will ONLY be used to report class rank and to make determinations for valedictorian/salutatorian honors. Cumulative GPA will be determined according to the conversion chart. This GPA is considered the student's official GPA and will be reported on student transcripts.

<b>Percent Score</b>	<b>Letter Grade</b>	<b>Class Rank GPA*</b>	<b>Cumulative GPA**</b>
98-100	A+	4.000	4.000
93-97	A	4.000	4.000
90-92	A-	3.666	4.000
88-89	B+	3.333	3.000
83-87	B	3.000	3.000
80-82	B-	2.666	3.000
78-79	C+	2.333	2.000
73-77	C	2.000	2.000
70-72	C-	1.666	2.000
68-69	D+	1.333	1.000
63-67	D	1.000	1.000
60-62	D-	0.666	1.000
59 & Below	F	0.000	.000

\*Class rank GPA is used ONLY for determining Valedictorians and Salutatorians.

\*\*Cumulative GPA is used for determining Hathaway level.

## **WARRANTY:**

CCSD will extend a Warranty to all CCSD graduates who have earned at least 10 credits toward their graduation from CCSD schools. The Warranty will provide county employers and employees the opportunity to request remediation in the following skill areas:

- 1) Basic Math
- 2) Writing Skills
- 3) Reading Comprehension

The Warranty will be in effect from the date of graduation until the student's 20<sup>th</sup> birthday. The Warranty process will be as follows:

- 1) The employer and/or employee will contact the school granting the diploma for a petition form
- 2) The employer and/or employee will file the petition with the principal outlining the skill deficit area
- 3) The principal will review the petition, and if justified, will cause the formation of an assessment team to analyze the problem.
- 4) The principal, assessment team representative, and employee/graduate will meet to discuss the assessment.
- 5) The team will prescribe instruction, if justified.
- 6) Instruction will be a CCSD's expense.

As an additional service to employers, CCSD will advertise the fact that high school attendance is expressed as a percentage figure on all CCSD diplomas.

## **GUARANTEE**

Students who wish to take advantage of the Campbell County School District Guarantee must meet the following criteria:

- 1) Graduated with a 3.0 GPA or better
- 2) Earned at least (10) credits toward graduation from CCSD schools.
- 3) Completed the recommended college preparation curriculum as follows:
  - English (four years or more)
  - Mathematics (four years or more)
    - Math must be taken during senior year
    - One year credit each for Algebra I, Geometry, Algebra II
    - One year credit for Pre-Calculus, or Calculus I
  - Social Studies (four years or more)
    - One year credit each for American History, World History, and American Government / Economics]
  - Natural Science (four years or more)
    - One year credit each for Biology, Chemistry, General/Physical/Earth Science, and Physics

The Guarantee will entail tuition reimbursement for any remedial course work required by a trade school, community college or university prior to the student's entry into a regular course sequence. The reimbursement for actual course registration costs not to exceed the University of Wyoming resident rate. The student must provide the high school with receipt of tuition cost for the remedial course as well as a transcript. The guarantee will be in effect from the date of graduation until the student's 20<sup>th</sup> birthday. Students who find themselves in this situation should contact the principal of the high school he or she attended.

## Courses with College Credit



### Contact Information

Laura Kemp  
686-0254 Ext. 1432

- Concurrent Enrollment consists of courses offered to high school juniors and seniors that allow them to take college level courses within the high school day with regular high school faculties at CCHS / TBHS for both high school and college credit.
- The number of college credits a student earns will be dependent on the number of courses completed with a grade of C or better. ALL passing grades receive CCHS / TBHS credit. Students must meet regular college course prerequisites and criteria to be eligible for college credits. Eligibility for College English and College Calculus are based on the ACT scores or the college placement exam scores. For College English a 18 or above must be scored on the English portion of the ACT test; for College Calculus, a 27 or above must be scored on the Math portion of the ACT test. **Qualifying ACT scores/placement exam scores must be obtained by the first day of school.**
- For courses held at the high school during the regular high school class hours, the student is not responsible for tuition and fee payment. Tuition and fees are paid by the local school district through an agreement between Gillette College and CCHS / TBHS. Students are expected to purchase the required texts before the first class meeting.
- Concurrent enrollment credits that are designated as transfer courses (not vocational courses) will transfer to most local area colleges in Wyoming, Montana, South Dakota, and Nebraska. **Please inquire with the college of your choice to determine eligibility of credit transfer.**
- Concurrent enrollment credits for courses that are specific to a program or a certificate are eligible for Sheridan College/Gillette College credit ONLY. College credit is earned through Sheridan College/Gillette College.

This listing of courses represents the anticipated offerings for the 2017-2018 school year.

<b>Concurrent Enrollment Classes</b>		
<b>CCHS / TBHS Course</b>	<b>Gillette College Course</b>	<b>Credit Hours</b>
Accounting II	ACCT 1010 Accounting I	4
Ag Business	AGEC 1005 Survey of Agri-Management	4
Agriculture Education IV	AGEC 1000 Ag Orientation	2
Animal Science II Advanced	ANSC 1010 Livestock Production	3
Art Portfolio: Graphic Design	INET 1611 Photoshop	3
Auto Technology II	ELTR 1540 Heavy Duty Electrical Systems	4
Calculus	MATH 2200 Calculus I	4
College English 1010	ENGL 1010 English I	3
College US History	HIST 1211 US History to 1865	3
College US History	HIST 1221 US History from 1865	3
Communications 1010: Intro to Public Speaking	CO/M 1010 Intro to Public Speaking	3
Computer Aided Drafting and Design (CADD)	ENTK 1500 Engineering Graphics	3
Construction Technology	CNTK 1560 Const. Safety & Safe Use of Tools	2
	CNTK 1870 Const. Materials & Methods	3
Professional Foods I	CULA 1100 Basic Culinary Skills	3
Professional Foods II	CULA 1510 Sanitation	1
Spanish III	SPAN 1010 1st Year College Spanish I	4
Spanish IV	SPAN 1020 1st Year College Spanish II	4
Welding II	WELD 1700 General Welding	4
Machine Tool Technology I (Taught at high schools)	MCHT 1610 Machine Tool Tech I	6
	MCHT 1600 Machine Tool Skills Lab	1

**The Memorandum between Gillette College and Campbell County School District is renewed annually. *Courses offered are subject to change at any time at the discretion of Gillette College.***

## Camel / Bolt Advantage Scholarship Program

Camel and Bolt Advantage are programs offered to qualified juniors and seniors at Campbell County and Thunder Basin High Schools. These programs give you a chance to experience actual college classes and college life before graduating from high school. Participating students enroll in college courses taken at Gillette College and attend classes at the college during the school day or in the evenings. On-line courses offered through the college also qualify. Students who qualify receive a scholarship that pays full tuition and fees for all coursework taken as long as you maintain satisfactory grades.

All Camel / Bolt Advantage students attend classes just like all other college students. Organizing time, getting to class, developing responsibility to deal with various requirements, and actually functioning in college will be a great transition to and preparation for college enrollment following high school graduation. Successful students will receive college grades on a college transcript, and fully transferable college credits.

Two kinds of courses are available through this program. Transfer courses, those that are designed to transfer into a Baccalaureate Degree at a community college or university; like English, math, psychology, government, economics, etc., are available and fulfill nearly all college general education requirements. In addition, advanced career-technical education courses (CTE) are available to student who have completed the basic curriculum at the high school (welding, diesel, etc.) Think of the advantage you'll have when you finally enroll in college as a full-time student. College classes and expectations will be nothing new to you. You will have already successfully participated in a transition to college course work and you will be ready to face college life with ease.

The high school will release Camel / Bolt Advantage students from high-school classes on a case-by-case basis as needed. First-time enrollees are limited to six credits at the college or generally two classes. After one successful semester, a student may take up to 16 credits (full-time college status) at the college. All courses taken via the Camel / Bolt Advantage program are taken for credit at both the high school and the college.

Daytime classes at the college tend to fill quickly once registration opens so don't delay. If you plan to take advantage of this program, try to sign up and register early in order to have the best choice and flexibility in choosing classes.

**Requirements for Participation:**

- Juniors & Seniors: ACT Composite of **23 or higher**
- Compass scores may NOT be used to qualify for this scholarship.
- **CTE Courses:**
  - Student must have completed basic courses in the CTE program at the high school
  - **ACT score not required.**

**How do I sign up?** Speak with your counselor and let him/her know you're interested. Then call Dr. Winter at 689-5128 to schedule an appointment to get approval for the scholarship.

**Will the college credits transfer?** The credits taken at Gillette College will transfer to most major colleges and universities in the country, this is determined by the college or university you will be attending.

**What does this cost?** All tuition and fees for the courses will be paid by BOCHES (Board of Cooperative Higher Education Services). Students are responsible for books and all course materials required.

**What courses can I take at the college?** Any non-remedial college-level course 1000 level or above with approval by the CCHS / TBHS Principal qualifies.

**When can I begin this program?** Students who qualify may begin the program in the summer semester prior to their junior year in high school or any time after.

**Can I use the Camel / Bolt Advantage program for summer college classes?** Yes as long as you are at least a junior and have not yet graduated from high school.

**Would I be a college or high school student?** Both. Students are treated just as all other college students when in class at the college and just like all other high school students when at class in the high school. Students who enroll in the courses will receive the same grade for the course at BOTH the high school and the college.

**Is transportation provided?** No. You are responsible to get to and from your college classes.

# REQUIREMENTS

	HONORS	PERFORMANCE	OPPORTUNITY	PROVISIONAL
	\$1,680	\$1,260	\$840	\$840
<b>MAX AWARD AMOUNT</b>	8 full-time semesters			4 full-time semesters. Students with a certificate can extend for an additional 4 full-time semesters at a community college.*
<b>WHERE YOU CAN USE IT</b>	May be used at a WY community college or UW			Must start at a WY community college
<b>LANGUAGE ARTS (YEARS)</b>	4 (9-12 grade only)			Current HS graduation requirements
<b>MATH (YEARS)</b>	4 (grades 7-12) Algebra I, Algebra II, Geometry and one additional math course			Current HS graduation requirements; at least 2 of these courses: Algebra I, Algebra II, Geometry
<b>SOCIAL STUDIES (YEARS)</b>	3 (9-12 grade only)			Current HS graduation requirements
<b>SCIENCE (YEARS)</b>	4 (9-12 grade only) Only 1 year of additional science can be taken			Current HS graduation requirements
<b>FOREIGN LANGUAGE (YEARS)</b>	2 Sequential Courses 1 HS level course before 9th grade allowed		NONE	NONE
<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
<b>ADDITIONAL REQUIREMENTS</b>	2 years of either fine arts, career and technical education, or additional foreign language (non-sequenced) (9-12 grade only)		2 years of either fine arts, career and technical education, or 2 years foreign language (sequenced) (9-12 grade only)	

\*Students with an associate's degree can extend for an additional 4 full-time semesters at UW.

## **WHSAA and Transferring to a New School**

The purpose of the WHSAA Transfer Rules (Rule 6.4.0 thru Rule 6.4.93) is to protect, not inhibit students who participate in athletic competition. The Transfer Rule is preventative in nature and is devised to eliminate the incentive to transfer schools when a motivation is for athletic purposes and after a student has initially chosen the school of his/her choice. The Transfer Rule protects students who have previously participated in athletic competition at a member school from being replaced by students who transfer for athletic purposes and further protects students at other member schools from the effects of a school shopping by students (Rule 4.1.2) and recruiting by member schools and their agents (Rule 4.1.1 and Rule 4.1.2). The Transfer Rule encourages fair play, discourages the excesses and abuses of over enthusiastic promotion and protects the integrity of interscholastic athletic programs for the member schools and their students. The eligibility of a transfer student must be established by school records or verification from the sending school. The responsibility for establishing eligibility rests with the receiving school. A student's residence is the home in which the parent(s) or legal guardian actually, physically live. Resident can be changed only by the union of act and intent. The residence of a person is where his habitation is fixed and to which, whenever he is absent, he has the intention of returning. A change of residence can only be made by the act of removal joined with the intent to remain in another place. There can be only one residence. The only legal guardianship that is recognized by the WHSAA for transfer rule purposes is that legal guardianship which has been established at least 12 months prior to the student's moving to a new school and the fact that the student has been living with that legal guardian in their previous school setting.

6571 East 2nd Street  
Casper, Wyoming 82609

## 2016-2017

## GENERAL RULES OF ELIGIBILITY

These rules are WHSAA minimum requirements. WHSAA member schools may establish additional rules. For a complete copy of these rules, please see your principal or activities director.

## A STUDENT

1. \* Must have passed in at least five solid subjects in the immediate preceding semester, must be passing five solid subjects currently, and must be enrolled in not less than 20 class hours of work. Special education students must meet IEP goals set for them.
2. Must be under twenty years of age on August 1 for fall sports, November 1 for winter sports, and March 1 for Spring sports.
3. Must have been in residence at the school he or she is representing for one year from date of enrollment unless
  - a. Entering ninth grade for the first time.
  - b. Transferring into a school due to a move on the part of parent or legal guardian of twelve months.
  - c. Assigned to a foster home by court order.
  - d. Transferring from a school which has been discontinued or consolidated.
  - e. Student did not compete in the same activity which is being participated in at varsity level at new school during twelve months prior to enrollment at new high school.
4. Must not have changed schools due to influence by any person(s) or promises of preferential treatment.
5. \* Must not have been in attendance for more than four fall or four spring semesters, for a total of eight semesters, which will be counted consecutively after the student enters the ninth grade.
6. Must have had a physical examination prior to first practice, but not before May 1 of this year.
7. Must have practiced for the required number of days dependent upon the sport. (Check with Principal)
8. \* Must not participate with an independent team while a member of high school competing squad in the same sport or activity.
9. Must not have received any awards with a value greater than \$250 or any cash as the result of athletic involvement.
10. \* Must be currently enrolled in the school student is competing with, be in good standing and doing twenty hours of class work per week.
11. Must be an amateur - one who has never used and is not now using athletic skill for monetary gain.
12. Must not have participated in athletics with any college or university group.

\* *Fine Arts & Vocational participants need only meet these requirements.*

[illegible]

## SCHOOLS, REMEMBER...

1. To get physicals on athletes before they participate in practice or contest.
2. To check the number of practice days for each participant.
3. To have on file in school OFFICE (before competition) a master eligibility list of all students participating in interscholastic activities and the eligibility rules pamphlet sign-off for each participant.
4. To submit transfer form for pupils transferring into your school.
5. To send an athletic schedule, including names of officials for home events, to all schools with whom competing and to the WHSAA office
6. To hire only WSOA registered officials

## U.S. High School Student Eligibility Checklist

### Step 1: Submit your online profile

- ☐ **Create an account at PlayNAIA.org with a valid email address and pay the registration fee.**  
A confirmation code is sent to your email. If it does not appear in your inbox right away, be sure to check your spam/junk.

REGISTER NOW ➔

Pro-Tip: *Register as early as your junior year*

- ☐ **Complete, review and *submit* your online profile.**  
Review your information on the Profile Summary page to make sure it is accurate before clicking "submit." *You are required to **submit** your online profile to be placed in line for a decision.*

Pro-Tip: *Opt-in to texting to receive status updates*

### Step 2: Send us your HS transcript and test scores

- ☐ **Send official high school transcripts.**  
*Don't get sidelined while waiting on your transcripts to arrive! We need an **official** transcript sent directly from your graduating high school only. Ask your high school guidance counselor to quickly upload your official transcript through the **NAIA high school portal** or patiently send via the mail. *Eligibility requirements:**

Post-junior year:  
3.0 GPA +  
Qualifying Test  
Score

OR

Mid-senior year:  
2.5 GPA +  
Qualifying Test  
Score

OR

HS Graduates: 2.0  
GPA + Class Rank  
or Qualifying Test  
Score

- ☐ **Send ACT/SAT scores.** Request your official SAT or ACT test scores be sent directly from the testing service using our code:

9876

### Step 3: Check your To Do List regularly

- ☐ **Check your To Do List to monitor your decision progress.**  
You can view your status at any time by logging into PlayNAIA.org to view your custom To Do List.

After step 1 and 2 from above are complete, it takes 3 business days for the Eligibility Center staff to compute your cumulative GPA and evaluate if you meet two of the three eligibility requirements (may take longer if you're seeking an early decision – depending on the time of year).

**Questions?** Our team is available to answer your questions.

Contact us at [ECinfo@naia.org](mailto:ECinfo@naia.org) or (816) 595-8300

**Remember – The Big Three!**

- 1.) Online profile is fully submitted
- 2.) All required, official records are received
- 3.) Placed on an NAIA school's Short List

# WEBSITE REGISTRATION CHECKLIST

Take your first step to becoming an NCAA student-athlete at [eligibilitycenter.org](https://eligibilitycenter.org).

Choose from our two account types to get started:

- 1. Certification Account:** You need to be certified by the NCAA Eligibility Center to compete at an NCAA Division I or II school. You also need to be registered with a Certification Account before you can make official visits or sign a National Letter of Intent in Division I or II.
- 2. Profile Page:** If you plan to compete at a Division III school or are currently unsure in which division you want to compete, create a Profile Page. If at any time you wish to pursue a Division I or II path, you will be able to transition to a Certification Account.

For Certification Accounts, please allow between 30 to 45 minutes to register completely. If you need to exit and come back at a later time, you can save and exit once your account or profile is created.

Reference the Help section located in the top task bar at any time to answer your questions as you work through registration.

**Below is a list of items we recommend you have before beginning your registration with the NCAA Eligibility Center:**

## Valid Student Email

You need a valid email address that you check regularly to register. This is important for updating prospective student-athletes about their account. For more information about accepted emails, please reference our [FAQ](#).

traditional high school season. It also includes information about any individuals who have advised you or **marketed** your skills in a particular sport. This information helps the Eligibility Center certify your amateur status when it is requested by an NCAA school.

## Basic Student Personal Information

This includes information such as your name, gender, date of birth, primary and secondary contact information, and address.

## Payment

For Certification Accounts, nonrefundable registration fee for U.S., U.S. Territories\* and Canadian students: \$80

## Basic Student Education History

Please include details about all high schools or secondary schools you have attended in the United States or internationally, and additional programs you have attended.

\*U.S. Territories include American Samoa, Guam, Northern Mariana Islands, Puerto Rico and U.S. Virgin Islands.

Nonrefundable registration fee for international students: \$135

**Check** if your school has a list of NCAA-approved courses.

The NCAA Eligibility Center accepts Visa, MasterCard, Discover and American Express. For payment questions, look [here](#). Some individuals may qualify to apply for a [fee waiver](#).

## Student Sports Participation History

For Certification Accounts, this includes details for any expenses or awards you received, any teams you have practiced or played with or certain events in which you participated outside of the

## Next Steps

Stay on track in high school and understand these [quick tips](#) to help in your eligibility process.

**For more information, please visit:** [www.NCAA.org/playcollegesports](https://www.NCAA.org/playcollegesports).

If you want to play sports at an NCAA Division I or II school, start by registering with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org) during your sophomore year.

## Core Courses

This simple formula will help you meet the Divisions I and II core-course requirement:

$$4 \times 4 = 16$$

4 English courses (one per year)

+ 4 math courses (one per year)

+ 4 science courses (one per year)

+ 4 social science courses (one per year)

16 NCAA CORE COURSES

## Grade-Point Average

The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved core courses. Visit [eligibilitycenter.org](http://eligibilitycenter.org) for a full list of your high school's core courses.

## Sliding Scale

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. If you have a low GPA, you need a higher test score to be eligible. Find more information about sliding scales at [NCAA.org/playcollegesports](http://NCAA.org/playcollegesports).

## Test Scores

You may take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code 9999) as a score recipient whenever you take a test. We can accept official scores only from ACT or SAT and we won't use the scores from your high school transcript. If you direct the ACT or SAT to send us your scores every time you take a test, we will choose the best scores from each test subject to create your sum score.



## ACADEMIC STANDARDS

### DIVISION I

To play sports at a Division I school, you must graduate from high school and meet ALL the following requirements:

1. Complete 16 NCAA core courses:
  - 4 years of English
  - 3 years of math (Algebra 1 or higher)
  - 2 years of natural/physical science (including one year of lab science if your high school offers it)
  - 2 years of social science
  - 1 additional year of English, math or natural/physical science
  - 4 additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy
2. Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.
3. Earn at least a 2.3 GPA in your NCAA core courses.
4. Earn an ACT sum score or SAT combined score that matches your core-course GPA on the Division I sliding scale.



### DIVISION II

To play sports at a Division II school, you must graduate from high school and meet ALL the following requirements:

#### Before August 1, 2018

1. Complete 16 NCAA core courses.
2. Earn at least a 2.0 GPA in your NCAA core courses.
3. Earn an ACT sum score of 68 or an SAT combined score of 820.

#### After August 1, 2018

1. Complete 16 NCAA core courses.
2. Earn at least a 2.2 GPA in your NCAA core courses.
3. Earn an ACT sum score or SAT combined score that matches your core-course GPA on the Division II sliding scale.

#### Core Courses for Division II

To play sports at a Division II school, you must complete these NCAA core courses:

- 3 years of English
- 2 years of math (Algebra 1 or higher)
- 2 years of natural or physical science (including one year of lab science if your high school offers it)
- 2 years of social science
- 3 additional years of English, math or natural or physical science
- 4 additional years of English, math, natural or physical science, social science, foreign language, comparative religion or philosophy.

### DIVISION III

Division III schools provide an integrated environment focusing on academic success while offering a competitive athletics environment. While Division III schools do not offer athletics scholarships, 75 percent of Division III student-athletes receive some form of merit- or need-based financial aid.

If you are planning to attend a Division III school, you do not need to register with the NCAA Eligibility Center. Division III schools set their own admissions standards.

## Course Code Descriptions

Each course within the handbook is labeled with a code that identifies the level of rigor for that course. The majority of courses are taught at a level of rigor appropriate for that grade level and are marked G for General. Some courses are designed to focus on basic skill development in order to prepare a student for a general course and are marked B for Basic. By contrast, some courses are designed with a higher level of rigor and are marked E for Enriched. Enriched courses challenge students with a fast paced curriculum and greater depth of study in the respective content area. Advanced Placement (AP) courses fall within this category. In addition, courses designated with a C are college level courses designed to earn credit at a postsecondary institution. While AP courses provide the opportunity for college credit as well, earned credit depends upon AP exam scores and the policy of the accrediting institution. All courses, regardless of level, are aligned to adopted Wyoming content standards.

### Course Code Descriptions

**B=Basic:** This course focuses primarily on skills development, including literacy in language, mathematics, and the physical and social sciences. These course are typically less rigorous than standard courses and are intended to prepare a student for a general course.

**G=General:** This course provides instruction that focuses primarily on general concepts appropriate for the grade level. General courses meet the state and district expectations of scope and difficulty for mastery of the content.

**E=Enriched:** This course augments the content and rigor of a general course. The students will be challenged with a fast paced curriculum that deeply studies the topics within the discipline. AP courses within this designation provide opportunity for college credit based on an end of course exam.

**C=College:** This course is designed to be credit bearing at a postsecondary institution.

# Language Arts

All students must successfully complete 4 years of English in grades 9 through 12 as part of basic graduation requirements.

Course Level	Course	Credit	9	10	11	12	Hathaway
General	Freshman English	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X				Language Arts
Enriched	Enriched Freshman English	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X				Language Arts
General	Sophomore English	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X			Language Arts
Enriched	Enriched Sophomore English	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X			Language Arts
General	Junior English	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X		Language Arts
Enriched	Enriched Junior English	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X		Language Arts
Enriched	AP English Language and Composition	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X		Language Arts
General	Senior Literature	$\frac{1}{2}$ credit <b>Semester Course</b>				X	Language Arts
General	Senior Speech	$\frac{1}{2}$ credit <b>Semester Course</b>				X	Language Arts
Enriched	AP English Literature and Composition	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Language Arts
College	College English 1010	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 1 <sup>st</sup> semester				X	Language Arts
College	Communications 1010: Intro to Public Speaking	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 2 <sup>nd</sup> semester				X	Language Arts
General	Introduction to Journalism	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	N/A
General	Yearbook	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	N/A
General	Newspaper	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	N/A
General	Media Literacy	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	N/A

Course Name	Freshman English			
Course Number	401901	401902	Credit Type	English
Grade Level	9		Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	
Prerequisite	None			
	Freshman English			

Freshman English builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and includes the four aspects of language use: reading, writing, speaking, and listening. This course will introduce and define various genres of literature, with writing assessments often linked to reading selections.

Course Name	Enriched Freshman English			
Course Number	402901	402902	Credit Type	English
Grade Level	9		Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	Enriched		Meets Hathaway Success Curriculum	Freshman English
Prerequisite	None			

Enriched Freshman English builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and includes the four aspects of language use: reading, writing, speaking, and listening. This course will introduce and define various genres of literature, with writing assessments often linked to reading selections. Enriched Freshman English, in addition to studying various supplemental texts, will approach the curriculum with a greater depth and level of rigor. This course is designed for the student who seeks a rich and challenging experience in the English Language Arts.

Course Name	Sophomore English				
Course Number	413401	413402	Credit Type	English	
Grade Level	10	Credit	½ credit per semester		
Course Length	Year Long Course		Fee	None	
Course Level	General		Meets Hathaway Success Curriculum		Sophomore English
Prerequisite	None				

Sophomore English is an introductory course intended to develop skills in reading, writing, speaking and listening; students will read a variety of genres including short story, novel, poetry, drama and nonfiction and will utilize reading strategies to improve comprehension at literal, interpretive and applied levels. Included will be writing a personal narrative, timed essay, research project, expository essays, and will utilize writing process strategies.

Course Name	Enriched Sophomore English			
Course Number	414401	414402	Credit Type	English
Grade Level	10		Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	Enriched	Meets Hathaway Success Curriculum		Enriched Sophomore English
Prerequisite	Recommended A/B in previous year's English class/228 minimum MAP reading score			

Enriched Sophomore English is a yearlong course designed to improve student's reading, writing, speaking, listening, and thinking skills through an integrated approach to literacy development. This course fosters the development of multiple reading strategies and literacy techniques through the reading of novels, dramas, poetry, short stories, and nonfiction. Students will also develop multiple writing skills and strategies while writing personal narratives, timed essays, research papers, expository essays, and poetry. Finally, students will improve speaking skills through small group work, large group discussions, and speeches. This class is an enriched class focusing on college preparation, which requires nightly homework and moves at a brisk pace.

Course Name	Junior English			
Course Number	423501	423502	Credit Type	English
Grade Level		11	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	
Prerequisite	None			
Course Level	General		Meets Hathaway Success Curriculum	
Prerequisite	None			

Junior English covers American Literature in a holistic frame of thought. Students have an opportunity to study literature as a part of the humanities. Included are studies of the essay, short story, poem, drama, novel, and historical nonfiction; discussion and writing are the prime focus. Teachers challenge students to think, speak, read, and write on the literal, interpretive, and evaluative levels. Presented chronologically, the course covers American literature beginning with the 1600's and ending in contemporary literature. Students read novels for class and out of class. Writing assignments include reflective narrative and persuasive modes as well as research. In addition, students study vocabulary, grammar and usage each semester and will engage in ongoing preparation for the ACT plus Writing exam.

Course Name	Enriched Junior English			
Course Number	421501	421502	Credit Type	English
Grade Level		11	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	Enriched		Meets Hathaway Success Curriculum	
Prerequisite	Recommended 3.75 Cumulative GPA			
	Enriched Junior English			

Enriched Junior English covers American Literature in a holistic frame of thought. Students have the opportunity to study literature (the essay, short story, poem, drama, novel, and historical nonfiction) as a part of the humanities while teachers challenge them to think, discuss/speak, read, and write on the literal, interpretive, and evaluative levels. Presented chronologically, the course covers American literature beginning with the 1600's and ending in contemporary literature. In addition, students study vocabulary, grammar and usage each semester and will engage in ongoing preparation for the ACT plus Writing exam. Enriched Junior English is designed to challenge students in an environment filled with rigor and high expectations. Students will read additional texts, engage in deep discussions of literature from various literary approaches, and complete multiple academic writings designed to challenge and prepare participants for both college and career opportunities.

Course Name	AP English Language and Composition			
Course Number	405541	405542	Credit Type	English
Grade Level		11	Credit	½ credit per semester
Course Length	Year Long Course		Fee	Fee required for AP test
Course Level	Enriched		Meets Hathaway Success Curriculum	
			AP English Language and Composition	
Prerequisite	Recommended 3.75 Cumulative GPA			

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Language and Composition courses expose students to prose written in a variety of periods, disciplines, and rhetorical contexts. These courses emphasize the interaction of authorial purpose, intended audience, and the subject at hand, and through them, students learn to develop stylistic flexibility as they write compositions covering a variety of subjects that are intended for various purposes. Student strongly encouraged to take the AP Exam. Summer reading may be required. Students may be required to purchase texts.

Course Name	Senior English – Speech			
Course Number	434600		Credit Type	English
Grade Level		12	Credit	½
Course Length	Semester Course		Fee	None
Course Level	General	Meets Hathaway Success Curriculum		Senior Speech
Prerequisite	None			

This semester will focus on three areas: speech, senior project, and reading. During this semester, students will be instructed in all aspects of formal public speaking in order to gain insight into the skill of oral communication. Various speeches will be written, discussed and performed in the course of the semester. Students will also complete their Senior Project during this semester, including all reading, writing, journaling or hands – on work necessary to bring the project to completion.

Course Name	Senior English – Literature			
Course Number	433600		Credit Type	English
Grade Level		12	Credit	½ credit
Course Length	Semester Course		Fee	None
Course Level	General	Meets Hathaway Success Curriculum		Senior Literature
Prerequisite	None			

Senior Literature focuses on the study of various periods of literature within the British Canon. Each student will engage in the close reading and discussion of various works within at least three periods, including assigned works of poetry, drama, prose, and supporting informational texts. Authors may include, but are not limited to William Shakespeare, Geoffrey Chaucer, William Wordsworth, John Keats, George Orwell and T.S. Eliot. Student writings will range from the narrative mode to literary analysis, but the ultimate goal for assigned writings is to ensure college and career readiness for all students.

Course Name	AP English Literature and Composition			
Course Number	462641	462642	Credit Type	English
Grade Level		12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	Fee required for AP test
Course Level	Enriched	Meets Hathaway Success Curriculum		AP English Literature and Composition
Prerequisite	Recommended 3.75 Cumulative GPA			

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Literature and Composition courses enable students to develop critical standards for evaluating literature. Students will closely study various works of British and American literature; interpret and defend literary observations, both orally and in writing; and create a solid base understanding of classic literature. The course also includes intense preparation for each section of the AP English Literature and Composition exam. Student must take the AP Exam. College credit varies by secondary institution.

Course Name	College English 1010			
Course Number	452620		Credit Type	English
Grade Level		12	Credit	½ credit
Course Length	Semester Course		Fee	College Textbook
Course Level	College	Meets Hathaway Success Curriculum		College English 1010
Prerequisite	18+ on the English portion of ACT test or qualifying college placement exam			
Concurrent Enrollment	ENGL 1010 English I – 3 college credits			

**English 1010** is designed to study, practice and master the art of writing formal essays. Students will (1) write voraciously; (2) express original thought on diverse topics; (3) bring drafts of essays to class for peer revision and editing; (4) participate in genuine and poignant discussion and feed back about writing efforts; (5) create multiple drafts of essays in pursuit of quality work and (6) submit professional quality, academic essays. With consistent practice and participation, students will learn the skills necessary to practice the writing process as an individual endeavor and use standard, formal English. \*\*\*\*\*The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion.

Course Name	Communications 1010: Intro to Public Speaking			
Course Number	442200		Credit Type	English
Grade Level		12	Credit	½ credit
Course Length	Semester Course		Fee	College Textbook
Course Level	College	Meets Hathaway Success Curriculum		Communications 1010: Intro to Public Speaking
Prerequisite	18+ on the English portion of ACT test or qualifying college placement exam			
Concurrent Enrollment	CO/M 1010 Intro to Public Speaking – 3 college credits			

Course Description: This course introduces students to the art of public speaking. The focus will be on developing ideas, organizing information, researching, and delivery of formal and informal speeches. Students will work on increasing their confidence as speakers by giving numerous speeches throughout the semester. The students will also examine rhetoric and speeches throughout history with a focus on analysis. \*\*\*\*\*The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion.

Course Name	Introduction to Journalism							
Course Number	481411		481412		Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course				Fee	None		
Course Level	General		Meets Hathaway Success Curriculum				No	
Prerequisite	None							

Get an early start on the basics of Journalism. The class is the foundation for the knowledge and skills necessary for both school yearbook and newspaper. Students are required to learn the journalist writing style, use of computers and desktop publishing. Photography, interviewing and computer skills are also paramount in this course. This class is required to continue in the journalism department. Serious workers need apply!

Course Name	Newspaper						
Course Number	483511	483512		Credit Type	Elective		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General		Meets Hathaway Success Curriculum			No	
Prerequisite	Introduction to Journalism or Instructor/Administration approval *May take this class more than once for credit						

Today's media is alive in Newspaper. We focus on CCTV, Potty Mouth, CCHS Website and all aspects of modern media. Wanna-be paparazzi are welcome to Newspaper Media class, but bring your hard work ethic and commitment. Be a part of what's happening at CCHS by keeping an ear open for news and articles of interest to our school. Students are required to produce publish-ready work to be presented in our online newspaper (*humphreyherald.com*), in-the-building edition, and city-wide publications. There are many opportunities for your work to be published for a large audience. It is a MUST to have quality writing skills, to meet deadlines, and to possess the ability to accept editing and criticism as you learn. Journalistic writing is not like any other, in that it is unique in its unbiased point of view. Marketing a newspaper is also a necessary evil, and students are required to solicit advertising for our product, *The Humphrey Herald*. Overall, hard workers will keep busy in this newsroom-like atmosphere. You must love to write, you must love to talk to people, and you must love to work hard.

Course Name	Yearbook						
Course Number	482511	482512		Credit Type	Elective		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General		Meets Hathaway Success Curriculum			No	
Prerequisite	Introduction to Journalism or Instructor/Administration approval *May take this class more than once for credit						

Be a part of history by creating and publishing the CCHS *Camel* yearbook. The school's 256-page annual is a product students cherish for a lifetime. A yearbook student works feverishly on meeting deadlines, and more deadlines, and more deadlines. Photography, layout design, and computer skills are all necessities of this course. Soliciting advertising is also a major component. More than anything, commitment to a quality product, built with integrity and journalistic ethics is a MUST. This class is high-stress, yet highly rewarding. Slackers need not apply, as this class functions at an enriched level course.

Course Name	Media Literacy									
Course Number	481440				Credit Type	Elective				
Grade Level	9	10	11	12	Credit	½ credit				
Course Length	Semester Course				Fee	None				
Course Level	General			Meets Hathaway Success Curriculum					No	
Prerequisite	Recommended Introduction to Journalism or Instructor/Administration approval *May take this class more than once for credit									

Students interested in broadcasting and journalism can also venture into this video-based course. Students will be responsible for the daily production of an online show such as CamelTV on the cchscamels.com website, as well as weekly sports productions, and news shows (i.e. Live on Camel Dr). A yearlong video yearbook is a class project. The basics of iMovie will be taught, and the fundamentals of shooting videos, writing scripts, and editing films are a crucial aspect of this course. Students should be responsible and self-motivated, will follow the Journalism Code of Ethics.

# Mathematics

Graduation Requirement – 3 years (including Algebra I)

**Hathaway requirement: (please reference page 10)**

Provisional Opportunity – 3 years

Opportunity – 4 years

Performance – 4 years

Honors – 4 years

Course Level	Course	Credit	9	10	11	12	Hathaway
Basic	Foundations of Algebra	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X		Math
General	Algebra I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Math
General	Geometry	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Math
General	Algebra II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Math
Enriched	Enriched Algebra II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Math
General	Pre-Calculus	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Math
Enriched	Enriched Pre-Calculus	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Math
College	Calculus	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Math
Enriched	AP Calculus AB	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Math
Enriched	AP Calculus BC (Independent Study)	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Math
General	College Intermediate Algebra	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Math
General	Financial Algebra I	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 1 <sup>st</sup> semester				X	Math
General	Financial Algebra II	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 2 <sup>nd</sup> semester				X	Math
General	Statistics I	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 1 <sup>st</sup> semester				X	Math
General	Statistics II	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 2 <sup>nd</sup> semester				X	Math

The CCSD math departments are committed to the implementation of the CCSS Mathematical Practices, as outlined below. These practices define the culture of the CCSD math classrooms.

## MATH Standards for Mathematical Practice in Action

Practice	Sample Student Evidence	Sample Teacher Action
<b>1. Make sense of problems and persevere in solving them.</b>	<ul style="list-style-type: none"> <li>*Display sense-making behaviors.</li> <li>*Show patience and listen to others.</li> <li>*Turn and talk for first steps or generate a solution plan.</li> <li>*Analyze information in problems.</li> <li>*Use and recall multiple strategies.</li> <li>*Self-evaluate and redirect</li> <li>*Assess the reasonableness of process and answer.</li> </ul>	<ul style="list-style-type: none"> <li>*Provide open-ended problems.</li> <li>*Ask probing questions.</li> <li>*Probe student responses.</li> <li>*Promote and value discourse.</li> <li>*Promote collaboration.</li> <li>*Model and accept multiple approaches.</li> </ul>
<b>2. Reason abstractly and quantitatively.</b>	<ul style="list-style-type: none"> <li>*Represent abstract and contextual situations symbolically.</li> <li>*Interpret problems logically in context.</li> <li>*Estimate for reasonableness</li> <li>*Make connections, including real-life situations.</li> <li>*Create and use multiple representations.</li> <li>*Visualize problems.</li> <li>*Put symbolic problems into context.</li> </ul>	<ul style="list-style-type: none"> <li>*Model context to symbol and symbol to context.</li> <li>*Create problems such as, "What word problem will this equation solve.</li> <li>*Give real-world solutions.</li> <li>*Offer authentic performance tasks.</li> <li>*Place less emphasis on the answer.</li> <li>*Value invented strategies</li> <li>*Think aloud</li> </ul>
<b>3. Construct viable arguments and critique the reasoning of others.</b>	<ul style="list-style-type: none"> <li>*Question others.</li> <li>*Use examples and nonexamples.</li> <li>*Support beliefs and challenges with mathematical evidence.</li> <li>*Form logical arguments with conjectures and counterexamples.</li> <li>*Use multiple representations for evidence.</li> <li>*Listen and respond to others well.</li> <li>*Use precise mathematical vocabulary.</li> </ul>	<ul style="list-style-type: none"> <li>*Create a safe and collaborative environment.</li> <li>*Model respectful disclosure behaviors.</li> <li>*Provide find-the-error problems.</li> <li>*Promote student-to-student discourse (do not mediate discussion).</li> <li>*Plan effective questions or Socratic formats.</li> <li>*Provide time and value discourse.</li> </ul>
<b>4. Model with mathematics.</b>	<ul style="list-style-type: none"> <li>*Connect math (numbers and symbols) to real-life situations.</li> <li>*Symbolize real-world problems with math.</li> <li>*Make sense of mathematics.</li> <li>*Apply prior knowledge to solve problems.</li> <li>*Choose and apply representations, manipulatives, and other models to solve problems.</li> <li>*Use strategies to make problems simpler</li> <li>*Use estimation and logic to check the reasonableness of an answer.</li> </ul>	<ul style="list-style-type: none"> <li>*Model reasoning skills,</li> <li>*Provide meaningful, real-world authentic, performance-based tasks.</li> <li>*Make appropriate tools available.</li> <li>*Model various modeling techniques.</li> <li>*Accept and value multiple approaches and representations.</li> </ul>
<b>5. Use appropriate tools strategically.</b>	<ul style="list-style-type: none"> <li>*Choose appropriate tool(s) for a given problem.</li> <li>*Use technology to deepen understanding.</li> <li>*Identify and locate resources.</li> <li>*Defend mathematically the choice of a tool.</li> </ul>	<ul style="list-style-type: none"> <li>*Provide a toolbox at all times with all available tools; students then choose as needed.</li> <li>*Model tool use, especially technology for understanding.</li> </ul>
<b>6. Attend to precision.</b>	<ul style="list-style-type: none"> <li>*Communicate (orally and in writing) with precise vocabulary.</li> <li>*Carefully formulate questions and explanations (not retelling steps)</li> <li>*Decode and interpret the meaning of symbols.</li> <li>*Pay attention to units, labels, scale, and so forth.</li> <li>*Calculate accurately and effectively.</li> <li>*Express answers within context when appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>*Model problem-solving strategies.</li> <li>*Give explicit and precise instructions.</li> <li>*Ask proving questions.</li> <li>*Use English language arts strategies of decoding, comprehending, and text-to-self connections for interpreting symbolic and contextual math problems.</li> <li>*Guided inquiry.</li> </ul>
<b>7. Look for and make use of structure.</b>	<ul style="list-style-type: none"> <li>*Look for, identify, and interpret patterns and structures.</li> <li>*Make connections to skills and strategies previously learned to solve new problems and tasks.</li> <li>*Breakdown complex problems into simpler and more manageable chunks.</li> <li>*Use multiple representations for quantities.</li> <li>*View complicated quantities as both a single object and a composition of objects.</li> </ul>	<ul style="list-style-type: none"> <li>*Let students explore and explain patterns.</li> <li>*Use open-ended questioning.</li> <li>*Prompt students to make connections and choose problems that foster connections.</li> <li>*Ask for multiple interpretations of quantities.</li> </ul>
<b>8. Look for and express regularity in repeated reasoning.</b>	<ul style="list-style-type: none"> <li>*Design and state shortcuts.</li> <li>*Generate rules from repeated reasoning or practice (e.g., integer operations)</li> <li>*Evaluate the reasonableness of intermediate steps.</li> <li>*Make generalizations.</li> </ul>	<ul style="list-style-type: none"> <li>*Provide tasks that allow students to generalize</li> <li>*Don't teach steps for rules, but allow students to explore and generalize to discover and formalize.</li> <li>*Ask deliberate questions.</li> <li>*Create strategic and purposeful check-in-points.</li> </ul>

ALL Students must pass Algebra I.

The CCSD Graduation requirement is that all students will successfully complete at least 3 (three) total years of mathematics during their 9<sup>th</sup> thru 12<sup>th</sup> grades years, including Algebra I.

- Mathematics is included in the high school curriculum to give the students an understanding of the world of numbers and space, as well as an appreciation for their interests, needs and plans, the selection and content of courses offered vary from basic to sophisticated.
- Mathematical Academic Competencies are specified intellectual skills that are essential for effective work in all fields of college study. Math provides the link to all disciplines.
- The SAT Test and/or ACT Test results are used by college admissions as measurement and predictor of student successes. The math portion of the SAT/ACT specifically measures the candidate's preparation in three areas: Arithmetic Computation, Algebra, and Geometry.

## Mathematics Courses

Course Name	Foundations of Algebra				
Course Number	203201	203202	Credit Type	Math	
Grade Level	9	10	11		Credit
Course Length	Year Long Course			Fee	None
Course Level	Basic			Meets Hathaway Success Curriculum	Foundations of Algebra
Prerequisite	None				

Foundations of Algebra is an intervention course for students that have been recommended by their teacher or have incomplete Pre-Algebra or Algebra I credit. It combines the study of some pre-algebra and algebra topics with introductory geometry topics. This course includes the study of formulas, algebraic expressions, first-degree equations and inequalities, the rectangular coordinate system, area, perimeter, and volume of geometric figures, and properties of triangles and circles.

Course Name	Algebra I– REQUIRED				
Course Number	211911	211912	Credit Type	Math	
Grade Level	9	10	11	12	Credit
Course Length	Year Long Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	Algebra I
Prerequisite	Pre-Algebra (Full credit earned)				

Algebra I is the first course in a five-year sequence of college preparatory mathematics courses. Algebra I aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations and inequalities and systems; extending these skills to solving quadratic and exponential functions; exploring functions, including sequences, graphically, numerically, symbolically and verbally; and using regression techniques to analyze the fit of models to distributions of data.

Course Name	Geometry						
Course Number	221401		221402		Credit Type	Math	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Geometry
Prerequisite	Algebra I (full credit earned) or Integrated Math I (full credit earned)						

Geometry is the second course in a five-year sequence of college preparatory mathematics courses. This course aims to formalize and extend the geometry that students have learned in previous courses. This is accomplished by focusing on establishing triangle congruence criteria using rigid motions and formal constructions, building a formal understanding of similarity based on dilations and proportional reasoning, developing the concepts of formal proof, exploring the properties of two and three-dimensional objects, working within the rectangular coordinate system to verify geometric relationships, proving basic theorems about circles, and using the language of set theory to compute and interpret probabilities for compound events.

Course Name	Algebra II						
Course Number	241501		241502		Credit Type	Math	
Grade Level		10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Algebra II
Prerequisites	Algebra I and Geometry (full credit earned) or Integrated Math I and Math II (full credit earned)						
Recommendation	The Algebra II curriculum is difficult without having previously taken Geometry. However, with teacher recommendation, this is where students may double up by taking Geometry and Algebra II concurrently.						

Algebra II is the third course in a five-year sequence of rigorous college preparatory mathematics courses. Algebra II aims to apply and extend what students have learned in the previous two core connections courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials. Students in this class will use problem solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and formulating rigorous arguments to justify their thinking.

Course Name	Enriched Algebra II						
Course Number	242501		242502		Credit Type	Math	
Grade Level	<div></div> 10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	Enriched			Meets Hathaway Success Curriculum		Enriched Algebra II	
Prerequisites	Algebra I and Geometry (full credit earned) or Integrated Math I and Math II (full credit earned); Preference: B- or higher in Geometry with instructor recommendation						

This course is an extension of the Algebra II course listed previously. As with Algebra II, students in Enriched Algebra II will apply and extend what they have learned in previous courses. This course augments the content and rigor of Algebra II including all of the topics and skills listed under Algebra II as well as modeling periodic phenomena with trigonometric principals and understanding the role of randomness and the normal distribution in making statistical conclusions. This class is to be taken in place of Algebra II.

Course Name	College Intermediate Algebra			
Course Number	246331	246332	Credit Type	Math
Grade Level		12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	College Intermediate Algebra
Prerequisites	Algebra I, Geometry, and Algebra II (full credit earned) or Integrated Math I, Math II, and Math III (full credit earned) <b>Note: There is NOT college credit with this course</b>			

Functions and their application to the real world, graphing of linear equations and inequalities, solving simple linear equations and inequalities, solving systems of linear equations, manipulation of polynomial expressions, manipulation of rational expressions, solving rational expressions, manipulating and solving equations which involve radical and rational exponents, use of variation to solve application problems, solve and graph quadratic equations, manipulate and solve equations involving logarithms and exponential behavior, and use unit analysis to assess the appropriate unit to be placed on the numerical solution to an application problem.

Course Name	Financial Algebra I			
Course Number	221201		Credit Type	Math
Grade Level		12	Credit	½ credit
Course Length	Semester Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	Financial Algebra I
Prerequisites	Algebra I and Geometry (full credit earned), and Algebra II (recommended) or Integrated Math I and Math II ( full credit earned ), and Math III (recommended)			

In this course students have the opportunity to apply algebra concepts to a variety of business and financial situations including the stock market (data and charts, stock transactions, and dividend income), modeling a business (scatterplots, linear regressions, supply and demand, expense and revenue functions, and break even analysis), banking services (checking accounts, reconciling a bank account, savings accounts, compound interest, and future value vs. present value), consumer credit (loans, loan calculations, credit cards, and average daily balance), and automobile ownership (classified ads, buying/selling a car, automobile insurance, automobile depreciation, and driving safety).

Course Name	Financial Algebra II			
Course Number	221202		Credit Type	Math
Grade Level		12	Credit	½ credit
Course Length	Semester Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	Financial Algebra II
Prerequisites	Algebra I and Geometry ( full credit earned ), and Algebra II (recommended) or Integrated Math I and Math II ( full credit earned ), and Math III (recommended)			

As with Financial Algebra I, students apply algebra concepts to a variety of business and financial situations including the basics of employment (looking for employment, pay periods and hourly rates, commissions, royalties, employee benefits, social security, and medicare), income taxes (tax tables, worksheets, schedules, income statements, and tax forms), independent living (finding a place to live, reading floor plans, mortgage application process, purchasing a home, and rentals), planning for retirement (income from savings, social security benefit, pensions, and life insurance), and preparing a budget (utility expenses, electronic utilities, charting a budget, cash flow, and budgeting).

Course Name	Statistics I		
Course Number	256451	Credit Type	Math
Grade Level	12	Credit	½ credit
Course Length	Semester Course	Fee	None
Course Level	General	Meets Hathaway Success Curriculum	Statistics I
Prerequisites	Algebra I, Geometry, and Algebra II ( full credit earned ) or Integrated Math I, Math II, and Math III ( full credit earned )		

Students will learn to use basic statistical procedures, data analysis strategies, and fundamental properties of probability. Students will use these concepts to analyze situations and experiments for decision-making and predicting outcomes. In this course students will explore linear regressions, covariance and correlation. Students will use technology to organize information and analyze problems using tables, graphs and charts.

Course Name	Statistics II		
Course Number	256452	Credit Type	Math
Grade Level	12	Credit	½ credit
Course Length	Semester Course	Fee	None
Course Level	General	Meets Hathaway Success Curriculum	Statistics II
Prerequisites	Algebra I, Geometry, Algebra II, and Statistics I ( full credit earned ) or Integrated Math I, Math II, Math III, and Statistics I ( full credit earned )		

Students will build on the concepts and skills developed in Statistics I as they continue to work with event probability, normal probability distribution, collection and description of data, frequency tables and graphs, random variables, and random sampling. Additional topics will include central limit theorem, confidence intervals, proving independence, and hypothesis testing.

Course Name	Pre-Calculus				
Course Number	261611	261612		Credit Type	Math
Grade Level		11	12	Credit	½ credit per semester
Course Length	Year Long Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	Pre-Calculus
Prerequisite	Algebra I, Geometry, and Algebra II ( full credit earned ) or Integrated Math I, Math II, and Math III ( full credit earned )				

This course combines the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus. A key component of this course is to strengthen students' conceptual understanding of problems and mathematical reasoning in solving complex problems. Facility with these topics is essential for students intending to study calculus, physics, and other sciences, and/or engineering in college.

Course Name	Enriched Pre-Calculus					
Course Number	262611	262612		Credit Type	Math	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	Enriched			Meets Hathaway Success Curriculum		Enriched Pre-Calculus
Prerequisite	Algebra I, Geometry, and Algebra II, preferably Enriched Algebra II ( full credit earned ) or Integrated Math I, Math II, and Math III ( full credit earned ); Preference: B- or higher in Enriched Algebra II or equivalent with instructor recommendation.					

Enriched Pre-Calculus is designed as the fourth course in a five-year sequence of college preparatory mathematics. In addition to covering all of the key concepts found in traditional trigonometry, pre-calculus, or math analysis courses, this course emphasizes several big ideas that form a foundation for calculus and other college mathematics curricula. These ideas include transformation of functions, periodic functions and their graphs, area under the curve as a foundation for integration, inverses, exponentials, and logarithmic equations and applications, limits to infinity and at a point, properties of functions including continuity, increasing vs. decreasing, and concavity, average rates of change and instantaneous rates of change as a foundation for derivatives, algebraic fluency and simplification techniques and mathematical modeling.

Course Name	Calculus			
Course Number	263631	263632	Credit Type	Math
Grade Level		12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	Enriched Algebra II
Prerequisite	Algebra I, Geometry, Algebra II or Enriched Algebra II, and Pre-Calculus or Enriched Pre-Calculus ( full credit earned )			
Concurrent Enrollment	MATH 2200 – Calculus I			

This course introduces differential calculus through topics including limits, derivatives, and integrals of algebraic and transcendental functions of one variable with applications. Students will develop their reading, writing, and questioning skills, as well as their ability to work cooperatively.

College credit is available through Gillette Campus. Qualifications include a minimum of a 27 on the math section of the ACT Test or a qualifying score on the Math placement exam given by the Gillette College. These scores must be obtained prior to the beginning of the school year. Also the course must be taken by a teacher certified to teach concurrent enrollment courses. A list of qualified teachers is maintained in the Guidance Office.\*\*\*\*\*The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion.

Course Name	AP Calculus AB			
Course Number	263641	263642	Credit Type	Math
Grade Level	12		Credit	½ credit per semester
Course Length	Year Long Course		Fee	Fee required for AP test
Course Level	Enriched		Meets Hathaway Success Curriculum	AP Calculus AB
Prerequisite	Algebra I, Geometry, Algebra II or Enriched Algebra II, and Pre-Calculus or Enriched Pre-Calculus (full credit earned); Preference: B- or higher in Enriched Pre Calculus or equivalent with instructor recommendation.			

AP Calculus AB is the fifth course in a five-year sequence of college preparatory mathematics. This course covers all content required for the AP Calculus AB Exam, including optimization, limits, differential equations, exponential functions, the relationship between distance and velocity, piecewise functions, volumes of revolution, volumes by slicing, and the Fundamental Theorem of Calculus. Students will take the AP exam in early May. Any student who receives a 3, 4 or 5 on the exam is eligible for college math credit at most universities.

Course Name	AP Calculus BC – Independent Study			
Course Number	268531	268532	Credit Type	Math
Grade Level	12		Credit	½ credit per semester
Course Length	Year Long Course		Fee	Fee required for AP test
Course Level	Enriched		Meets Hathaway Success Curriculum	AP Calculus BC
Prerequisite	Algebra I, Geometry, Algebra II or Enriched Algebra II, Pre-Calculus or Enriched Pre-Calculus, and AP Calculus AB (full credit earned).			

This course covers all content required for the AP Calculus AB Exam, as well as Calculus II concepts including convergence tests, logistic equations, polar area, vectors, polar curves, polynomial approximations, and error. Students will take the AP Calculus BC exam in early May. Any student who receives a 3, 4 or 5 on the exam is eligible for college math credit at most universities.

# Physical Education & Health

Campbell County School District requires 2 Physical Education credits to graduate.  
Health Literacy must be .5 credits

You are able to repeat classes for credit, but you can only take Outdoor Education once. You are not able to take more than one PE class per semester.

Course Level	Course	Credit	9	10	11	12	Hathaway
General	High School PE	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	N/A
General	Sports Training I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	N/A
General	Sports Training II	$\frac{1}{2}$ credit <b>Semester Course</b>		X	X	X	N/A
General	Lifetime Personal Fitness	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	N/A
General	Outdoor Education	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	N/A
General	Water Safety Instructor	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	N/A
General	Lifeguard Training	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	N/A
General	Health Literacy	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	N/A

## Physical Education Courses

Course Name	High School PE						
Course Number	321410				Credit Type	Physical Education	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	A small fee may be associated with this course per activity	
Course Level	General				Meets Hathaway Success Curriculum		No
Prerequisite	None						

This course focuses on students becoming knowledgeable and participating in a variety of activities which are fitness based. Students will learn the skills which are necessary to becoming lifelong participants in physical activity. Focus will be on a combination of field, team, individual, and lifetime sports.

Course Name	Sports Training I						
Course Number	348000				Credit Type	Physical Education	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		No
Prerequisite	Competitive Sport or Instructor Approval						

This course is an introduction to sports training for those who wish to push themselves to enhance their performance. This is a higher intensity class focusing on muscular strength, power, and endurance through the use of weights, speed, and agility. Specific sport training and nutrition will also be introduced. Instructor approval or participation in a competitive sport is needed to enroll in this class.

Course Name	Sports Training II						
Course Number	348010				Credit Type	Physical Education	
Grade Level	<div></div>	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		No
Prerequisite	Pass Sports Training I with a B or Instructor Approval						

This course is a more advanced sports training for those who wish to push themselves to enhance their performance. Students will be pushed to develop muscular strength, power, and endurance through the use of weights, speed, and agility. Nutrition and sport specific training will be emphasized. Students must have passed Sports Training I with a B or have instructor approval.

Course Name	Lifetime Personal Fitness						
Course Number	349000				Credit Type	Physical Education	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		No
Prerequisite	None						

This course promotes the development and maintenance of personal fitness, focusing on healthy living and lifestyle choices. Cardiovascular fitness, muscular endurance and strength, flexibility, coordination, agility, and nutrition will be stressed. Course content includes fitness assessment, regular physical activity, classroom sessions, and the benefits of exercise.

Course Name	Water Safety Instructor						
Course Number	359102				Credit Type	Physical Education	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	Student must purchase the American Red Cross Book. If certification is desired, student must pay certificate fee.	
Course Level	General				Meets Hathaway Success Curriculum		No
Pre-Requisite	Must be 16 years old						

This course focuses on the skills needed to teach courses and make presentations to swimmers of every age and ability. You can help recreational swimmers meet their goals, refine their skills, and stay safe in, on, and around the water: water safety, emergency response protocols, hydrodynamics, basic aquatic skills, and aquatic fitness and training for people of any age. There will be a required fee to cover the cost of the American Red Cross book and certification. Students will spend half their time in the classroom and the other half in the pool. **Taught @ School Aquatic Center**

Course Name	Lifeguard Training						
Course Number	359101				Credit Type	Physical Education	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	If certification is desired student must pay certification fee	
Course Level	General				Meets Hathaway Success Curriculum		No
Prerequisite	Must be 15 years old						

This course provides the skills to effectively prevent and respond to water emergencies, arming you with the skills and knowledge to respond to a variety of scenarios. You will learn how quick response time and effective preparation are vital to being a lifeguard while also understanding the crucial elements in helping to prevent drownings and injuries. With passing of the skills, final scenarios, and written test, you qualify for American Red Cross Lifeguarding certification with First Aid, CPR and AED training. Students will spend half their time in the classroom and the other half in the pool. **Taught @ School Aquatic Center**

Course Name	Outdoor Education					
Course Number	321700			Credit Type	Physical Education	
Grade Level		11	12	Credit	½ credit	
Course Length	Semester Course			Fee	\$40 total \$20 is due at the start of semester	
Course Level	General			Meets Hathaway Success Curriculum		No
Prerequisite	None					

This course is designed to introduce students to lifetime and recreational activities. These activities could include but are not limited to: bicycling, kayaking and canoeing, ropes course activities, rock climbing, horseshoes, snorkeling, scuba diving, orienteering, camping, winter survival, archery, fly tying, fly fishing, golf, frisbee golf, ice skating, and bowling. Students will be required to pay for some activities.

Course Name	Health Literacy						
Course Number	311300				Credit Type	Physical Education	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		No
Prerequisite	None						

This course provides a comprehensive, planned program to positively influence the knowledge, skills, attitude and behaviors of individuals relating to health, with a goal of leading students to a healthy lifestyle. Topics covered include decision making, goal setting, communication, stress management, conflict resolution, suicide awareness and prevention, consumer and community health, communicable and chronic disease, environmental health, alcohol, tobacco and other drugs, nutrition, injury prevention, and safety. This course is a graduation requirement.

# Science

Graduation Requirement – 3 years (including Biology I)

**Hathaway requirement:**

Provisional Opportunity – 3 years

Opportunity – 4 years

Performance – 4 years

Honors – 4 years

	Course Level	Course	Credit	9	10	11	12	Hathaway
Life Science	General	Biology I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X		Biology I
	General	Biology II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Biology II
	General	Environmental Science	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Additional Science
	Enriched	Human Anatomy and Physiology	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Biology II
	Enriched	AP Biology	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Biology II
Physical Science	General	General Physical Science	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X			Physical Science
	General	Chemistry I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Chemistry I
	General	Chemistry II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Chemistry II
	General	Environmental Chemistry	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Chemistry I
	Enriched	AP Chemistry	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Chemistry II
	General	Physics	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Physics I
	Enriched	AP Physics	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Physics II
Earth & Space Science	General	General Earth Science	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Geology I
	General	Astronomy	$\frac{1}{2}$ credit per semester <b>Semester Long Course</b>			X	X	Additional Science
Additional Science	General	Forensic Science	$\frac{1}{2}$ credit per semester <b>Semester Long Course</b>			X	X	Additional Science

## Life Science Classes

Course Name	Biology I						
Course Number	111401		111402		Credit Type	Science	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General			Meets Hathaway Success Curriculum			Biology I
Prerequisite	Successful completion of Biology I is a graduation requirement for Campbell County School District. <u><b>This course is only available for 9<sup>th</sup> grade students who have at least a B- in 8<sup>th</sup> grade Integrated Science and a teacher recommendation.</b></u> There is a petition option for students through their building administrator. For grades 10-12 there are no recommendation requirements.						

Biology I is a yearlong exploration of the wonder and diversity of life on Earth. The course is an overview of various microbiological topics, including cells, chemistry of life, and heredity. Investigative experiments help students gain insight into the practices of scientists while applying the concepts taught within the class curriculum.

Course Name	Biology II						
Course Number	111501	111502		Credit Type		Science	
Grade Level	10	11	12	Credit		½ credit per semester	
Course Length	Year Long Course			Fee		None	
Course Level	General		Meets Hathaway Success Curriculum				Biology II
Prerequisite	Successful completion of Biology I with a C- or better						

Biology II is a yearlong exploration of the wonder and diversity of life on Earth. The course is an overview of various macro-biological topics, including ecology, change over time, and heredity. Investigative experiments help students gain insight into the practices of scientists while applying the concepts taught within the class curriculum.

Course Name	Environmental Science						
Course Number	122601	122602		Credit Type	Science		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General		Meets Hathaway Success Curriculum			Additional Science	
Prerequisite	None						
Recommendation	Basic math and lab skills						

Students in Environmental Science study the natural environment of the earth and humans' roles and impacts in the environment. Topics covered include Ecosystems, Biomes and Biodiversity of the Earth, Natural Resources, Environmental Problem Solving Using Scientific Inquiry, Human Impacts, and Energy. Assessments include projects designed to demonstrate student understanding of the major concepts, as well as unit exams and quizzes.

Course Name	Human Anatomy and Physiology					
Course Number	153611	153612		Credit Type	Science	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	Enriched		Meets Hathaway Success Curriculum			Biology II
Prerequisite	Successful completion of Biology I with a C- or better					
Recommendation	Completed or currently enrolled in Chemistry I.					

In Human Anatomy and Physiology, we pursue an understanding of the structure and function of the human body. In this class, students will study the human body on a chemical, cellular, tissue, organ, and organ system level. We will also pursue an understanding of the structure and function of the human body as it relates to physical fitness. In this class lectures will be reinforced with laboratory and dissection activities.

Course Name	AP Biology					
Course Number	144741	144742	Credit Type		Science	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course		Fee		Fee required for AP test	
Course Level	Enriched		Meets Hathaway Success Curriculum			Biology II
Prerequisite	Successful completion of Biology I with a C-or better.					
Recommendation	It is strongly recommended that students have taken with above average grades Chemistry I and Algebra.					

This is an introductory college-level biology course. Students cultivate their understanding through inquiry-based investigations as they explore the various biological topics: change over time, cellular processes – energy and communication, genetics, information transfer, and ecology. Students who take this course must take the national AP Biology test in the spring. Successful performance on the test can lead to college credit depending on your score and the college or university of your choice.

## Physical Science Classes

Course Name	General Physical Science				
Course Number	112901		112902	Credit Type	Science
Grade Level	9	10		Credit	½ credit per semester
Course Length	Year Long Course			Fee	None
Course Level	General		Meets Hathaway Success Curriculum		Physical Science
Prerequisite	None				
Recommendation	Basic math and lab skills				

This course is a study of matter and energy and the relationship between these two concepts. This course will include both physics and chemistry during its investigation of matter and energy. Topics covered include motion and stability with forces and interactions, Earth systems and the earth's place in the universe, and human interaction with its relevance. In addition wave energy, application and transfer of information will be applied. The Engineering and Design portion of the course will involve investigation of major global challenges and solutions for societal needs, designing solutions to 'real' world problems and break them down to smaller more manageable ones. The course is to serve as an introductory course to the high school sciences by providing students with the skills necessary to prepare them for their upper level science classes.

Course Name	Chemistry I						
Course Number	133501	133502		Credit Type	Science		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum		Chemistry I	
Prerequisite	Passed Algebra I with a C or better or concurrent enrollment						

Chemistry I is a yearlong science course which helps foster the skills needed by college bound students. Chemistry is the science of matter. The course explores the atomic nature of matter, the periodic table, the nature of chemical bonds, chemical reactions, the role of electrons in the formation of chemical compounds, and the gas laws. Students should have a strong interest in science and proven math skills. Investigative experiments help students gain insight into the properties and behavior of matter.

Course Name	Chemistry II						
Course Number	133601	133602		Credit Type	Science		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum		Chemistry II	
Prerequisite	Passed Chemistry I with a C- or better.						

The class is an excellent choice for students wishing to pursue science careers, such as medicine, chemistry, or engineering in post-secondary settings. This is an extension of Chemistry I designed for students interested in further developing their chemistry skills and will be a continuation of Chemistry I with a strong emphasis on laboratory work and procedures. Students will explore advanced chemistry topics and reinforce general chemistry concepts.

Course Name	Environmental Chemistry						
Course Number	132601		132602		Credit Type	Science	
Grade Level		10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Chemistry I
Prerequisite	Passed Algebra I with a C or better or concurrent enrollment and average grade in preceding science course. Students who have completed Chemistry I <b>may not</b> enroll in Environmental Chemistry						

Environmental Chemistry is not a college preparatory class. It is designed for students who have an interest in chemistry from an environmental standpoint. A practical approach is utilized to relate the concepts of chemistry to the environment, natural resources, and conservation at both the local and global level. Units focus on water, natural resources, petroleum, and foods. Lab work and field trips that relate concepts and processes to the surrounding community enhance general course work. Must have a scientific calculator.

Course Name	AP Chemistry					
Course Number	134741	134742		Credit Type	Science	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	Fee required for AP test	
Course Level	Enriched			Meets Hathaway Success Curriculum		Chemistry II
Prerequisite	Passed Chemistry I and Algebra II with C- or better					

AP Chemistry is an exciting fast paced, academically demanding course. Students who take this course must take the national AP Chemistry test in the spring. Successful performance on the test can lead to college credit depending on your score and the college or university of your choice. The course curriculum is established by the Advanced Placement Program of the College Board. This course is much more demanding and complex than Chemistry I and II but the content learned will increase student success in college chemistry. Students interested in engineering and health fields may want to consider this class. Homework is assigned daily and a scientific calculator is required.

Course Name	Physics						
Course Number	143601	143602		Credit Type	Science		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum		Physics I	
Prerequisite	Algebra II or Geometry (concurrent or completed)						

Physics is a demanding class that introduces students to the physical laws which govern the universe. The course is a hands-on science class; students participate in activities and demonstrations designed to help them understand how the laws of physics affect their lives. This course is math intensive. Students will develop an understanding of physics concepts and develop problem-solving skills through the completion of daily homework, classroom activities, unit exams, and formal lab reports. Two projects will be assigned each semester, which will require constructing various devices that demonstrate physical laws.

Course Name	AP Physics					
Course Number	144641	144642		Credit Type	Science	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	Fee required for AP test	
Course Level	Enriched			Meets Hathaway Success Curriculum		Physics II
Prerequisite	Physics completed with a C- or better and Algebra II completed or concurrent					

AP Physics is a fast paced, yearlong, academically demanding course. AP Physics is a hands-on science class. Students participate in activities and demonstrations that help them understand how the laws of physics affect their lives. This course is math intensive. Students will develop an understanding of physics concepts and problem solving skills through the completion of daily homework, frequent quizzes, classroom activities, unit exams, and formal lab reports. Completion of the course requires participation in the national AP Physics B Exams in the spring. The tests require a fee. Successful performance on the exam can lead to college credit depending on exam scores and the college or university requirements. The course curriculum is established by the Advanced Placement program of the College Board and is designed to be equivalent to two semesters of college physics.

## Earth and Space Science Classes

Course Name	General Earth Science				
Course Number	111901	111902	Credit Type		Science
Grade Level	9	10	11	12	Credit
Course Length	Year Long Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	Geology I
Prerequisite	None				
Recommendation	Basic math and lab skills				

This course explores the nature and relationship between the Earth's 4 basic spheres: the atmosphere, hydrosphere, geosphere, and biosphere. General Earth Science includes: the formation and identification of minerals, plate tectonics, rock classification, and earth energy, meteorology and earth cycles: weather, erosions, and landform development. This course delves into the nature of science and includes scientific methods of inquiry.

Course Name	Astronomy				
Course Number	153300			Credit Type	Science
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	Additional Science
Prerequisite	Algebra I and Geometry (concurrent or completed)				

Students will explore the origin and organization of the universe and our place in it. You will study various celestial components, the classification of galaxies, the life cycle of a star and classification of different types of stars. Students will learn the basic forces and types of energy sustaining the celestial bodies. Students will investigate methods of determining stellar distances, methods of identifying stellar composition, characteristics of light and the various types of matter that make up our universe.

## Additional Science Classes

Course Name	Forensic Science				
Course Number	122600		Credit Type	Science	
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course		Fee	None	
Course Level	General		Meets Hathaway Success Curriculum		Additional Science
Prerequisite	None				
Recommendation	Basic math and lab skills				

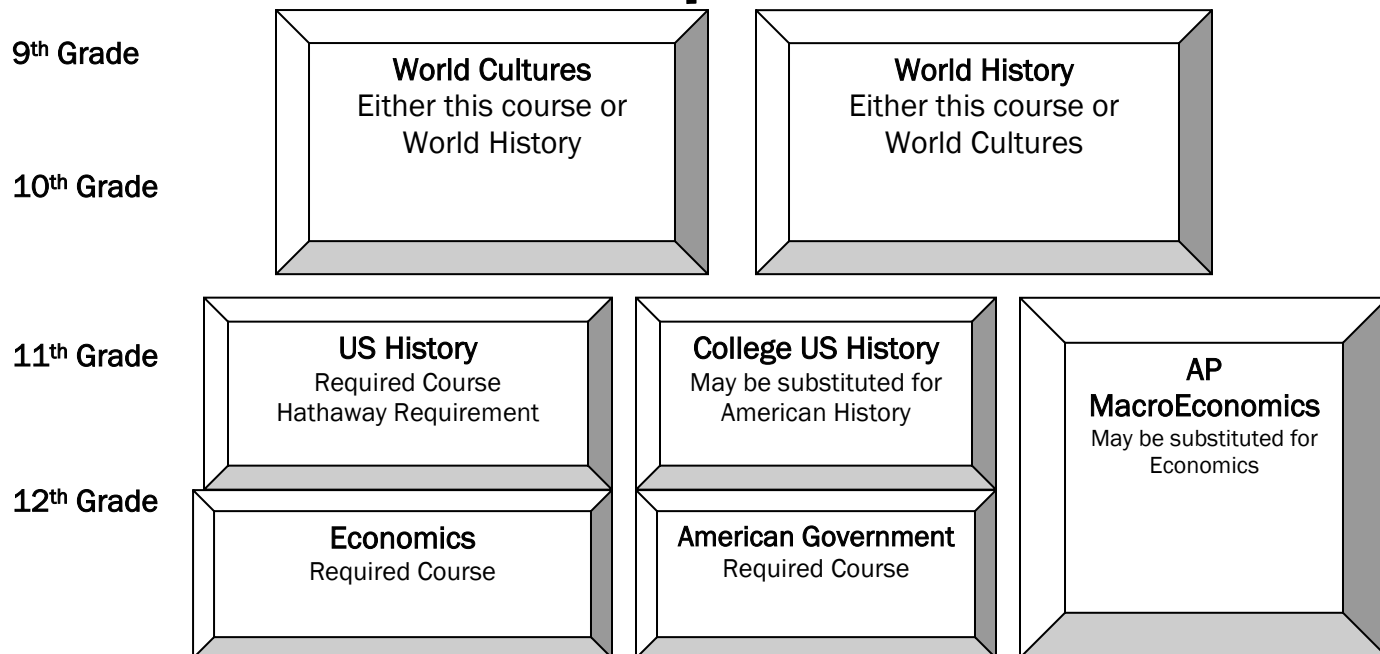
Students will explore the field of forensic science through whole group and small group investigations. This class will also contain a component of computer programming to create tools for data collection. Topics covered will range from Entomology to Cyber-forensics.

# Social Studies

Hathaway Success Curriculum requires 3 specific Social Studies credits. Campbell County School District requires 3 Social Studies credits to graduate.

Course Level	Course	Credit	9	10	11	12	Hathaway
<b>Required Social Studies Courses</b>							
General	World Cultures	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X			Geography
General	World History	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X			World History
General	US History	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X		American History
College	College US History	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X		American History
Enriched	AP Macroeconomics	1 credit <b>Year Long Course</b>			X	X	Economic Systems and Institutions
General	Economics	$\frac{1}{2}$ credit <b>Semester Course</b>				X	Economics Systems and Institutions
General	American Government	$\frac{1}{2}$ credit <b>Semester Course</b>				X	American Government
<b>Social Studies Electives</b>							
General	Psychology	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	N/A
General	Sociology	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	N/A
General	Justice	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	N/A

## Course Sequence



## Social Studies Required Classes

Course Name	World Cultures			
Course Number	500901	500902	Credit Type	Social Studies
Grade Level	9	10	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	Geography
Prerequisite	None			

The World Cultures course allows students to study various types of subgroups that have something in common such as religion, gender, or culture. Similar in style to World Area Studies, but focusing on a group of people rather than on a specific region, these courses examine a subgroup's history, politics, economics, and/or culture.

Course Name	World History			
Course Number	510401	510402	Credit Type	Social Studies
Grade Level	9	10	Credit	½ credit per semester
Course Length	Semester Course or Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	World History
Prerequisite	None			

World History covers the development of civilization from prehistoric times through the present, explaining why the world is the way it is. The first semester examines beliefs, rulers, wars, and achievement from the early Sumerians and Egyptians to the incredible feats of the Greeks & Romans and then the middle Ages. The second semester explores the Renaissance, Age of Absolutism, the 1800's and both world wars.

Course Name	US History			
Course Number	523501	523502	Credit Type	Social Studies
Grade Level		11	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	American History
Prerequisite	None			

All juniors must take this course or College US History to fulfill their graduation requirements.

This course is a one-year introduction to our nation's history. Topic include: reasons for the exploration of the New World, the colonization of the New World by European powers, pioneers building a future for future generations in the wilderness, the industrialization of America, westward expansion into the American West and beyond. Conflicts studied are the American Revolution, the Mexican – American war, the Civil War, the Spanish – American War, World War I and II, Korean Conflict, and the Vietnam War. During this course we will see how our ancestors built a republic based upon democratic principles. There are numerous quizzes and tests, some essays and lots of discussion as well as several films that help bring American History to life for you.

Course Name	College US History			
Course Number	524531	524532	Credit Type	Social Studies
Grade Level		11	Credit	½ credit per semester
Course Length	Year Long Course		Fee	Textbook and additional reading book
Course Level	College		Meets Hathaway Success Curriculum	American History
Prerequisite	10 <sup>th</sup> grade World History. May have additional requirements from Gillette College			
Concurrent Enrollment	HIST 1211 – 3 college credits / HIST 1221 – 3 college credits			

**This course will substitute for the American History requirement.**

College US History is designed to give students the opportunity to earn college credit while attending high school. Students can expect to cover the same topics as regular American History classes **with more depth and great deal of homework, demanding a college level of study habits.** If you are an outstanding student looking for a challenge or fascinated by history, this is a course for you. **\*\*\*\*\*SUMMER HOMEWORK IS REQUIRED\*\*\*\*\*** The memorandum of understanding between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion.

Course Name	AP Macroeconomics			
Course Number	524401	524402	Credit Type	Social Studies
Grade Level		11	12	Credit
Course Length	Year Long Course		Fee	Fee required for AP test and textbook
Course Level	Enriched		Meets Hathaway Success Curriculum	Economics Systems and Institutions
Prerequisite	Recommended to have a 3.25 Cumulative GPA			

**This course is a replacement for the Economics Requirement.** Advanced Placement Macroeconomics is intended to give students a detailed understanding of economic concepts that apply to the entire economic system as a whole. This course studies the quantitative performance measurements and core concepts of all economic systems. The content should put particular emphasis on the American Free Enterprise's domestic function as well as its role in international markets and the performance of the global economy.

Course Name	Economics		
Course Number	522410	Credit Type	Social Studies
Grade Level	12	Credit	½ credit
Course Length	Semester Course	Fee	None
Course Level	General	Meets Hathaway Success Curriculum	Economics Systems and Institutions
Prerequisite	None		

All seniors must take this course or AP Macroeconomics to fulfill their graduation requirements.

Economics is concerned with the way individuals and nations choose to use scarce resources to satisfy their wants and needs. This course will help you understand how your spending affects what is produced in our nation as well as the world. Current economic conditions will be discussed through a variety of activities including playing an online simulation game about the stock market. Other investment tools will be discussed as well as other topics of interest to high school seniors including money, banking, debit cards, tax preparation, consumer legal issues, credit reports, and insurance. By taking this course you will gain a better understanding of our economy and you will be better able to function as a citizen, consumer, and worker.

Course Name	American Government		
Course Number	523410	Credit Type	Social Studies
Grade Level	12	Credit	½ credit
Course Length	Semester Course	Fee	None
Course Level	General	Meets Hathaway Success Curriculum	American Government
Prerequisite	None		

This course is designed to give you an overview of our democratic system of government. Students will study the three branches of government and also complete an in-depth look at our Constitution and the Wyoming Constitution. It is our aim to educate and promote informed and involved citizens.

## Social Studies Elective Classes

Course Name	Psychology				
Course Number	560310			Credit Type	Elective
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	No
Prerequisite	None				

Psychology is the study of the mind and human behavior. As young people approach adulthood they become increasingly interested in understanding their own behavior and learning how it relates to the behavior of others. The course will be a broad overview including the seven contemporary approaches to psychological disorder, learning, and memory.

Course Name	Sociology				
Course Number	561310			Credit Type	Elective
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	No
Prerequisite	None				

Sociology is the scientific study of human groups. This course will cover structure and functions of groups and the consequences, which result from the activities of various groups. Sociology also looks at individuals and the process by which they fit into society. The course will cover how groups relate to one another, how they change and what enables one group to survive and prosper while others decline and disappear. Some of our current social problems will also be explored.

Course Name	Justice				
Course Number	525200			Credit Type	Elective
Grade Level	9	10	11	12	Credit ½ credit
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	No
Recommendation	None				

Justice class is a survey of the American legal system. The class will explore the history and development of the constitutional basis of our current system, and an overview of constitutional rights and the ongoing interpretation of how those rights are applied in civil and criminal cases. The class will also follow and explore current legal controversies as they develop within our society. Students will be expected to research, debate and explore various questions of ethics and law throughout the semester.

# Agriculture

Course Level	Course	Credit	9	10	11	12	Hathaway
General	Animal Science I	$\frac{1}{2}$ credit <b>Semester Course</b>		X	X	X	Career and Technical Education
Enriched	Animal Science II – Advanced	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 2 <sup>nd</sup> semester		X	X	X	Career and Technical Education
General	Ag Mechanics A	$\frac{1}{2}$ credit <b>Semester Course</b>		X	X	X	Career and Technical Education
General	Ag Mechanics B	$\frac{1}{2}$ credit <b>Semester Course</b>		X	X	X	Career and Technical Education
General	Agriculture Science I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Career and Technical Education
Enriched	Ag Fabrication A	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 1 <sup>st</sup> semester			X	X	Career and Technical Education
Enriched	Ag Fabrication B	$\frac{1}{2}$ credit <b>Semester Course</b> Only offered 2 <sup>nd</sup> semester			X	X	Career and Technical Education
General	Ag Business	$\frac{1}{2}$ credit <b>Semester Course</b>		X	X	X	Career and Technical Education
Enriched	Agriculture Education IV	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Career and Technical Education
General	Equine Science	$\frac{1}{2}$ credit <b>Semester Course</b>		X	X	X	Career and Technical Education

## Agriculture

Course Name	Animal Science I				
Course Number	761400			Credit Type	Elective
Grade Level	10	11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	CTE
Prerequisite	Agriculture Science I				

Career exploration, animal rights vs. animal welfare, grading beef, pork and lamb, feeds and feeding, digestive systems, basic health care of livestock, selection of cattle, sheep and swine

Animal Science I emphasizes the meat and livestock industries. Identification and grading of beef, pork and lamb will be studies along with researching feeds, digestive systems and practice livestock evaluation. Students will also develop a calendar showing management strategies for cattle, swine, sheep, and horses.

Course Name	Animal Science II Advanced				
Course Number	746510			Credit Type	Elective
Grade Level	10	11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	Enriched			Meets Hathaway Success Curriculum	CTE
Prerequisite	Animal Science I				
Concurrent Enrollment	ANSC 1010 Livestock Production – 3 college credits				

Career exploration, artificial insemination, embryo transfer, livestock nutrition, livestock anatomy, and livestock diseases

Animal Science II is a challenging course that delves deeper into the livestock and equine industry. Emphasis is placed on reproduction and health in the livestock industry. Students will work with power points and present topics of interest to the class. Research will be done in diseases and problems within the livestock industry as well as looking at nutrition requirements of all livestock and equine.

\*\*\*\*\* The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change any time at the Gillette College discretion.

Course Name	Ag Mechanics A				
Course Number	743201			Credit Type	Elective
Grade Level	10	11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	CTE
Prerequisite	Ag Science I or Welding I				
Requirement	Must pass safety test with 100% within first 2 weeks of class				

Ag Mechanics A emphasizes fundamentals in concrete, electrical wiring and welding. A majority of the time is spent in shop refining technical skills and in building projects which are student and teacher selected. Students will be working with torches, arc welders, mig welders, and larger power tools and equipment.

**Content:** Welding, electrical wiring, concrete basics, research paper on controversial issue, resumes and interviews, careers in ag or welding, and project layout and construction

**Students are required to furnish their own coveralls/welding jacket for shop**

**AG MECHANICS A AND AG MECHANICS B – TOGETHER ARE A YEAR LONG COURSE**

Course Name	Ag Mechanics B				
Course Number	743202			Credit Type	Elective
Grade Level	10	11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	CTE
Prerequisite	Ag Mechanics A				
Requirements	Safety test must be passed with 100% within first 2 weeks of class.				

Ag Mechanics B emphasizes fundamentals in concretion, electrical wiring and welding. A majority of the time is spent in shop refining technical skills and in building projects which are student and teacher selected. Students will be working with torches, arc welders, mig welders, and larger power tools and equipment.

**Content:** Welding, electrical wiring, concrete basics, research paper on controversial issue, resumes and interviews, careers in ag or welding, and project layout and construction

**Students are required to furnish their own coveralls/welding jacket for shop**

Course Name	Agriculture Science I				
Course Number	760901	760902	Credit Type		Elective
Grade Level	9	10	11	12	½ credit
Course Length	Year Long Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	CTE
Prerequisite	None				
Requirements	Students must pass the safety test with 100% to work in the shop				

Ag Science is designed to introduce students into the agriculture industry and careers available to them. Students will be exposed to all areas including beef, sheep, swine, horse, poultry, and dairy. Students will also be introduced to the shop and will develop skills in the areas of arc, mig, and gas welding and plasma cutting. FFA will also be included throughout the year with record keeping and public speaking included.

Course Name	Ag Fabrication A				
Course Number	745101			Credit Type	Elective
Grade Level	10	11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	Enriched			Meets Hathaway Success Curriculum	CTE
Prerequisite	Ag Mechanics A and Ag Mechanics B				
Requirements	Students must have taken and passed Ag Mechanics A prior to enrolling in this class. Must pass safety test with 100% within the first 2 weeks of class.				

Ag Fabrication A emphasizes fundamentals in surveying, block laying, painting, and welding. A majority of the time is spent in shop refining technical skills and building projects which are student and teacher selected. Students will be working with torches, arc welders, mig welders and larger power tools and equipment. Students will research and present a topic on a controversial issue as well as design a sales brochure for a product or service that the student selects.

**Content:** welding, surveying, block laying basics, research paper on controversial issue, sales and service brochure, painting, and project layout and construction

**Students are required to furnish their own coveralls/welding jacket for shop.**

Course Name	Ag Fabrication B				
Course Number	745102			Credit Type	Elective
Grade Level	10	11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	Enriched			Meets Hathaway Success Curriculum	CTE
Prerequisite	Ag Fabrication A				
Requirements	Students must pass the safety test with 100% to work in the shop				

Ag Fabrication B emphasizes fundamentals in surveying, block laying, painting, and welding. A majority of the time is spent in shop refining technical skills and building projects which are student and teacher selected. Students will be working with torches, arc welders, mig welders and larger power tools and equipment. Students will research and present a topic on a controversial issue as well as design a sales brochure for a product or service that the student selects.

**Content:** welding, surveying, block laying basics, research paper on controversial issue, sales and service brochure, painting, and project layout and construction

**Students are required to furnish their own coveralls/welding jacket for shop.**

**AG FABRICATION A AND AG FABRICATION B – TOGETHER ARE A YEAR LONG COURSE**

Course Name	Ag Business				
Course Number	765630			Credit Type	Elective
Grade Level	10	11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	CTE
Prerequisite	Two Semesters of Agriculture				
Concurrent Enrollment	AGEC 1005 Survey of Agri-Management – 4 college credits				

Ag Business emphasizes the fundamentals of farm and ranch management. Computers will be used substantially throughout the semester when developing financial spreadsheets, record keeping practices and researching current agricultural market reports. Career exploration, self-employment opportunities and business structures will also be researched. Students will be required to keep a notebook of classroom units to use as a reference for future classes and they may enter this notebook at the county and state fairs. Students will be encouraged to participate in FFA activities through the semester.

**Content:** net worth statements, income statements, careers in ag, credit scores, budgeting, profit and loss, cash flow, planning livestock facilities, financing, record keeping, and FFA activities and participation

\*\*\*\*\* The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion.

Course Name	Agriculture Education IV			
Course Number	762531	762532	Credit Type	Elective
Grade Level		12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	Enriched		Meets Hathaway Success Curriculum	CTE
Prerequisite	Three (3) full years of Ag classes			
Requirements	Students must pass the safety test with 100% to work in the shop			
Concurrent Enrollment	AGEC 1000 Ag Orientation – 2 college credits			

Ag IV and V emphasizes fundamentals in the above content areas. A majority of the time is spent completing individual projects in the shop and the classroom. Students will be working with torches, arc welders, mig welders, and larger power tools and equipment while in shop and spend time in the classroom on animal and career units. Students are required to furnish their own coveralls/welding jacket for shop. Students will research and present a topic on a controversial issue and utilize class time to complete state degree applications. Time is also spent researching future career goals and educational opportunities. This class should be taken concurrently with Ag V.

**Content:** weld and rope display boards, pesticide certification, college admissions applications, research paper on controversial issue, range management, state degree applications, animal reproduction, and project layout and construction

\*\*\*\*\* The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion.

Course Name	Equine Science						
Course Number	701101				Credit Type	Elective	
Grade Level	<div></div>	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	Agriculture Science I						

The first half of this course will examine the equine industry including the history and development, selection, nutrition and feeding, handling and along with health management. The last half of the semester, Equine Science emphasizes sound management practices within the horse industry. Units covered in this course include: career skills, facilities needed, breeding and reproduction, disease, parasites, basic horsemanship, and business practices.

# Art

Course Level	Course	Credit	9	10	11	12	Hathaway
General	Drawing I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Drawing II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Printmaking	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Painting I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Painting II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Landscape Painting	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
Enriched	Art Portfolio: Drawing-Painting	$\frac{1}{2}$ credit per semester <b>Semester or Year Long Course</b>				X	Fine Arts
General	2D Alternative Mediums	$\frac{1}{2}$ credit <b>Semester Course</b>				X	Fine Arts
General	3D Alternative Mediums	$\frac{1}{2}$ credit <b>Semester Course</b>				X	Fine Arts
General	Watercolor I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Watercolor II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Ceramics I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Ceramics II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Sculpture I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Sculpture II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Ceramics Studio	$\frac{1}{2}$ credit <b>Semester Course</b>				X	Fine Arts
Enriched	Art Portfolio: Ceramics	$\frac{1}{2}$ credit per semester <b>Semester or Year Long Course</b>				X	Fine Arts
General	Graphic Design I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Graphic Design II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
College	Art Portfolio: Graphic Design	$\frac{1}{2}$ credit per semester <b>Semester or Year Long Course</b>				X	Fine Arts
General	Photography I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
General	Photography II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Fine Arts
Enriched	Art Portfolio: Photography	$\frac{1}{2}$ credit per semester <b>Semester or Year Long Course</b>				X	Fine Arts

## Art Courses

Course Name	Drawing I						
Course Number	643400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General			Meets Hathaway Success Curriculum			Fine Arts
Prerequisite	None						

Have you ever wanted to learn to draw really well? This class will take you through all the steps from looking for basic shapes, proportion, and perspective to value in shading your compositions. You will get to use a variety of media: pencils, colored pencils, crayons, ink, pens, and chalk pastels on a variety of surfaces using many different techniques. Drawing from life, drawing from imagination, and figure drawing will be covered. This course is strongly recommended as a basis for all art classes and is a prerequisite for Drawing II.

Course Name	Drawing II						
Course Number	643500				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Drawing I or Instructor Approval						

This is the class for you to really shine and produce awesome drawings reflecting creative and expressive compositions! Drawing II continues to develop drawing skills and ideas through the students own references and observations to create more involved and higher levels pieces.

Course Name	Printmaking						
Course Number	657300				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	None						

Printmaking is an ancient art form which in the 20<sup>th</sup> century emerged as a major medium of visual expression. Each of the various printmaking methods presents its own unique possibilities for graphic expression. This course explores the aesthetic of multiple originals of a design. Basic exercises will be presented in several printmaking techniques in conjunction with problems in drawing and design. The latter part of the course will emphasize creative image making and the application of techniques learned to the production of those images.

Course Name	Painting I						
Course Number	642400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	None						

What fun you will have creating in color! You will learn how to mix colors for intensity and value in a variety of media. By exploring basic techniques of painting from art history and trying these techniques from impressionism to realism, from glazing to wet-in-wet techniques, it will lead you to develop your own technique and style. By working from your own references and from life, this will develop your eye to see composition and to create great original paintings!

Course Name	Painting II						
Course Number	671520				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Painting I or Instructor Approval						

Painting II builds on all the skills and concepts introduced in Painting I. This gives you another semester to work on your technique with an emphasis on creating expressive and more complex compositions! Projects will put emphasis on creative problem solving in a variety of assignments and explore other ways in which painting can be used, such as in mixed media.

Course Name	Art Portfolio: Drawing-Painting				
Course Number	671100		Credit Type	Elective	
Grade Level		12	Credit	½ credit per semester	
Course Length	Semester or Year Long Course		Fee	None	
Course Level	Enriched		Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Instructor Approval based on portfolio review				

This class is designed for students interested in pursuing an advanced understanding of both technical and conceptual aspects of a particular field of visual art. This class is meant to enhance the student's work in order to better prepare them for portfolio scholarship at the university level. The course work will build upon the skills and knowledge acquired during beginning and advanced classes.

Course Name	Watercolor I									
Course Number	656300				Credit Type	Elective				
Grade Level	9	10	11	12	Credit	½ credit				
Course Length	Semester Course				Fee	None				
Course Level	General				Meets Hathaway Success Curriculum					Fine Arts
Prerequisite	None									

Watercolor I studies examples of past watercolors in addition to painting exercises, working with color theory and understanding value. Although watercolor is a material, it has proven to be one of the more difficult media for artists to master. Therefore exercises in value, color intensity, glaze buildups (washes), textures, and other water mediums are covered in the class to produce the charming luminosity that is so special to watercolor.

Course Name	Watercolor II							
Course Number	674200				Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit		
Course Length	Semester Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts	
Prerequisite	Watercolor I or Instructor Approval							

Watercolor II is a class specifically designed for the students who enjoyed and excelled at Watercolor I. Watercolor II would benefit the students who want more time exploring watercolor and other water medium techniques. Students will learn about watercolor masters from Art history as well as develop their own unique style and subject matter.

Course Name	2D Alternative Mediums						
Course Number	689200			Credit Type	Elective		
Grade Level		11	12	Credit	½ credit		
Course Length	Semester Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum			Fine Arts
Prerequisite	Instructor Approval						

2D Alternative Mediums applies to all two-dimensional aspects of art including but not limited to painting, drawing, printmaking, graphic design, and photography. This class further explores the skills and knowledge introduced in the beginning classes with an added emphasis on media exploration and creative problem solving.

Course Name	3D Alternative Mediums						
Course Number	689220			Credit Type	Elective		
Grade Level		11	12	Credit	½ credit		
Course Length	Semester Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum			Fine Arts
Prerequisite	Instructor Approval						

3D Alternative Mediums applies to all three-dimensional aspects of art including but not limited to ceramics and sculptural mediums. This class further explores the skills and knowledge introduced in the beginning classes with an added emphasis on media exploration and creative problem solving.

Course Name	Landscape Painting						
Course Number	647510				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Painting I or Instructor Approval						

This class is designed for students interested in creating landscape paintings. Students will use a variety of mediums such as graphite, acrylic paint, oil paint, and pastels to further painting skills and problem solving while creating paintings. Students will progress through assignments pertaining to, plein air painting (painting on location or observation), painting from a small study to a large painting, working with photography, Adobe Photoshop, color theory, composition, lighting, creating a mood, developing an individual style through personal expression, and the study of landscape painters.

Course Name	Ceramics I							
Course Number	653400				Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit		
Course Length	Semester Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum			Fine Arts
Prerequisite	None							

Ceramics I is a hands-on Art class. You work every day to create quality pottery works using coil, slab, and pottery wheel methods. The freedom of solving problems in an innovative way can help you in all your experiences in real life. This is the emphasis in this class. You will have several quality projects to do, all of which will help you solve problems creatively. This is a great opportunity to learn a new way to express yourself.

Course Name	Ceramics II						
Course Number	654500				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Ceramics I or Instructor Approval						

Ceramics II is a hands-on Art class. You work every day to create quality pottery works. You will enhance skills from Ceramics I and explore new methods and materials to help you express yourself creatively. Projects are designed to challenge your problem solving skills and creative freedom.

Course Name	Sculpture I						
Course Number	658300				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Ceramics I or Instructor Approval						

Sculpture I is a hands-on Art class. You work every day to create quality Sculpture works. Many processes and media will be used in the creation of your sculptures. The freedom of solving problems in an innovative way can help you in all your experiences in real life and this is the emphasis in this class. You will have several quality projects to do, all of which will help you solve problems creatively and learn a new way to express yourself.

Course Name	Sculpture II						
Course Number	658400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Sculpture I or Instructor Approval						

Sculpture II is designed for Sculpture I students who want to deepen their knowledge of materials, methods, and concepts of contemporary sculpture. Many processes and mediums can be used in the creation of sculptures to create quality works of art. Projects are designed to challenge your problem solving skills and creative freedom.

Course Name	Ceramics Studio					
Course Number	658410			Credit Type	Elective	
Grade Level		11	12	Credit	½ credit	
Course Length	Semester Course			Fee	None	
Course Level	General			Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Ceramics I & II, Sculpture I & II, or Instructor Approval					

Ceramics Studio is a hands-on Art class. You work every day to create quality pottery works. You really need to be dedicated to Art to take this class. Ceramics Studio will provide you with a stimulating and challenging environment for artistic and intellectual growth. Your works and projects are yours, driven by your particular thematic interests in ceramics.

<b>Course Name</b>	<b>Art Portfolio: Ceramics</b>		
<b>Course Number</b>	681200	<b>Credit Type</b>	Elective
<b>Grade Level</b>	12	<b>Credit</b>	½ credit per semester
<b>Course Length</b>	Semester or Year Long Course	<b>Fee</b>	None
<b>Course Level</b>	Enriched	<b>Meets Hathaway Success Curriculum</b>	Fine Arts
<b>Prerequisite</b>	Instructor Approval based on portfolio review		

This class is designed for students interested in pursuing an advanced understanding of both technical and conceptual aspects of particular field of visual art. This class is meant to enhance the student's work in order to better prepare them for portfolio scholarship at the university level. The course work will build upon the skills and knowledge acquired during beginning and advanced classes.

Course Name	Graphic Design I									
Course Number	663300				Credit Type	Elective				
Grade Level	9	10	11	12	Credit	½ credit				
Course Length	Semester Course				Fee	None				
Course Level	General				Meets Hathaway Success Curriculum					Fine Arts
Prerequisite	Photography I or Instructor Approval									

Graphic Design is a broad field. A common thread in Graphic Design is the idea of the image as a message. This course explores the use of images to convey messages, typography, presenting problems in logo design, poster design, illustration, and assorted advertising designs. This class is set up using high technological computer graphics, Adobe Photoshop, Illustrator, and the traditional pencil and paper. With creative and problem solving students will experience a true-to-life working experience in the field of art. In using graphics, emphasis will be placed on creativity using many mixed mediums, layout design and composition. The student will be expected to do some investigation into the wide range of commercial art related careers.

Course Name	Graphic Design II									
Course Number	663400				Credit Type	Elective				
Grade Level	9	10	11	12	Credit	½ credit				
Course Length	Semester Course				Fee	None				
Course Level	General				Meets Hathaway Success Curriculum					Fine Arts
Prerequisite	Graphic Design I or Instructor Approval									

As students explore the advanced use of graphic technology they will continue to better their skill using Adobe Illustrator and other technology. Graphic Design II is specifically designed for students who excelled and enjoyed Graphic Design I. As students explore the advanced use of graphic technology they will continue to better their design skills. Students will use the traditional pencil and paper as well as the digital tablet and pen to create visual messages. We will continue the exploration of making meaning with images and communicating with symbols.

Course Name	Art Portfolio: Graphic Design			
Course Number	694410		Credit Type	Elective
Grade Level		12	Credit	½ credit per semester
Course Length	Semester or Year Long Course		Fee	None
Course Level	College		Meets Hathaway Success Curriculum	Fine Arts
Prerequisite	Instructor approval based on portfolio review			
Concurrent Enrollment	INET – 1611 Photoshop – 3 College Credits (student must be enrolled in class both semesters to receive this college credit through Gillette College)			

Students will study advanced traditional and digital imaging making techniques, printing techniques and portfolio building. This class is designed for students interested in pursuing an advanced understanding of both technical and conceptual aspects of a particular field of visual art. This class is meant to enhance the student's work in order to better prepare him/her for a portfolio scholarship at the university level. The course work will build upon the skills and knowledge acquired during beginning and advanced classes. Art portfolio is an advanced class, which gives the students the opportunity to:

- \* Express themselves through creative production and ideation.
- \* Prepare a body of work worthy of submission for a scholarship at the university level.
- \* Make connections with historical and cultural context and applications of art to life.

Course Name	Photography I						
Course Number	673400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	None						

Photography I exposes students to basic camera information, skills, and techniques that enhance one's appreciation and ability to produce fine, creative photography. This is a class designed for students to learn a lifelong skill. Students will expand their knowledge of photography through assignments pertaining to camera systems (both 35mm and digital), exposure, film and print development, composition, lighting, motion photography, depth of field, portraits, digital imaging using Adobe Photoshop, and the history of photography.

Course Name	Photography II						
Course Number	675510				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Fine Arts
Prerequisite	Photography I or Instructor Approval						

This class builds upon the basic knowledge learned in Photography I. Students will continue to develop skills, and challenge themselves creatively and independently using a variety of photographic media. Areas of photography that will be explored are digital imaging using Adobe Photoshop, photographic printmaking techniques, various photographic art processes, the history of photography, and documentation through photography.

<b>Course Name</b>	<b>Art Portfolio: Photography</b>		
<b>Course Number</b>	693200	<b>Credit Type</b>	Elective
<b>Grade Level</b>	12	<b>Credit</b>	½ credit per semester
<b>Course Length</b>	Semester or Year Long Course	<b>Fee</b>	None
<b>Course Level</b>	Enriched	<b>Meets Hathaway Success Curriculum</b>	Fine Arts
<b>Prerequisite</b>	Instructor approval based on portfolio review		

This class is designed for students interested in pursuing an advanced understanding of both technical and conceptual aspects of particular field of visual art. This class is meant to enhance the student's work in order to better prepare them for portfolio scholarship at the university level. The course work will build upon the skills and knowledge acquired during beginning and advanced classes.

# Auto Technology

Course Level	Course	Credit	9	10	11	12	Hathaway
General	Small Engine Technology	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Auto Technology I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Auto Technology II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Career and Technical Education
Enriched	Auto Technology III	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Career and Technical Education

## Auto Technology

Course Name	Small Engine Technology						
Course Number	821600				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Requirements	Safety test must be passed with 100% within the first 2 weeks of class.						

Small Gas Engines will involve classroom and laboratory experiences concerned with the theory of operation, the construction, maintenance, repair and adjustment of the various systems of the small gas engine. Every two students will have a new Briggs and Stratton Engine to work on. Areas taught include safety, career opportunities, tools, measuring, manuals, engine fundamentals, two-cycle, four-cycle, basic electricity, ignition systems, fuel systems, lubrication systems, starting systems, and cooling systems.

The second half of the semester continues at a more in-depth level as students put their knowledge to work on various types of small engines. Students will disassemble and become familiar with the work involved in repairing and reassembling these engines. Areas taught include safety, troubleshooting, career opportunities, tools, measuring, manuals, engine fundamentals, two-cycle, four-cycle, basic electricity, ignition systems, fuel systems, lubrication systems, starting systems, and cooling systems. Students will have opportunity to work on their own small engines but will be responsible for supplies they need to fix or repair engines.

Course Name	Auto Technology I						
Course Number	821400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Requirements	Safety test must be passed with 100% within the first 2 weeks of class.						

Auto Technology I will involve classroom and laboratory experiences concerned with the theory of operation, the construction, maintenance, repair and adjustment of most all components of the automobile. Automobiles will be restored only with original equipment. It is highly recommended that students have access to an automobile to experience certain skills.

Course Name	Auto Technology II					
Course Number	823631	823632		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Class			Fee	None	
Course Level	General			Meets Hathaway Success Curriculum		CTE
Prerequisite	Must Pass Auto Technology I with a C or better					
Concurrent Enrollment	ELRT 1540 Heavy Duty Electrical Systems – 4 college credits					
Requirements	Safety test must be passed with 100% within first 2 weeks of class.					

Auto Technology II is designed to teach students the electricity/electronics for use in the automotive field. Emphasis will be on testing and solving electronic problems on simulators and automobiles, using electronic test equipment and engine analyzers. Students will learn basic electricity, starting systems, charging systems, ignition systems, and computer systems.

\*\*\*\*\*The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion.

<b>Course Name</b>	<b>Auto Technology III</b>			
<b>Course Number</b>	822511	822512	<b>Credit Type</b>	Elective
<b>Grade Level</b>		12	<b>Credit</b>	½ credit per semester
<b>Course Length</b>	Year Long Class		<b>Fee</b>	None
<b>Course Level</b>	Enriched		<b>Meets Hathaway Success Curriculum</b>	CTE
<b>Prerequisite</b>	Must Pass Auto Technology II with a C or better			
<b>Requirements</b>	Safety test must be passed with 100% within first 2 weeks of class.			

Auto Technology III emphasizes the technical functions of all parts in the automobile. Students troubleshoot to detect and correct malfunctions in the various systems, using the correct tools, procedures and equipment to repair the systems as close to manufacturer's specifications as possible.

Skills Taught: Engine Overhaul, Brake Maintenance, Clutch R & R, Transmission R & R, Diagnostic Equipment, Drive Train Suspension System

# Business

Course Level	Course	Credit	9	10	11	12	Hathaway
General	Career Pathways	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X			Career and Technical Education
General	Web Page Creation I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Web Page Creation II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
Enriched	Professional Web Design	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	Career and Technical Education
General	Microsoft Office I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
Enriched	Microsoft Office II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Accounting I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Career and Technical Education
Enriched	Accounting II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Career and Technical Education
General	Money 101	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Mentorship	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	Career and Technical Education
General	Cooperative Office Education (COE)	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Career and Technical Education
Enriched	COE Work Internship	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Career and Technical Education
General	Introduction to Business	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Business Marketing	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Career and Technical Education
Enriched	Business Management I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Career and Technical Education
Enriched	Business Management II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Career and Technical Education
Enriched	Entrepreneurship	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Career and Technical Education
Enriched	On-the-job Training (OJT)/Internship	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Career and Technical Education

## Business/Marketing

Course Name	Career Pathways			
Course Number	773900		Credit Type	Elective
Grade Level	9	10	Credit	½ credit per semester
Course Length	Semester		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	CTE
Prerequisite	None			

Career Pathways is an introductory class that is designed to explore various careers and job fields relating to Career Clusters & Pathways. Using technology, internet research, field trips, and a variety of guest speakers, you will be able to discover a wide array of possible opportunities in careers. The class incorporates techniques for job applications, resumes, and interviews. Students will be able to use this information to make wise choices regarding future course selections as they continue through the high school curriculum, opening to a brighter purpose for the future.

Course Name	Web Page Creation I			
Course Number	713410		Credit Type	Elective
Grade Level	9	10	11	12
Course Length	Semester Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	CTE
Prerequisite	None			

Web design is the process of planning and creating a website. Text, images, digital media and interactive elements are shaped by the web designer to produce the page seen on the web page browser. Students will utilize markup language, most notable HTML (hyper text markup language). Students will also become familiar with Adobe Dreamweaver CS5.5, which is yet another tool used to create websites. Web Page Creation II would be an excellent follow-up for those successful in completing Web Page Creation I.

Course Name	Web Page Creation II			
Course Number	713420		Credit Type	Elective
Grade Level	9	10	11	12
Course Length	Semester Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	CTE
Prerequisite	Web Page Creation I			

In Web Page Creation II, you will expand your knowledge in HTML and learn more languages such as JavaScript, DHTML and cascading style sheet. All of these languages will be applied to creating a much more detailed and advanced web page. Professional Web Design would be an excellent follow-up for those successful in completing Web Page Creation II.

Course Name	Professional Web Design					
Course Number	713220			Credit Type	Elective	
Grade Level		11	12	Credit	½ credit	
Course Length	Semester Course			Fee	None	
Course Level	Enriched			Meets Hathaway Success Curriculum		CTE
Prerequisite	Web Page Creation I and Web Page Creation II					

Are you wondering how to get more involved in your high school? Pro Web allows students to create, maintain and update our school website “www-cchs.ccsd.k12.wy.us”. Hands-on web design the students will update web pages for activities, faculty, and academics. This is a yearlong project based class that requires completion of Web Page Creation I and Web Page Creation II.

Course Name	Microsoft Office I						
Course Number	742400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Recommendation	Keyboarding and basic computer skills are strongly encouraged						

Computers are not just for business anymore. They are for everyone and they are everywhere! Mastering basic computer operations is essential for communicating and obtaining information in the rapidly changing technology world! Students will learn life-long skills in the Microsoft Office I course. Students will benefit from Microsoft curriculum and cutting-edge software tools. Students will learn to use the newest version of Microsoft Word, including commands and features to create, customize, and share documents as well as create complex documents and publish them. Students will also learn to use the newest version of Microsoft Excel to organize data, create, customize, and share spreadsheets, charts, and graphs. Students will be challenged with realistic activities in the classroom environment

**\* Students can pay to take the Microsoft Office Specialist Certification Exam\***

Course Name	Microsoft Office II						
Course Number	724500				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	Enriched				Meets Hathaway Success Curriculum		CTE
Prerequisite	Microsoft Office I						
Recommendation	Keyboarding and basic computer skills are strongly encouraged						

Computers are not just for business anymore. They are for everyone and they are for everyone and they are everywhere! During Microsoft Office II, students will enhance the skills learned in Microsoft Office I. Students will benefit from Microsoft curriculum and cutting-edge software tools. Students will learn to use the newest version of Microsoft PowerPoint to create, customize, and deliver presentations. Students will also learn the newest version of Microsoft Access to design, create, and manage databases to produce forms and reports. Students will be challenged with realistic activities in the classroom environment. If time allows, supplemental projects will be explore in Microsoft Publisher, and integration of the primary programs in the Microsoft Suite will be introduced.

**\*Students can pay to take the Microsoft Office Specialist Certification Exam\***

Course Name	Accounting I						
Course Number	741401	741402		Credit Type	Elective		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum <td>CTE</td>			CTE
Prerequisite	None						

Accounting is the language of all businesses. The course is recommended for all students. Most people end up in the business world and accounting will be a major part of that world. Even professional people like doctors, engineers, and lawyers will need to understand accounting. Accounting I will teach the basic principles of accounting along with an introduction to computerized general ledger accounting.

Course Name	Accounting II					
Course Number	742531	742532		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	Enriched			Meets Hathaway Success Curriculum		CTE
Prerequisite	Accounting I					
Concurrent Enrollment	ACCT1010 Accounting I – 4 college credits					

Accounting II offers a thorough background in accounting for the college-bound student or any student interested in a career in business or accounting. Computerized general ledger accounting is used along with extensive work with Excel spreadsheets. This course will better prepare you for the job market or future study in any business field.

Course Name	Money 101						
Course Number	711510				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						

Have you ever wanted to save money to buy a new car? Have you ever wondered why your auto insurance is so high? Have you ever wondered why a bank charges you fees? If you answered yes to any of these questions, then Money 101 is the class for you. During this course you will learn life skills regarding how to manage your money. Money 101 will help you learn how to budget your money, file your taxes, secure your future, buy insurance, improve your business math skills, and understand the importance of good credit. Every student needs to understand these basic concepts in order to be a productive citizen, whether you choose to get a job out of high school or go on to college.

Course Name	Mentorship				
Course Number	745900		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course		Fee	None	
Course Level	General		Meets Hathaway Success Curriculum		CTE
Prerequisite	None				
Recommendation	Must have missed no more than 10 days of school				

All applicants must have missed no more than 10 days of school the prior semester. It is also required that students maintain their own form of transportation to and from their mentorship placement. This class is a pass/fail class. Those students that fail mentorship will be prohibited from enrolling in the class, unless an essay is submitted and approved by mentorship coordinators.

Course Name	Cooperative Office Education (COE)				
Course Number	749611	749612	Credit Type	Elective	
Grade Level			12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None	
Course Level	General		Meets Hathaway Success Curriculum	CTE	
Prerequisite	None				
Recommendation	Word Processing skills and a completed application				

Cooperative Office Education (COE) is designed for any senior who wants to improve office skills and get ready for either college or work after high school. Student's complete extensive units on career research, scholarship and financial aid for continuing education after high school, how to get and keep a job, and many other activities that help prepare them for life after graduation. The latest in computer technology for the office is emphasized. Office etiquette is expected and used. Students must have a good attendance record and complete an application.

Course Name	COE Work Internship				
Course Number	749911	749912	Credit Type	Elective	
Grade Level	12		Credit	½ credit per semester	
Course Length	Year Long Course		Fee	None	
Course Level	Enriched		Meets Hathaway Success Curriculum		CTE
Prerequisite	None				
Requirement	Must be enrolled in Cooperative Office Education (COE)				

Cooperative Office Education work internship provides supervised on-the-job training at cooperating businesses. The student must take the COE class to be enrolled in COE Work Internship. The student will be employed in an office position and work 15-20 hours per week. Students will be paid at least minimum wage, must complete wage/hour reports, follow the guidelines in the training agreement and receive an acceptable performance evaluation. The student is evaluated by the employer and the teacher/coordinator. Students must maintain a passing grade in COE and may not miss more than ten (10) days per semester.

**NOTE:** Juniors may apply for admission, if they meet the above recommendation, have completed one (1) semester of related business course work, and take at least six solid classes before being released for work.

## BUSINESS MARKETING AND MANAGEMENT CLASSES

By taking Marketing & Management classes, you will be better prepared to pursue a college degree in a business related field, face the competitive job market and/or start your own business. Five individual year-long courses are taught: **Introduction to Business, Business Marketing, Entrepreneurship, Business Management I, and Business Management II.** Marketing & Management classes prepare students for careers in finance, management, marketing, economics, accounting, entrepreneurship, fashion merchandising, sports and entertainment marketing, and other related business careers. Business Marketing & Management courses start out fairly easy with the “Introduction to Business” class and progress to a very rigorous class, “Business Management II.” All Business Marketing & Management students participate in a variety of activities. Projects and activities provide the student with a means of mastering many of the course competencies. Projects are student centered and group oriented. Students are given the opportunity to set many of their own goals, work together as a group, and pursue areas of special interest.

Any student taking a Marketing/Management class and meeting Prerequisites for On-The-Job Training may receive school credit for working at a qualifying job. In addition, if a student takes one of these classes, they will be encouraged to apply the knowledge and skills learned and compete on the DECA team. In team competition, students are given realistic business scenarios to solve and present to business professionals. In addition, they take comprehensive tests that are industry certified. This rigorous training helps students develop better problem solving, presentation, and test-taking skills. In order to be part of the DECA Competitive Team or participate in OJT, one of the five year-long courses listed below is required each year.

1. Introduction to Business
2. Business Marketing
3. Entrepreneurship
4. Business Management I
5. Business Management II

Course Name	Introduction to Business							
Course Number	745400				Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit		
Course Length	Semester Course				Fee	\$15.00		
Course Level	General				Meets Hathaway Success Curriculum			CTE
Prerequisite	None							

Whether your career goals are in law, hospital administration, engineering, fashion, sports, marketing, accounting, science, or hospitality understanding business and management is important. Business concepts and technology are becoming a larger part of our lives each year. Knowing how to function in the ever-changing world of business will help the student become more successful. This class will help students understand the economy in which they live, the stock market, and how to win in a competitive job market. Students will gain knowledge of finance and banking, how to establish and keep good credit, and will develop customer service skills. They will learn key ideas to make a business profitable, and will be given an opportunity to put their creative talents to work in designing a promotional campaign for a business. In addition, students will learn how technology has affected business and will use technology to complete their projects. Students will be introduced to careers in marketing, management, accounting, finance, fashion merchandising, retailing, sports and entertainment, and other related careers. **Having a business background will give students a jump on their future!** A simulation called “Virtual Business” (*an international business computer simulation*), is a part of class activities. (*Note: this course will provide a good foundation for future studies at a college or trade school in the areas of marketing, management, accounting, retailing, economics, entrepreneurship, or finance.*)

Course Name	Business Marketing				
Course Number	745501	745502	Credit Type	Elective	
Grade Level	10	11	12	Credit	½ credit per semester
Course Length	Year Long Course			Fee	\$15.00
Course Level	General			Meets Hathaway Success Curriculum	CTE
Prerequisite	None				

Have you ever wondered if and how advertising works or what makes a business or a product successful? Are you interested in business and want to study what truly makes a business profitable? Do you want to be creative and have fun while learning business? If so, Business Marketing is for you! Business Marketing will prepare you for college studies in marketing and/or management. Students will learn how to develop creative advertisements, target markets, plan sales presentation and learn how the Internet is influencing marketing decisions. Emphasis will be placed on group discussions, marketing projects, and solving case problems. A simulation called "Virtual Business," (*an international business computer simulation*), is a part of class activities. (Note: this course will provide a good foundation for future studies at a college or trade school in the areas of marketing, management, accounting, retailing, economics, entrepreneurship, or finance.)

Course Name	Business Management I				
Course Number	746511	746512	Credit Type	Elective	
Grade Level	11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	\$15.00
Course Level	Enriched			Meets Hathaway Success Curriculum	CTE
Prerequisite	Introduction to Business, Business Marketing or Entrepreneurship, or instructor/administration approval				

Would you like to become a better problem solver and a more critical thinker? Would you like to manage a business or are you planning to major in business in college? This class will prepare you with beginning management skills. Careers in marketing and management are growing every year. Students will learn how to plan and organize a business and learn how to evaluate the profitability of a business. Students will learn about financial statements, business plans, and promotional campaigns. In addition, more advanced concepts of economics and International trade will be covered. The professional development unit includes preparing a professional business portfolio so the student has an edge in obtaining scholarships and/or college internships. This class is recommended for all students planning to attend college and major in business administration, marketing, management, economics, accounting, and finance. It is also recommended for the student whose future plans include owning and managing their own business. A simulation called "Virtual Business," (*an international business computer simulation*), is a part of class activities. (Note: this course will provide a good foundation for future studies at a college or trade school in the areas of marketing, management, accounting, retailing, economics, entrepreneurship, or finance.)

Course Name	Business Management II					
Course Number	746631	746632		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	\$15.00	
Course Level	Enriched			Meets Hathaway Success Curriculum		CTE
Prerequisite	Business Management I					

Business Management II offers a comprehensive background for students who plan to major in Business Marketing, Management, Finance, Accounting, Economics, or Business Administration. This course is the second half of a two-year series. It will continue and expand the curriculum of Business Management I. This course will help the student think more critically and enhance the student's ability to make decisions. The student will be challenged with projects and activities that will prepare them for a future rigorous course of study. The professional development unit includes refining their professional business portfolio so that the student has the best chance to obtain a scholarship and/or college internship. The course is designed for serious marketing/management students who have excelled in their previous Business Marketing & Management classes who have an exceptional aptitude for business. A simulation called "Virtual Business," (an international business computer simulation), is a part of class activities. (Note: this course will provide a good foundation for future studies at a college or trade school in the areas of marketing, management, accounting, retailing, economics, entrepreneurship, or finance.)

**Industry Certification is offered to motivated Management II students in the areas of marketing, management and entrepreneurship through the Institute for the Assessment of Skills and Knowledge of Business (A\*S\*K).** (Both MBA Research and Curriculum Center and NOCTI offer this certification)

Course Name	Entrepreneurship					
Course Number	748611	748612	Credit Type	Elective		
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course		Fee	\$15.00		
Course Level	Enriched		Meets Hathaway Success Curriculum			CTE
Prerequisite	Introduction to Business, Business Marketing or Entrepreneurship, or instructor/administration approval					

Interested in starting your own business? Being your own boss? Would you like to understand how to write a business plan or what it takes to succeed in a small business? If you are a future business owner, this class will help you start and manage a small business. You will learn how to design a company, develop the products and services to be offered, as well as devise the marketing and financial plan. You will also have the opportunity to specialize in a particular area of business. This course will prepare a wide variety of students for their future in owning a business or studying business at college. Whatever your future education plans are, you will benefit due to an excellent foundation in small business management and leadership. Students will be given an opportunity to participate in a number of hands on projects in the classroom and the community. A simulation called "Virtual Business," (an international business computer simulation), is a part of class activities. (Note: this course will provide a good foundation for future studies at a college or trade school in the areas of marketing, management, accounting, retailing, economics, entrepreneurship, or finance.)

Course Name	On-the-Job Training (OJT) Internship					
Course Number	799601	799602		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	Enriched			Meets Hathaway Success Curriculum		CTE
Prerequisite	Must be enrolled in at least one of the following: Introduction to Business, Business Marketing, Entrepreneurship, or Business Management I or II.					

On-the-Job Training (OJT) Internship students receive school credit for working at marketing, management, or retailing and other related jobs. Depending on the student's work schedule and classes required for graduation, students taking OJT Internship may be released early from school. Students apply what they learn in their business marketing and management classes to be successful at their OJT Internship.

For each class period a student is released from school, they may be eligible for school credit towards graduation. *(Credits earned will depend both on hours worked at their place of employment and hour released from school.)*

# Family and Consumer Science

Course Level	Course	Credit	9	10	11	12	Hathaway
General	Culinary Arts	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Global Culinary Cuisine	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
Enriched	Professional Foods I	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	Career and Technical Education
Enriched	Professional Foods II	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	Career and Technical Education
General	Child and Family Studies	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Introduction to Early Childhood Education	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	Career and Technical Education
Enriched	Advanced Early Childhood Education	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	Career and Technical Education
General	Fashion Design & Textiles I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education

## Family and Consumer Science

Course Name	Culinary Arts						
Course Number	704210				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						

Culinary Arts is open to anyone that would like to learn how to bake or practice and perfect their baking skills. We will bake a variety of fun and exciting recipes, have in-class contests and learn about baking as a profession. It is a competency based class, with a certificate of completion describing skills learned and mastered within the class. This course is based on a variety of colleges offering courses and majors in “Pastry and Baking.”

Course Name	Global Culinary Cuisine						
Course Number	704220				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						

If you like to cook new foods and plan meals, parties and buffets, Global Culinary Cuisine is for you. You will use a variety of cooking techniques, how to spice foods, special garnishes, prepare meals and cook foods from foreign countries. Learn to cook for yourself and others. Certificate of completion of skills earned will be presented at the end of class. **This course is based on Regional and Foreign foods. Culinary Arts is not a Prerequisite for taking Global Culinary Cuisine.**

Course Name	Professional Foods I					
Course Number	724600			Credit Type	Elective	
Grade Level		11	12	Credit	½ credit	
Course Length	Semester Course			Fee	None	
Course Level	Enriched			Meets Hathaway Success Curriculum		CTE
Prerequisite	Culinary Arts, Global Culinary Cuisine					
Concurrent Enrollment	CULA 1100 Basic Culinary Skills – 3 college credits					

If you are interested in the restaurant business, Professional Foods I class is for you. We study both the cooking side of the restaurant and the business side, using the Foundations of Restaurant Management and Culinary Arts curriculum. Advanced cooking techniques, knife skills, breakfast foods, sandwiches, and drinks, cost control, purchasing and inventory, commercial kitchen equipment will be used as we study and learn about production kitchens. Serving guests, marketing your projects, understanding standardized recipes and running a small business will be included in our Camel Café unit as we make and serve food to others. Serve Safe Certificate is an option – 1 college credit available

Course Name	Professional Foods II			
Course Number	724700			Credit Type Elective
Grade Level		11	12	Credit ½ credit
Course Length	Semester Course			Fee None
Course Level	Enriched			Meets Hathaway Success Curriculum CTE
Prerequisite	Culinary Arts, Global Culinary Cuisine, Professional Foods I			
Concurrent Enrollment	CULA 1510 Sanitation – 1 college credit			

In this advanced restaurant foodservice class you will have the opportunity to study and develop recipes, menus and restaurant design. Cooking will include stocks, sauces and soups, desserts and baked goods and catering for local events. Cooking competitions local and statewide will be used as preparation for finding and showcasing your culinary talents. College credit will be offered from Sheridan College. Internships in local restaurants will be available to assist you with your skills certifications for ProStart.

Course Name	Child and Family Studies						
Course Number	720400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						

This course addresses health and human development from conception to age 3. Topics include building healthy relationships, family types, reproduction, contraception, STIs, fertility, prenatal development and care, birth, children's development, health and safety, and careers in the field. Students will engage in class participation, group projects, worksheets, presentations, field trips, local guest speakers, and tests to show their understanding. This class is for anyone who is from a family (everyone) and those who will be parents in the future (90% of you!)

Course Name	Introduction to Early Childhood Education						
Course Number	721400				Credit Type	Elective	
Grade Level		10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	Child and Family Studies						

This course is an introduction to the philosophies, goals and purpose of group settings in early childhood (3-8 years old) provided along with an examination of curriculum, facilities, and professional opportunities. Students will also practice teaching skills and observation with a mentorship in a pre-school to 3<sup>rd</sup> grade class.

Course Name	Advanced Early Childhood Education				
Course Number	721630			Credit Type	Elective
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	Enriched			Meets Hathaway Success Curriculum	
Prerequisite	Child and Family Studies and Introduction to Early Childhood Education				
CTE					

Students will develop teaching and learning techniques by developing thematic units to teach school readiness skills, exhibiting professionalism and teaching lessons under the direction of a pre-school or elementary school teacher. Students will be evaluated on attendance, weekly assignments and mentor observation of skills, work ethic and professionalism.

Course Name	Fashion Design and Textiles I						
Course Number	721300				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	Supplies for garments	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						

Students will learn design and color in clothing. How design applies to specific individuals, history and care of clothing, the difference of fibers and weaves. Fashion merchandising will be introduced along with careers in the fashion industry. Students will be required to construct an item or garment. Supplies will need to be provided by the student.

# Performing Arts

Hathaway Success Curriculum requires 2 Fine/Performing Arts, Career and Technical Education or Additional Foreign Language credits

Course Level	Course	Credit	9	10	11	12	Hathaway
General	Concert/Marching Band	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Performing Arts
General	Steel Drum Ensemble	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Performing Arts
General	Percussion Ensemble	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Performing Arts
General	Jazz Band I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Performing Arts
General	Jazz Band II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Performing Arts
General	Women's Choir I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Performing Arts
General	Women's Choir II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Performing Arts
General	Women's Choir III	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Performing Arts
General	Men's Choir I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Performing Arts
General	Men's Choir II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Performing Arts
General	Men's Choir III	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Performing Arts
General	Concert Choir	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Performing Arts
General	Concert Orchestra	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Performing Arts
General	Guitar I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Performing Arts
General	Guitar II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Performing Arts
General	College Prep Music History	$\frac{1}{2}$ credit <b>Semester Course</b>				X	Performing Arts
General	College Prep Music Theory	$\frac{1}{2}$ credit <b>Semester Course</b>				X	Performing Arts
General	Acting I	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Performing Arts
General	Acting II	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Performing Arts
General	Theatre Practicum	$\frac{1}{2}$ credit <b>Semester Course</b>			X	X	Performing Arts
General	Theatre Tech	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Performing Arts

## Performing Arts Courses

Course Name	Concert/Marching Band							
Course Number	612541		612542		Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts	
Prerequisite	8 <sup>th</sup> Grade Band							

The class will spend time on scales, technical exercises, etudes, solo and ensemble literature, and appropriate level band literature. This group is a performance group and represents the school at public functions, athletic activities, and evening performances. As a member of the Concert Band, students will also participate in the CCHS marching band during the fall semester, and the CCHS pep band during the spring semester. Students will have the opportunity to audition/participate in All-State, All-Northwest, Northeast District, National honor bands, and regional solo/ensemble festivals. Occasional after school rehearsals/sectionals/performances are required.

Course Name	Steel Drum Ensemble						
Course Number	612711		612712		Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	None						

This class is designed for the beginning student who wishes to learn how to play instruments in a steel drum ensemble. Steel drums, or Steel “pans” are a relatively new instrument that originated in the tiny island nation of Trinidad and Tobago. The class will spend time on scales, etudes, history of the instrument, solo and ensemble literature, and appropriate level music written for the steel drum ensemble. Drum set players wishing to play in this group should have a minimum of 2 years drum set playing experience, and be willing to learn a new style of drum set playing. The steel drum ensemble will perform at various concerts throughout the year, and these concerts/master-classes/rehearsals are a required part of participation in the class. Occasional after school rehearsals/sectionals/performances are required. Students will be required to purchase a set of steel drum mallets for approx. \$20 which they will use throughout the course of the semester.

Course Name	Percussion Ensemble						
Course Number	612411		612412		Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	8 <sup>th</sup> Grade Band						

The class will spend time on scales, technical exercises, etudes, solo and ensemble literature, and appropriate level band literature. This group is a performance group and represents the school at public functions, athletic activities, and evening performances. As a member of the Percussion Ensemble, students will also participate in the CCHS marching band during the fall semester, and the CCHS pep band during the spring semester. Students will have the opportunity to audition/participate in All-State, All-Northwest, Northeast District, National honor bands, and regional solo/ensemble festivals. Occasional after school rehearsals/sectionals/performances are required.

Course Name	Jazz Band I						
Course Number	615911		615912		Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	Concert/Marching Band or Teacher Recommendation						

This course gives students an opportunity to experience different styles of music literature and the creative process unique to jazz. The class will spend time on scales, ear training, improvisation, music theory, sight-reading, and jazz history. The jazz ensemble is a performance ensemble and represents our school at public functions, and evening performances. The jazz ensemble will perform at various concerts and jazz festivals throughout the year, and these concerts/master-classes/ rehearsals are a required part of participation in the class. Occasional after school rehearsals/sectionals/performances are required. Saxes are expected to double on either flute or clarinet. Students will have the opportunity to perform in a combo setting.

Course Name	Jazz Band II					
Course Number	612301	612302		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	General			Meets Hathaway Success Curriculum	Performing Arts	
Prerequisite	Jazz Ensemble I or Teacher Recommendation					

This course gives students an opportunity to experience different styles of music literature and the creative process unique to jazz. The class will spend time on scales, ear training, improvisation, music theory, sight-reading, and jazz history. The jazz ensemble is a performance ensemble and represents our school at public functions, and evening performances. The jazz ensemble will perform at various concerts and jazz festivals throughout the year, and these concerts/master-classes/ rehearsals are a required part of participation in the class. Occasional after school rehearsals/sectionals/performances are required. Saxes are expected to double on either flute or clarinet. Students will have the opportunity to perform in a combo setting.

Course Name	Women's Choir I									
Course Number	623301		623302		Credit Type	Elective				
Grade Level	9	10	11	12	Credit	½ credit per semester				
Course Length	Year Long Course				Fee	None				
Course Level	General				Meets Hathaway Success Curriculum				Performing Arts	
Prerequisite	None									

Women's Choir I offers the beginning female choral student the opportunity to learn the basics of reading choral music as well as singing in a group. The choral program is dedicated to the advancement of the student's vocal and general musical abilities through group and individual participation in singing, listening, sight reading, diction, interpretation, theory, performance and class sharing. The student will be introduced to sight singing with the application of solfege. Students will be learning to read both melodic and rhythmic music, which is a prerequisite for any other level of choir. Various styles and periods of literature will be studied. Students will be required to demonstrate a 90 percent mastery of the skills taught in this class when seeking to be a member of any other class. Students will be required to attend and perform in all scheduled concerts. Uniforms are required and are provided.

Course Name	Women's Choir II						
Course Number	624301		624302		Credit Type	Elective	
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum	Performing Arts		
Prerequisite	Women's Choir I or Teacher Recommendation						

Women's Choir II offers the intermediate female choral student the opportunity to further their understanding of reading choral music as well as singing in a group. The choral program is dedicated to the advancement of the student's vocal and general musical abilities through group and individual participation in singing, listening, sight reading, diction, interpretation, theory, performance and class sharing. The student will be introduced to sight singing with the application of solfege. Students will be learning to read both melodic and rhythmic music, which is a prerequisite for any other level of choir. Various styles and periods of literature will be studied. Students will be required to demonstrate a 90 percent mastery of the skills taught in this class when seeking to be a member of any other class. Students will be required to attend and perform in all scheduled concerts. Uniforms are required and are provided.

Course Name	Women's Choir III						
Course Number	624421	624422		Credit Type	Elective		
Grade Level		11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum	Performing Arts		
Prerequisite	Women's Choir II or Teacher Recommendation						

Women's Choir III offers the advanced female choral student the opportunity to further their understanding of choral music as well as singing in a group. The choral program is dedicated to the advancement of the student's vocal and general musical abilities through group and individual participation in singing, listening, sight reading, diction, interpretation, theory, performance and class sharing. The student will be introduced to sight singing with the application of solfege. Students will be learning to read both melodic and rhythmic music, which is a prerequisite for any other level of choir. Various styles and periods of literature will be studied. Students will be required to demonstrate a 90 percent mastery of the skills taught in this class when seeking to be a member of any other class. Students will be required to attend and perform in all scheduled concerts. Uniforms are required and are provided.

Course Name	Men's Choir I							
Course Number	624961		624962		Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts	
Prerequisite	None							

Men's Choir I offers the beginning male choral student the opportunity to learn the basics of reading choral music as well as singing in a group. The choral program is dedicated to the advancement of the student's vocal and general musical abilities through group and individual participation in singing, listening, sight reading, diction, interpretation, theory, performance and class sharing. The student will be introduced to sight singing with the application of solfege. Students will be learning to read both melodic and rhythmic music, which is a prerequisite for any other level of choir. Various styles and periods of literature will be studied. Students will be required to demonstrate a 90 percent mastery of the skills taught in this class when seeking to be a member of any other class. Students will be required to attend and perform in all scheduled concerts. Uniforms are required and are provided.

Course Name	Men's Choir II						
Course Number	621211		621212		Credit Type	Elective	
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum	Performing Arts		
Prerequisite	Men's Choir I or Teacher Recommendation						

Men's Choir II offers the intermediate male choral student the opportunity to further their understanding of reading choral music as well as singing in a group. The choral program is dedicated to the advancement of the student's vocal and general musical abilities through group and individual participation in singing, listening, sight reading, diction, interpretation, theory, performance and class sharing. The student will be introduced to sight singing with the application of solfege. Students will be learning to read both melodic and rhythmic music, which is a prerequisite for any other level of choir. Various styles and periods of literature will be studied. Students will be required to demonstrate a 90 percent mastery of the skills taught in this class when seeking to be a member of any other class. Students will be required to attend and perform in all scheduled concerts. Uniforms are required and are provided.

Course Name	Men's Choir III						
Course Number	621221	621222		Credit Type			Elective
Grade Level		11	12	Credit			½ credit per semester
Course Length	Year Long Course			Fee			None
Course Level	General			Meets Hathaway Success Curriculum			Performing Arts
Prerequisite	Men's Choir II or Teacher Recommendation						

Men's Choir III offers the advanced male choral student the opportunity to further their understanding of choral music as well as singing in a group. The choral program is dedicated to the advancement of the student's vocal and general musical abilities through group and individual participation in singing, listening, sight reading, diction, interpretation, theory, performance and class sharing. The student will be introduced to sight singing with the application of solfege. Students will be learning to read both melodic and rhythmic music, which is a prerequisite for any other level of choir. Various styles and periods of literature will be studied. Students will be required to demonstrate a 90 percent mastery of the skills taught in this class when seeking to be a member of any other class. Students will be required to attend and perform in all scheduled concerts. Uniforms are required and are provided.

Course Name	Concert Choir						
Course Number	623901	623902		Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum			Performing Arts
Prerequisite	Men's or Women's Choir II or Teacher Recommendation						

Concert Choir offers the intermediate choral student the opportunity to continue their vocal music experience at a challenging level. Members of this choir will study and perform music of various styles. Upon joining a choral group it is a prerequisite that the student wants to sing and perform with others. The student must be willing to learn and participate in all "in and out of class" activities. The choral program is dedicated to the advancement of the student's vocal and general musical abilities through group and individual participation in singing, listening, sight reading, diction, interpretation, theory, performance and class sharing. Interested students are reminded that attendance and participation in all scheduled performances are mandatory. Uniforms are required and will be provided. Members must register for the full year (two semesters).

Course Name	Concert Orchestra						
Course Number	618951		618952		Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	Concertino Orchestra						

Orchestra provides students with a music performing experience utilizing the widest possible variety of music and musical styles available for a string orchestra.

Course Name	Guitar I						
Course Number	625300				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	None						

Guitar I will teach beginning level of guitar and will introduce styles from Bach to Rock. Class size will be limited. Students will learn how to read music, play chords, play rhythm, play lead, tune a guitar, etc. – the basics. Students are advised that they must furnish their own acoustic guitar. Only acoustic guitars will be used during this class.

Course Name	Guitar II						
Course Number	625350				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	Guitar I						

Guitar II will teach intermediate level of guitar and will introduce styles from Bach to Rock. Class size will be limited. Students will continue their ability to read music, play chords, play rhythm, play lead, alternate tuning of a guitar, and read tab. Students are advised that they must furnish their own acoustic guitar. Only acoustic guitars will be used during this class.

Course Name	College Prep Music History			
Course Number	614320	Credit Type	Elective	
Grade Level	12	Credit	½ credit	
Course Length	Semester Course	Fee	None	
Course Level	General	Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	Concert Band			

College Prep Music History offers the college bound music major student the opportunity to continue their music history knowledge at a challenging level. The student must be willing to learn and participate in all “in and out of class” activities. This performing arts class is dedicated to the advancement of the student’s knowledge of music history including research of composers, musical composition knowledge of the evolution from the medieval time period to current day, musical abilities through group and individual participation in, listening, interpretation, and class sharing. Interested students are reminded that this is a college prep level course and will be taught with consideration for the college-bound student and their preparation for college music requirements. Attendance at concerts outside of the school day will be required.

Course Name	College Prep Music Theory		
Course Number	614420	Credit Type	Elective
Grade Level	12	Credit	½ credit
Course Length	Semester Course	Fee	None
Course Level	General	Meets Hathaway Success Curriculum	Performing Arts
Prerequisite	None		

College Prep Music Theory offers the college bound music major student the opportunity to continue their music history knowledge at a challenging level. Members of this class will study music of various styles. The student must be willing to learn and participate in all “in and out of class” activities. This performing arts class is dedicated to the advancement of the student’s knowledge of music theory through group and individual participation in singing, listening, sight reading, diction, interpretation, theory, and class sharing. Interested students are reminded that this is a college prep level course and will be taught with consideration for the college-bound student and their preparation for college music requirements. Attendance at concerts outside of the school day will be required.

Course Name	Acting I							
Course Number	688300				Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit		
Course Length	Semester Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts	
Prerequisite	None							

Acting I is the introduction to the world of theatre by participating as both actor and audience. Students will learn basic acting methods, including motivation, tactics, and memorization techniques. Throughout the semester, students will act in various small performances, which included open scenes, monologues, and two person scenes. In class, work is fast-paced and will be provided in the form of concentration techniques, improvisation, theatre games, script reading, demonstrations, audio-visual material and role-playing. Some out-of-class time will be required where students will have the opportunity to perform for larger audiences. Students will also have the opportunity to see live performances and learn the techniques of critiquing a stage production. Many times throughout the semester, the drama department will take trips to community, college and professional productions.

Course Name	Acting II						
Course Number	695310				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	Acting I						

Acting II is designed as an in-depth study and practice of various acting style and theories. Students will learn period acting, stylized acting, advanced pantomime, movie acting, dialects, and accents through rigorous practice. Students will also learn the basics of auditioning and are required to audition and participate in at least one of the CCHS dramatic activities. Basic theatre tech will also be presented through reading, demonstration and audio-visual materials. Out-of-class time is require for this course.

Course Name	Theatre Tech						
Course Number	689700				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Performing Arts
Prerequisite	Acting I						

Theatre Tech is designed to give students real world application of technical theatre. Students will study and participate in the use of scenic design, lighting design, and sound design. Students will also learn practical application of theatre by creating scenery through stagecraft, and by manipulating lighting and sound equipment for actual productions.

Course Name	Theatre Practicum					
Course Number	689600			Credit Type	Elective	
Grade Level		11	12	Credit	½ credit	
Course Length	Semester Course			Fee	None	
Course Level	General			Meets Hathaway Success Curriculum	Performing Arts	
Prerequisite	Acting I					

Theatre Practicum is geared toward preparing various acting and technical entries for the competition level. During the first part of the semester, students will go through workshops for scene design, script writing, lighting design, make-up design, costume design, publicity design, monologue preparations, duet preparation, and scholarship auditions. After the workshops, students will create a contract outlining what projects will be completed for State Drama. All students will go to the competition and learn from the critiques of college professors and professionals in theatre. In order to be eligible for competition, students must maintain Cs or above in all classes. Course can be taken more than once for credit.

# Technical Education

Course Level	Course	Credit	9	10	11	12	Hathaway
General	CADD – Computer Aided Drafting & Design	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Career and Technical Education
Enriched	CIM – Computer Integrated Manufacturing	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Career and Technical Education
Enriched	CSP – Computer Science Principles	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Career and Technical Education
General	Computer Science	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Introduction to Engineering Design	1 credit <b>Year Long Course</b>	X	X	X	X	Career and Technical Education
Enriched	Engineering Design and Development	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Career and Technical Education
General	Principles of Engineering	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Career and Technical Education
General	Intro to Welding	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Welding I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Career and Technical Education
Enriched	Welding II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Career and Technical Education
General	Woods Fabrication	$\frac{1}{2}$ credit <b>Semester Course</b>	X	X	X	X	Career and Technical Education
General	Construction Fabrication	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Career and Technical Education
Enriched	Construction Technology	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Career and Technical Education
College/ General	Machine Tool Tech I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Career and Technical Education
College/ Enriched	Machine Tool Tech II	<b>College Credit</b>			X	X	Career and Technical Education

## Technical Education

Course Name	Computer Aided Drafting and Design (CADD)						
Course Number	860401		860402		Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Requirements	Safety test must be passed with a 90% or better within the first two weeks of this course						
Recommendation	Basic understanding of windows based operating systems						
Concurrent Enrollment	ENTK Engineering Graphics – 3 college credits						

Computer Aided Drafting & Design will provide the student with the basic introduction to the knowledge and skills needed for future potential Computer Aided Drafting & Design work. You will be exposed to areas of the Drafting and Design world such as print reading, measuring, layout, and dimensioning standards. Areas of the class might also include Computer Aided Drafting & Design applicable areas such as electronics, civil or mechanical engineering, architecture, GIS, or manufacturing. This is the introductory level course that will expose you to the basic elements of using a Computer Aided Drafting & Design system such as SolidWorks. This class will cover basic drawing types such as isometric, orthographic, and architectural layout and design while using the Computer Aided Drafting & Design system and basic sketching techniques.

Course Name	Computer Integrated Manufacturing (CIM)					
Course Number	866511	866512		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	Enriched			Meets Hathaway Success Curriculum		CTE
Prerequisite	Must have taken Computer Aided Drafting & Design (CADD) and at least one PLTW course					
Requirements	Safety test must be passed with 100% within the first 2 weeks of class.					

Computer Integrated Manufacturing (CIM) will involve classroom and laboratory experiences that will focus on the fundamentals of automation in manufacturing. Areas taught include safety, career opportunities, tools, measuring, computer modeling, CNC machining, robotics, automation, and manufacturing.

Course Name	Computer Science Principles (CSP)					
Course Number	863101	863102		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	Enriched			Meets Hathaway Success Curriculum		CTE
Prerequisite	Introduction to Computer Science or Instructor/Administration approval					
Requirements	Safety test must be passed with 100% within first 2 weeks of class.					

Computer Science Principles (CSP) will open doors in any career with computer science! Students create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. Students collaborate to create and present solutions that can improve people's lives. Students will work with applications and languages that include but are not limited to SCRUM/Agile, Scratch, App Inventor, Python, DOS/UNIX, HTML 5, CSS, Javascript, PHP, MySQL, and NetLOGO

Units of Study: **Unit 1:** Algorithms, Graphics, and Graphical User Interfaces

**Unit 2:** The Internet

**Unit 3:** Raining Reigning Data

**Unit 4:** Intelligent Behavior

Course Name	Computer Science (CS)							
Course Number	714800				Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit		
Course Length	Semester course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum			CTE
Recommendation	Interest in computers and technology; work responsibly with expensive equipment							

Computer Science II: This is a class for students who would like to have fun learning more about computers, computer programs and the Windows operating system. Students do NOT need previous computer experience to take this class. This class will allow students to work with the various technologies they will need as they further their education or enter the fast paced and rapidly changing high tech world of work. The student uses the computer to do various activities like animation, electronic publishing, 2D & 3D graphics and many others.

**Content:**

Data Structure & Organization	2D Animation	Online Drafting Design
2D Graphics/Photoshop	Flash CS5	3D Graphics
Fix/Edit Images	Video Game Design	City Block
Special Effects	Splash Screens	3D Components
Public Serve Poster Design	Texture Mapping	3D Vehicle ModeDesign Magazine
Cover	Careers	3D Design Exercises
Design College	Multimedia Career Unit	Digital Music
Animation in Photoshop	Internet Research	Laser Engraving
Photoshop Exercises	Computer Lab Procedures	Sound Effects
3D Printing	Computer Components/How Computers Work	

Course Name	Introduction to Engineering Design (IED)						
Course Number	891901		891902		Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Recommendation	Interest in engineering, independent worker and strong math skills						

Introduction to Engineering Design emphasizes the development of a “design.” Students will learn and apply an engineering design process and see how it is used in industry to manufacture a product. As a part of the engineering design process, computer modeling software will be used to produce, analyze and evaluate models of project solutions. Design concepts of form and function will be studied and state-of-the-art technology will be used to translate conceptual design to reproducible products. First semester topics include the engineering design process, sketching, viewing types of engineering drawings, dimensioning standards and conventions, precision measuring, career exploration and software instruction. Second semester topics include the engineering design process, auxiliary and section views, prototype creation software instruction and practice, product testing, analysis and marketing.

Course Name	Engineering Design and Development (EDD)				
Course Number	806951	806952	Credit Type	Elective	
Grade Level	12		Credit	½ credit per semester	
Course Length	Year Long Course		Fee	None	
Course Level	Enriched		Meets Hathaway Success Curriculum		CTE
Recommendation	Interest in Engineering				
Prerequisite	Computer Integrated Manufacturing or Computer Science Principle or Instructor/Administration approval				

Engineering Design and Development (EDD) is the capstone course for the Engineering Pathway and the PLTW high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

The Engineering Design and Development course of study includes:

The Design Process	Intellectual Property	Teamwork
Project Management	Design Specifications	Concept Testing
Design Proposal	Virtual Solutions	Building a Prototype
Testing a Prototype	Documentation	Presenting the Process and Results
Research Problem Identification, Validation, and Justification		Test Evaluation and Refinement

Course Name	Principles of Engineering (POE)						
Course Number	815901	815902		Credit Type	Elective		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum		CTE	
Prerequisite	Introduction to Engineering Design						

Principles of Engineering (POE), is a Project Lead the Way (PLTW) course. This survey course introduces students to the basics of the engineering fields. Topics include mechanisms and simple machines, energy sources, statics (the study of objects at rest like trusses and bridges), material properties, robotics, statistics and kinematics (the study of objects in motion like projectiles and self-propelled vehicles). They develop problem solving skills and apply their knowledge of research and design to create hands on solutions to various challenges, document their work and communicate solutions. Several field trips and guest speakers will supplement the course. **This class may be taught at the college or at the high school**

Course Name	Intro to Welding						
Course Number	871400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Requirement	Safety test must be passed with a score of at least 90%						

Major areas of study will include using the oxy-acetylene process to cut and braze mild steel, welding safety, welding careers and Shielded Metal Arc Welding (SMAW), also known as “stick welding.” This course will introduce students to the welding profession and prepare them for upper level welding courses offered in CCSD.

Course Name	Welding I						
Course Number	871401		871402		Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Requirement	Safety test must be passed with a score of at least 90%, <b>class attendance is essential</b>						

Students will learn and practice basic arc welding SMAW, including electrode selections and proper usage, joint design and oxyfuel cutting techniques. Welding will be done on stock up to 3/8" in all positions. Cutting will be done on steel up to ¼" and 3/8" with hand and machine torches, power shear, and power saws. Instruction emphasizes safety and care of hand and power tools used in a welding shop.

Course Name	Welding II						
Course Number	872531		872532		Credit Type	Elective	
Grade Level		10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	Enriched				Meets Hathaway Success Curriculum		CTE
Prerequisite	Welding I						
Requirement	Safety test must be passed with a minimum score of 90%, <b>class attendance is essential</b>						
Concurrent Enrollment	WELD 1700 – General Welding – 4 college credits						

Welding II emphasizes specialized classroom and shop experiences, concerned with the use of both GMAW, SMAW, FEAU, and GTAW welding processes to weld metal parts. Special emphasis will be placed on safety of both equipment and personnel. This course is a continuation of Welding I. The purpose of this course is to develop in-depth welding skills for those students wishing to enter employment on a useful and productive basis. Welding will be practiced on Stock up to 1" in horizontal, vertical and overhead positions. Air Carbon Arc Cutting and Plasma Gouging emphasized.

Course Name	Woods Fabrication							
Course Number	883100				Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit		
Course Length	Semester Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum		CTE	
Prerequisite	None							

Introduce students to the field of cabinet construction. This will provide physical application of fundamental concepts and basic processes. Goals will be to develop working knowledge of basic areas of cabinet construction for entry level employment and home maintenance.

Course Name	Construction Fabrication			
Course Number	881401	881402	Credit Type	Elective
Grade Level	10	11	12	Credit
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	CTE
Prerequisite	Woods Fabrication and Computer Drafting and Design			
Requirement	Must pass safety test			
Recommendation	Strongly recommended student has taken CADD			

This course is a one year introductory course for construction trades. Students will cover basic safety construction math, blueprint reading, safe use of hand and power tools, employability skills and communication skills. All these areas will be tested in classroom and in the shop.

Course Name	Construction Technology			
Course Number	882501	882502	Credit Type	Elective
Grade Level	11	12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	Enriched		Meets Hathaway Success Curriculum	CTE
Prerequisite	Construction Fabrication			
Concurrent Enrollment	CNTK 1560 Construction Safety and Safe Use of Tools – 2 college credits/CNTK 1870 Construction Materials and Methods – 3 college credits			

This is a one year class and a safety test must be passed. Construction Technology emphasizes the main points of residential house construction through classroom work and hands on activities. Students will build structures in the shop/yard.

Course Name	Machine Tool Technology I			
Course Number	830401	830402	Credit Type	Elective
Grade Level	11	12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	College/General		Meets Hathaway Success Curriculum	CTE
Prerequisite	None			
Concurrent Enrollment	MCHT 1610 Machine I – 6 college credits/MCHT 1600 Machine Tool Skills Lab – 1 college credit			

This year long course introduces learners to the opportunities and personal traits needed to be successful in the trade. Emphasis is placed on general shop safety, measuring tools, layout tools and bench work fundamentals. The course will cover repair, maintenance, setup and basic operational procedures on the pedestal grinder, drill press and the metal lathe. The vertical mill and its operations will be introduced. This course may need to be taken at the high school or at Gillette College, and may need to cover two periods.

Course Name	Machine Tool Technology II			
Course Number	832531	832532	Credit Type	Elective
Grade Level	11	12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	College/Enriched		Meets Hathaway Success Curriculum	CTE
Prerequisite	Machining I			
Concurrent Enrollment	Machine Tool Tech I, MCHT 1620 Machine II – 6 college credits/MCHT 1600 Tool Skills Lab – 1 college credit			

This course is a continuation of MCHT 1610. Emphasis is placed on personal traits needed to be successful in the trade, shop safety, print reading, layout work, accurate measuring and inspection. Safety, repair, maintenance, set-up, and advanced operational procedures will be covered on the metal lathe, vertical mill, horizontal mill, metal-cutting saw and pedestal grinder. New cutting tools and procedures to efficiently remove metal will be introduced. This course may need to be taken at the high school or at Gillette College, and may need to cover two periods.

# World Languages

Hathaway Success Curriculum requires 2 sequenced years of credits.

Course Level	Course	Credit	9	10	11	12	Hathaway
General	Chinese I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Foreign Language
General	Chinese II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Foreign Language
General	Chinese III	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Foreign Language
General	Chinese IV	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Foreign Language
General	German I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Foreign Language
General	German II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Foreign Language
General	German III	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Foreign Language
General	German IV	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Foreign Language
Enriched	AP German Language and Culture	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Foreign Language
General	Spanish I	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>	X	X	X	X	Foreign Language
General	Spanish II	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>		X	X	X	Foreign Language
College	Spanish III	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>			X	X	Foreign Language
College	Spanish IV	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Foreign Language
Enriched	AP Spanish Language and Culture	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Foreign Language
Enriched	AP Spanish Literature and Culture	$\frac{1}{2}$ credit per semester <b>Year Long Course</b>				X	Foreign Language

The primary goals of the World Language Department are to enable students to use the target language in authentic real-life situations and to develop skills in the three modes of communication: **Interpersonal** (spontaneous two-way communication with the opportunity for negotiation), **Interpretive** (culturally appropriate interpretation of written or spoken samples in the target language with no opportunity for negotiation to take place, students must infer meaning), and **Presentational** (communication that occurs from one to many with time for feedback and polishing of final product). The teaching and implementation of the three modes are in unison with our state and national standards. Our World Language Department is aligned with the Wyoming State Foreign Language standards as well as the national standards developed by the American Council on the Teaching of Foreign Languages. **Students who wish to achieve the top tiers of the Hathaway need to complete 2 sequenced years of a World Language.** Additionally, more and more colleges and universities are requiring a solid language foundation. Therefore it is recommended that college-bound students achieve the proficiency level of Intermediate-low.

The target expectation of proficiency ability and performance that students will have at the end of the year are generally as follows: (Please see chart below for explanation/descriptors for each level)

Level I: Novice-High

Level III: Intermediate-Mid

Level II: Intermediate-Low

Level IV: Intermediate High to Advanced

### Language Proficiency Levels and Descriptors

<b>Novice Level</b>	Communicator is limited to using memorized vocabulary in highly predictable/practiced situations.
<b>Novice-Low Level</b>	Students have no real functional ability and because of their pronunciation, may be unintelligible. Given adequate time and familiar cues, they may be able to exchange greetings, give their identity, and name a number of familiar objects from their immediate environment.
<b>Novice-Mid Level</b>	Students communicate minimally using memorized words and phrases to talk about familiar topics related to school, home, and the community.
<b>Novice-High Level</b>	Students communicate using words, lists, and simple sentences to ask and answer questions, discuss interdisciplinary topics studied, and handle simple transactions related to everyday life.
<b>Intermediate Level</b>	Communicator is able to create with the language for basic survival needs: asking and answering simple questions, and dealing with situations or transactions.
<b>Intermediate-Low Level</b>	Students communicate using simple sentences to ask and answer questions, discuss inter-disciplinary topics studied, and handle uncomplicated transactions related to everyday life.
<b>Intermediate-Mid Level</b>	Students communicate using strings of sentences to ask and answer questions, discuss inter-disciplinary topics studied, and handle slightly complicated transactions related to everyday life.
<b>Intermediate-High Level</b>	Students communicate using connected sentences and paragraphs to handle complicated situations on a wide-range of topics.
<b>Advanced Level</b>	Communicator can narrate and describe across time frames with increasing accuracy, engaging in more sophisticated interactions.
<b>Advanced-Low Level</b>	Students communicate using paragraph-level discourse to handle complicated situations on a wide-range of topics.

## World Language Courses

Course Name	Chinese I							
Course Number	601201		601202		Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum			Foreign Language
Prerequisite	None							

This course is a basic Chinese language course for students who have had no prior experience in the language. Students will learn to communicate in Chinese from a novice-mid to a novice-high level. Instruction will focus on communication, culture, connections, communities and comparisons. Students will learn how to greet and introduce people, how to talk about their families, schools, their hobbies, how to tell time and dates, how to shop and order food. They will also learn to write 500 Chinese characters and be able to recognize 800 characters. Chinese phonetic symbols (pinyin) will be used as a supplementary tool to learn the spoken language. Online course materials are an integral part of the instruction. Students will acquire basic Chinese computing skills. This class will be conducted increasingly in Chinese. Students will participate in cultural activities such as cooking and the creative arts, including music, art, poetry, storytelling, and drama. Activities will be planned to celebrate various holidays, including the Moon Festival and the Chinese New Year. Students will also learn to write a greeting card to a Chinese student to introduce their family, school, and hobbies.

Course Name	Chinese II						
Course Number	602401		602402		Credit Type	Elective	
Grade Level		10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Foreign Language
Prerequisite	Chinese I						

As a continuation of Chinese I, Chinese II will develop students interpretive, interpersonal and presentational skills from the Intermediate-Mid level. Authentic language and cultural data will be used to help student mature in the listening, speaking, reading and writing abilities in Chinese. Students will learn how to ask for and give directions, how to talk about weathers and seasons, how to describe people and animals, how to make phone calls, send text messages, book tickets and hotels, see a doctor, open a bank account, etc. They will learn to write 500 more Chinese characters and recognize 800 more characters, making their active vocabulary 1000 and passive one 1600. Students will keep a journal in Chinese, with no less than 20 entries, each with at least ten sentences. While not compulsory, a two-week trip to China is highly recommended following this course in June. Preparation and planning for the trip will also be part of the course, when student conduct and present research projects on selected aspects of the culture, history and geography of China. The medium of instruction is Chinese, therefore Chinese I is a prerequisite for this course.

Course Name	Chinese III					
Course Number	602403	602404		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	General			Meets Hathaway Success Curriculum		Foreign Language
Prerequisite	Chinese I and II					

In this course students will expand and develop their listening, speaking, reading and writing proficiency in the Chinese language from an Intermediate-High level. Students will learn to write 500 more Chinese characters and recognize 800 more characters, making their total active vocabulary 1,500 and passive vocabulary 2400. Instruction is designed and delivered on the five national standards for language learning: communication, cultures, connections, communities and comparisons. Students will be immersed to the Chinese language and culture through various resources. Segments of Chinese elementary and secondary textbooks in math, physics, chemistry, history, and geography will be introduced. Students will also participate in activities such as interpreting news, TV drama and documentary, feature movies, producing and presenting video clips, calligraphy and cooking. Projects will include the planning of a 5-day Chinese camp in the US or a 5-day English camp in China. Focus will be on the use of the language. The medium of instruction is Chinese, therefore Chinese I and II are prerequisites for this course.

Course Name	Chinese IV				
Course Number	602405	602406	Credit Type	Elective	
Grade Level	12		Credit	½ credit per semester	
Course Length	Year Long Course		Fee	None	
Course Level	General		Meets Hathaway Success Curriculum		Foreign Language
Prerequisite	Chinese, I, II, and III				

This course is designed to develop students' communication proficiency in Chinese from intermediate-high to advanced level. Instruction is based on the five national standards for language learning: communication, cultures, connections, communities, and comparisons. Students will be exposed to the Chinese language and culture through various authentic resources. The class is conducted in Chinese. All activities will be communicative based. By the end of this course, students will have an active vocabulary of 2000 characters and passive vocabulary of 3000 words. Chinese will be used as a bridge of communication for students to connect their learning with their local and global communities and their future careers. For that purpose, clips of news and features from Chinese media and sections of textbooks from Chinese high schools will be used as teaching materials. Students will be asked to plan and encouraged to participate in a 4-week homestay program with a Chinese host family, with daily activities researched and designed in details. Students will also be asked to design a weeklong English or sports camp as part of the sister-school exchange program with a Chinese school. Students must complete Chinese I, II, and III before taking this course.

Course Name	German I							
Course Number	601901		601902		Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum			Foreign Language
Prerequisite	None							

In this course students will learn to communicate in German at an intermediate-low level. Instruction is based on the five national standards for language learning: communication, cultures, connections, communities and comparisons. These standards determine what the students should know and be able to do in the language of study. Students will be exposed to the German language and culture through various resources. The students will be immersed in the German Language except when brief explanations in English are needed. There will be special days in which students participate in cultural activities such as cooking, and the creative arts, including music, art, dance, poetry, storytelling, and drama. Activities will be planned to celebrate various holidays, which are presented from a cultural point of view.

Course Name	German II						
Course Number	601401		601402		Credit Type	Elective	
Grade Level		10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Foreign Language
Prerequisite	German I						

In this course students will communicate in German at an intermediate-mid level. Instruction is based on the five standards for language learning, which include: communication, cultures, connections, communities and comparisons. These standards determine what the students should know and be able to do in the language of study. Students will be exposed to German language and culture through various authentic resources. This class will be conducted in German except when explanations in English are needed such as the teaching of grammar functions etc. There will be special days in which students participate in cultural activities such as cooking, and the creative arts, including music, art, dance, poetry, storytelling, and drama. Activities will be planned to celebrate various holidays, which are presented from a cultural point of view.

Course Name	German III					
Course Number	602501	602502		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	General			Meets Hathaway Success Curriculum		Foreign Language
Prerequisite	German I and II					

In this course students will expand and develop their written, oral, listening, and reading proficiency in the German language at an intermediate-high level. Instruction is based on the five national standards for language learning: communication, cultures, connections, communities and comparisons. These standards determine what the students should know and be able to do in the language of study. Students will be immersed in the German language and culture through various resources. This class will be conducted entirely in German. There will be special days in which students participate in cultural activities such as cooking, and the creative arts, including music, art, dance, poetry, storytelling, and drama. Activities will be planned to celebrate various holidays, which are presented from a cultural point of view.

Course Name	German IV			
Course Number	603631	603632	Credit Type	Elective
Grade Level		12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	Foreign Language
Prerequisite	German I, II, and III (students may choose German IV instead of AP German)			

In this course students will expand and develop their communication proficiency in German at an intermediate-high level to advanced level for heritage/native speakers. Instruction is based on the five national standards for language learning: communication, cultures, connections, communities and comparisons. These standards determine what the students should know and be able to do in the language of study. Students will be exposed to the German language and culture through various authentic resources. This class will be conducted entirely in German, and is designed to be student-centered, communicative, and proficiency-based. Learning opportunities will include a wide variety of literature, authentic language in context, and cultural perspectives. It encourages students to connect their learning to the community in which they live and helps them see the relationship between language, community, and career. **Students may choose to take German IV or AP German after successfully completing German III. Interested students should talk to their German III teacher for recommendations for proper placement.**

Course Name	AP German Language and Culture			
Course Number	626731	626732	Credit Type	Elective
Grade Level		12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	Fee required for AP test
Course Level	Enriched		Meets Hathaway Success Curriculum	Foreign Language
Prerequisite	German I, II, and III (students may choose AP instead of German IV)			
Requirement	Students taking this course are required to take the AP German Language and Culture test.			

AP German Language is intended for advanced students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have a strong foundation of the language and cultures of German-speaking peoples and should have attained a reasonable proficiency level in using the language. This AP German Language Course will help students prepare to demonstrate their level of German proficiency across three communicative modes (Interpersonal which is interactive communication, Interpretive which is receptive communication and Presentational which is productive communication, and the five goal areas outlined in the Standards for Foreign Language Learning in the 21<sup>st</sup> Century: Communication, Cultures, Connections, Comparisons, and Communities). This course is meant to be comparable to college and university courses that focus on speaking, reading, listening and writing in the target language at an advanced level. Students who take this class must be dedicated and highly motivated to meet the challenge and rigorous standards of this course. The class will be conducted exclusively in German and students will be expected to use the target language at all times. Students who enroll in this course are required to take and pay for the AP German Language Exam. **Students may choose to take German IV or AP German after successfully completing German III. Interested students should talk to their German III teacher for recommendations for proper placement.**

Course Name	Spanish I							
Course Number	611901		611902		Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum			Foreign Language
Prerequisite	None							

In this course students will learn to communicate in Spanish at an intermediate-low level. Instruction is based on the five national standards for language learning: communication, cultures, connections, communities and comparisons. These standards determine what the students should know and be able to do in the language of study. Students will be exposed to the Spanish language and culture through various resources. The students will be immersed in the Spanish Language except when brief explanations in English are needed. There will be special days in which students participate in cultural activities such as cooking, and the creative arts, including music, art, dance, poetry, storytelling, and drama. Activities will be planned to celebrate various holidays, which are presented from a cultural point of view.

Course Name	Spanish II						
Course Number	610401		610402		Credit Type	Elective	
Grade Level		10	11	12	Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		Foreign Language
Prerequisite	Spanish I						

In this course students will communicate in Spanish at an intermediate-mid level. Instruction is based on the five standards for language learning, which include: communication, cultures, connections, communities and comparisons. These standards determine what the students should know and be able to do in the language of study. Students will be exposed to Spanish and culture through various authentic resources. This class will be conducted in Spanish except when explanations in English are needed such as the teaching of grammar functions etc. There will be special days in which students participate in cultural activities such as cooking, and the creative arts, including music, art, dance, poetry, storytelling, and drama. Activities will be planned to celebrate various holidays, which are presented from a cultural point of view.

Course Name	Spanish III					
Course Number	612501	612502		Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester	
Course Length	Year Long Course			Fee	None	
Course Level	College			Meets Hathaway Success Curriculum		Foreign Language
Prerequisite	Spanish I and II					
Concurrent Enrollment	SPAN 1010 – 1 <sup>st</sup> Year College Spanish – 4 college credits					

In this course students will expand and develop their written, oral, listening, and reading proficiency in the Spanish language at an intermediate-high level. Instruction is based on the five national standards for language learning: communication, cultures, connections, communities and comparisons. These standards determine what the students should know and be able to do in the language of study. Students will be immersed to the Spanish language and culture through various resources. This class will be conducted entirely in Spanish. There will be special days in which students participate in cultural activities such as cooking, and the creative arts, including music, art, dance, poetry, storytelling, and drama. Activities will be planned to celebrate various holidays, which are presented from a cultural point of view. Students in Spanish III can earn 4 college credits. (Must be enrolled in class both semesters to receive this college credit through Gillette College) *The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion and are dependent on teacher availability.*

Course Name	Spanish IV			
Course Number	613631	613632	Credit Type	Elective
Grade Level	12		Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	College		Meets Hathaway Success Curriculum	Foreign Language
Prerequisite	Spanish I, II, and III (Spanish IV can be taken instead of AP Spanish)			
Concurrent Enrollment	SPAN 1020 – 1 <sup>st</sup> Year College Spanish II – 4 college credits			

In this course students will expand and develop their communication proficiency in Spanish at an intermediate high level and up to advanced level for heritage/native speakers. Instruction is based on the five national standards for language learning: communication, cultures, connections, communities and comparisons. These standards determine what the students should know and be able to do in the language of study. Students will be exposed to the Spanish language and culture through various authentic resources. This class will be conducted entirely in Spanish, and is designed to be student-centered, communicative, and proficiency based. Learning opportunities will include a wide variety of literature, authentic language in context, and cultural perspectives. It encourages students to connect their learning to the community in which they live and helps them see the relationship between language, community, and career. *Students in Spanish IV can earn 4 college credits. (Must be enrolled in class both semesters to receive this college credit through Gillette College) Spanish 1020.* The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion and are dependent on teacher availability. ***Students may choose to take Spanish IV or AP Spanish after successfully completing Spanish III. Interested students should talk to their Spanish III teacher for recommendations for proper placement.***

Course Name	AP Spanish Language and Culture			
Course Number	615731	615732	Credit Type	Elective
Grade Level	12		Credit	½ credit per semester
Course Length	Year Long Course		Fee	Fee required for AP test
Course Level	Enriched		Meets Hathaway Success Curriculum	Foreign Language
Prerequisite	Spanish I, II, and III (students may choose AP instead of Spanish IV)			
Requirement	Students taking this course are required to take the AP Spanish Language & Culture test.			

AP Spanish Language is intended for advanced students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have a strong foundation of the language and cultures of Spanish-speaking peoples and should have attained a reasonable proficiency level in using the language. This AP Spanish Language Course will help students prepare to demonstrate their level of Spanish proficiency across three communicative modes (Interpersonal which is interactive communication, Interpretive which is receptive communication and Presentational which is productive communication, and the five goal areas outlined in the Standards for Foreign Language Learning in the 21<sup>st</sup> Century: Communication, Cultures, Connections, Comparisons, and Communities). This course is meant to be comparable to college and university courses that focus on speaking, reading, listening and writing in the target language at an advanced level. Students who take this class must be dedicated and highly motivated to meet the challenge and rigorous standards of this course. The class will be conducted exclusively in Spanish and students will be expected to use the target language at all times. Students who enroll in this course are required to take and pay for the AP Spanish Language Exam. ***Students may choose to take Spanish IV or AP Spanish after successfully completing Spanish III. Interested students should talk to their Spanish III teacher for recommendations for proper placement.***

<b>Course Name</b>	<b>AP Spanish Literature and Culture</b>			
<b>Course Number</b>	616731	616732	<b>Credit Type</b>	Elective
<b>Grade Level</b>	12		<b>Credit</b>	½ credit per semester
<b>Course Length</b>	Year Long Course		<b>Fee</b>	Fee required for AP test
<b>Course Level</b>	Enriched		<b>Meets Hathaway Success Curriculum</b>	Foreign Language
<b>Prerequisite</b>	Spanish, I, II, III, and IV			
<b>Requirement</b>	Students taking this course are required to take the AP Spanish Literature & Culture test. Students should have a strong foundation in the language and culture, etc.			

AP Spanish Literature is designed to provide students with a learning experience equivalent to that of a third-year college course in Peninsular and Latin American literature. The course is designed to introduce students to the formal study of representative body of Peninsular and Latin American literary texts. Students will read and analyze authentic works from various periods, which include: Medieval and Golden Age Literature, Nineteenth Century Literature, and Twentieth-Century Literature. Students who take this class must be dedicated and highly motivated to meet the challenge and rigorous standards of this course. The class will be conducted exclusively in Spanish and students will be expected to use the target language at all times. Students who enroll in this course are required to take and pay for the AP Spanish Literature Exam.

# Additional Courses

Course Name	Driver's Education			
Course Number	997200		Credit Type	Elective
Grade Level	10	11	12	Credit
Course Length	Semester Course		Fee	\$50.00 must be paid before certificate will be issued
Course Level	General		Meets Hathaway Success Curriculum	No
Prerequisite	None			
Requirement	Instruction Permit, Intermediate License			

Driver's Education provides educational experience which will give pupils the skills, and above all, proper attitudes necessary for the efficient and safe operation of an automobile. The fulfillment of the objective should aid young people to recognize and to conscientiously accept their responsibility for highway safety. \$50.00 fee must be paid before the certificate will be issued for credit. **This course fulfills State Department requirements for Driver's Education.**

Course Name	Athletic Training			
Course Number	381411	381412	Credit Type	Elective
Grade Level	11	12	Credit	½ credit per semester
Course Length	Year Long Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	No
Prerequisite	None			
Recommendation	Human Physiology and have a cumulative 2.50 or higher GPA			

This course is designed to provide the student interested in physical education, coaching, athletic training, physical therapy, nursing, etc., with an introduction to the recognition, prevention, and treatment of common athletic injuries as well as legal and administration issues. **This course does not count as a PE credit.** **This class requires after school observation hours.**

Course Name	Introduction to Medical Sciences			
Course Number	737430		Credit Type	Science
Grade Level	9	10	11	12
Course Length	Semester Course		Fee	None
Course Level	General		Meets Hathaway Success Curriculum	CTE
Prerequisite	None			
Recommendation	Basic math and lab skills			

This course would be an overview of more specific ideas and practices that will be encountered in the following courses. The units would be designed around the Scientific and Engineering practices and would be hands-on application of basic biological concepts that are confronted in the medical field. Units would be the following: Technology in Science, Human Genome, Cancer, Hematology, Infectious Diseases, Sleep Disorders and Bioethics.

Course Name	Human Systems and Monitoring						
Course Number	737361	737362		Credit Type	Science		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum		CTE	
Prerequisite	None						
Recommendation	Basic math and lab skills						

An inquiry based course that will dive into the specific body systems and how medicine is used to prevent and treat ailments from broken bones, to blood disorders, to DNA fingerprinting and analysis. Students will study healthy and unhealthy systems, while designing experiments and technologies to monitor, diagnosis, cure and prevent disease states.

Course Name	Biomedical Careers						
Course Number	737441	737442		Credit Type	Science		
Grade Level		11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum		CTE	
Prerequisite	None						
Recommendation	Basic math and lab skills						

This capstone course will explore medical careers in three parts: in-class inquiries, job exploration and job shadowing. Each quarter will be dedicated to an area in medicine that is available to the student: Quarter 1: Therapists; Quarter 2: Nursing and Medicine; Quarter 3: Medical Laboratories; Quarter 4: Medical Technicians. Finally, all students will become first aid and CPR certified.

# Campbell County Career Pathways

Campbell County “Career Pathways”, formerly known as “Career Academies” are smaller learning communities which create better direction for high school students to post-secondary education and the workplace. Operating as schools within a school, Career Pathways are organized around themes: Energy and Engineering; Health Science and Human Services; Hospitality and Tourism; and Transportation. Pathways students take classes together, remain with the same group of teachers who teach in the student’s area of interest, follow a curriculum that includes rigorous academic as well as career-oriented courses, and participate in work-based learning activities. Career Pathways in CCSD help students to be successful throughout their high school education by giving them the opportunity to explore careers, network with the community, and teach them skills that will help them during and after high school.

The benefits for Career Pathways students are:

- Smaller learning community
- Gain an insight, basic knowledge and understanding about careers in selected academy
- Networking with professionals in the community
- Acquire career and life skills
- Create positive relationships with peers, teachers, and the community
- Field trips to local businesses
- Presentation from guest speakers
- Job shadow, mentorship, internship opportunities
- Partnerships with local employers
- Students will have priority scheduling for their pathway class and the corresponding elective classes

The directions for the Career Pathways will be to become a part of the larger CCSD Career Pathways system, which encompasses the 16 US Department of Education’s Career Clusters. The current pathways available to all students are: Arts and Humanities, Business, Marketing and Information Systems, Engineering, Technology and Manufacturing, and Health and Human Services

Course Name	Career Pathways				
Course Number	773900		Credit Type	Elective	
Grade Level	9	10	Credit	½ credit	
Course Length	Semester Course		Fee	None	
Course Level	General		Meets Hathaway Success Curriculum		CTE
Prerequisite	None				

Career Pathways class gives students an opportunity to explore various academic and technical courses outlined in their career pathway offered at CCSD and Gillette College. Students will participate in problem-based learning resulting in a deeper understanding of their chosen field, technology, career awareness and workforce demands. Learning takes place not only in the classroom with educators and guest speakers but also in the community through field trips and job shadowing. Academy instructors, school guidance counselors and career counselors will work with students to develop a personal Academic and Career Plan to prepare them for advanced academics and technical training. Students will:

- Develop an Academic and Career Plan while participating in Career Planning and Exploration
- Investigate all Career Clusters including STEM
- Be involved in problem-based learning and acquire greater communication and collaborative skills
- Develop workplace readiness skills

Course Name	Career Pathways – Mentorship				
Course Number	730020		Credit Type	Elective	
Grade Level		11	Credit	½ credit	
Course Length	Semester Course		Fee	None	
Course Level	General		Meets Hathaway Success Curriculum		CTE
Prerequisite	Career Pathways				
Requirement	Students must have their own transportation				

Juniors will seek out and pair with a professional in the career field of their interest. For a few hours during scheduled weeks each semester, students will gain firsthand experience and make valuable connections in a work environment. Days that students are not at their mentorship site they are in class reflecting and sharing their experiences through blog submissions, presentations and roundtable discussions. The benefits to pathway students enrolled in mentorship include:

- Having the benefit of an insider's perspective on a career through real-world experience
- Helps in making decisions about career paths
- Receives critical feedback and academic support. Allows for increased self-awareness and self-discipline to expand leadership abilities
- Greater knowledge of career success factors while boosting career prospects and growth

<b>Course Name</b>	<b>Career Pathways – Internship</b>		
<b>Course Number</b>	730030	<b>Credit Type</b>	Elective
<b>Grade Level</b>	12	<b>Credit</b>	½ credit
<b>Course Length</b>	Semester Course	<b>Fee</b>	None
<b>Course Level</b>	Enriched	<b>Meets Hathaway Success Curriculum</b>	CTE
<b>Prerequisite</b>	Career Pathways Mentorship		
<b>Requirement</b>	Students must have their own transportation		

Each year area businesses and Campbell County School District seniors enjoy a win-win relationship. CCSD's work-based internship program not only reinforces the connection between school preparation and workplace needs, but it also provides local employers with the satisfaction of assisting our students with career-preparation and evaluation. The internship program is a wonderful 'hands-on' workplace experience. Interns report to a job site for an average of four hours per week where they work closely with a sponsor for a yearlong experience. Interns typically rotate through various aspects of the business or organization's operation. These training programs are tailored for each student. As a result, most students leave their internship feeling empowered to make wise choices in career planning and college selection. Students interning will:

- Compose bi-weekly journals about internship duties and experiences
- Complete a time and task log of hours spent and task performed at their internship site
- Construct an online E-Portfolio website, complete class assignments, and interviews
- Learn the value of developing relationships with local business people
- Create presentations based on their experiences and skills acquired during their internship

# Engineering, Technology and Manufacturing Pathway

Engineering, Technology and Manufacturing Pathway courses complement traditional mathematics and science courses designed to prepare students to pursue a post-secondary education and careers in STEM (Science, Technology, Engineering, and Math), related fields. This Pathway uses the Project Lead the Way program and curriculum. PLTW leads over 6,500 schools across the nation in science, technology, engineering, and math (STEM) education. Our Engineering, Technology and Manufacturing Pathway is more than just another high school engineering program. It is about applying engineering, science, math, and technology to solve complex, open-ended problems in a real-world context. Students focus on the process of defining and solving a problem, not on getting the “right” answer. They learn how to apply STEM knowledge, skills, and habits of mind to make the world a better place through innovation. Our Engineering, Technology and Manufacturing Pathway students frequently say the program influenced their post-secondary decisions and helped shape their future.

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Career Pathways	Career Pathways	Career Pathways Mentorship	Career Pathways Internship
Introduction to Engineering Design	Principles of Engineering	Computer Integrated Manufacturing	Engineering Design and Development
		Digital Electronics	Digital Electronics

Course Name	Introduction to Engineering Design (IED)							
Course Number	891901		891902		Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum		CTE	
Prerequisite	None							

Introduction to Engineering Design emphasizes the development of a design. Students will learn and apply an engineering design process and see how it is used in industry to manufacture a product.

Course Name	Principles of Engineering (POE)						
Course Number	815901	815902		Credit Type	Elective		
Grade Level	10	11	12	Credit	½ credit per semester		
Course Length	Year Long Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum		CTE	
Prerequisite	Introduction to Engineering Design						

This survey course exposes 10<sup>th</sup> grade students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. Students develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions.

Course Name	Computer Integrated Manufacturing (CIM)								
Course Number	866511		866512		Credit Type	Elective			
Grade Level			11		12		Credit	½ credit per semester	
Course Length	Year Long Course				Fee	None			
Course Level	Enriched				Meets Hathaway Success Curriculum			CTE	
Prerequisite	Principles of Engineering (POE)								
Requirements	Safety test must be passed with 100% within the first 2 weeks of class.								

How are things made? What processes go into creating products? Is the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing? While students discover the answers to these questions, they're learning about the history of manufacturing, robotics and automation, manufacturing processes, computer modeling, manufacturing equipment, and flexible manufacturing systems.

Course Name	Engineering Design and Development (EDD)				
Course Number	806951	806952	Credit Type	Elective	
Grade Level	12		Credit	½ credit per semester	
Course Length	Year Long Course		Fee	None	
Course Level	Enriched		Meets Hathaway Success Curriculum		CTE
Prerequisite	Any PLTW Engineering courses				

In this course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions.

\*\*\*It is recommended that students accepted into the Engineering, Technology and Manufacturing Pathway take a math course each school year.

# Health Science and Human Services Pathway

The Health and Human Services Pathway is the planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. According to the Bureau of Labor Statistics Health Science will be the fastest growing career cluster over the next decade and by 2020, employment in Health Science occupations is projected to grow from 12 million to over 15 million, with 3.5 million new jobs added. In school year 2013-2014 we offered our first Health and Human Services Pathway course. Our ultimate goal is to offer a program of study that provides an overview of the many facets of the ever-emerging medical science field of technology. Students will be able to move from an introduction to the health care delivery system, its services, and wide variety of occupations, to a more specific career focus and specialization in the upper levels.

## Health Science Strand

Course Name	Introduction to Medical Sciences						
Course Number					Credit Type	Science	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Recommendation	Basic math and lab skills						

This course would be an overview of more specific ideas and practices that will be encountered in the following courses. The units would be designed around the Scientific and Engineering practices and would be hands-on application of basic biological concepts that are confronted in the medical field. Units would be the following: Technology in Science, Human Genome, Cancer, Hematology, Infectious Diseases, Sleep Disorders and Bioethics.

Course Name	Human Systems and Monitoring						
Course Number	122600			Credit Type	Science		
Grade Level		10	11	12	Credit	½ credit per semester	
Course Length	Semester Course			Fee	None		
Course Level	General			Meets Hathaway Success Curriculum		CTE	
Prerequisite	Introduction to Medical Sciences						
Recommendation	Basic math and lab skills						

An inquiry based course that will dive into the specific body systems and how medicine is used to prevent and treat ailments from broken bones, to blood disorders, to DNA fingerprinting and analysis. Students will study healthy and unhealthy systems, while designing experiments and technologies to monitor, diagnosis, cure and prevent disease states.

Course Name	Biomedical Careers				
Course Number	122600			Credit Type	Science
Grade Level		11	12	Credit	½ credit per semester
Course Length	Semester Course			Fee	None
Course Level	General			Meets Hathaway Success Curriculum	CTE
Prerequisite	Human Systems and Monitoring				
Recommendation	Basic math and lab skills				

This capstone course will explore medical careers in three parts: in-class inquiries, job exploration and job shadowing. Each quarter will be dedicated to an area in medicine that is available to the student: Quarter 1: Therapists; Quarter 2: Nursing and Medicine; Quarter 3: Medical Laboratories; Quarter 4: Medical Technicians. Finally, all students will become first aid and CPR certified.

## Human Services Strand

Course Name	Child and Family Studies						
Course Number	720400				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						

This course addresses health and human development from conception to age 3. Topics include building healthy relationships, family types, reproduction, contraception, STIs, fertility, prenatal development and care, birth, children's development, health and safety, and careers in the field. Students will engage in class participation, group projects, worksheets, presentations, field trips, local guest speakers, and tests to show their understanding. This class is for anyone who is from a family (everyone) and those who will be parents in the future (90% of you!)

Course Name	Introduction to Early Childhood Education					
Course Number	721400			Credit Type	Elective	
Grade Level	<div></div> 10	11	12	Credit	½ credit	
Course Length	Semester Course			Fee	None	
Course Level	General			Meets Hathaway Success Curriculum		CTE
Prerequisite	Child and Family Studies					

This course is an introduction to the philosophies, goals and purpose of group settings in early childhood (3-8 years old) provided along with an examination of curriculum, facilities, and professional opportunities. Students will also practice teaching skills and observation with a mentorship in a pre-school to 3<sup>rd</sup> grade class.

Course Name	Advanced Early Childhood Education				
Course Number	721630			Credit Type	Elective
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	Enriched			Meets Hathaway Success Curriculum	
Prerequisite	Child and Family Studies and Introduction to Early Childhood Education				
CTE	Health Services				

Students will develop teaching and learning techniques by developing thematic units to teach school readiness skills, exhibiting professionalism and teaching lessons under the direction of a pre-school or elementary school teacher. Students will be evaluated on attendance, weekly assignments and mentor observation of skills, work ethic and professionalism.

# Hospitality and Tourism (Culinary) Pathway

Hospitality & Tourism (Culinary) Strand	Career Pathways	Career Pathways	Career Pathways Mentorship	Career Pathways Internship
	Culinary Arts	Global Culinary Cuisine	Professional Foods	Professional Foods II

Course Name	Culinary Arts						
Course Number	723401				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						

Culinary Arts is open to anyone that would like to learn how to bake or practice and perfect their baking skills. We will bake a variety of fun and exciting recipes, have in-class contests and learn about baking as a profession. It is a competency based class, with a certificate of completion describing skills learned and mastered within the class. This course is based on a variety of colleges offering courses and majors in “Pastry and Baking.”

Course Name	Global Culinary Cuisine						
Course Number	723402				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						

If you like to cook new foods and plan meals, parties and buffets, Global Culinary Cuisine is for you. You will use a variety of cooking techniques, how to spice foods, special garnishes, prepare meals and cook foods from foreign countries. Learn to cook for yourself and others. Certificate of completion of skills earned will be presented at the end of class. **This course is based on Regional and Foreign foods. Culinary Arts is not a Prerequisite for taking Global Culinary Cuisine.**

Course Name	Professional Foods I				
Course Number	724600			Credit Type	Elective
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	Enriched			Meets Hathaway Success Curriculum	
	CTE				
Prerequisite	Culinary Arts, Global Culinary Cuisine				
Concurrent Enrollment	CULA 1100 Basic Culinary Skills – 3 college credits				

If you are interested in the restaurant business, Professional Foods I class is for you. We study both the cooking side of the restaurant and the business side, using the Foundations of Restaurant Management and Culinary Arts curriculum. Advanced cooking techniques, knife skills, breakfast foods, sandwiches, and drinks, cost control, purchasing and inventory, commercial kitchen equipment will be used as we study and learn about production kitchens. Serving guests, marketing your projects, understanding standardized recipes and running a small business will be included in our Camel Café unit as we make and serve food to others. Serve Safe Certificate is an option – 1 college credit available

Course Name	Professional Foods II				
Course Number	724700			Credit Type	Elective
Grade Level		11	12	Credit	½ credit
Course Length	Semester Course			Fee	None
Course Level	Enriched			Meets Hathaway Success Curriculum	CTE
Prerequisite	Culinary Arts, Global Culinary Cuisine, Professional Foods I				
Concurrent Enrollment	CULA 1510 Sanitation – 1 college credit				

In this advanced restaurant foodservice class you will have the opportunity to study and develop recipes, menus and restaurant design. Cooking will include stocks, sauces and soups, desserts and baked goods and catering for local events. Cooking competitions local and statewide will be used as preparation for finding and showcasing your culinary talents. College credit will be offered from Sheridan College. Internships in local restaurants will be available to assist you with your skills certifications for ProStart.

# Transportation Pathway

The Transportation Pathway combines technical, academic and workplace readiness skills in an integrated curriculum. Currently the focus is on the automotive technology industry. This pathway gives students a basic understanding and foundation for auto technology and prepares them for further education and careers in the automotive industry. Students develop diagnostic, technical and academic skills through classroom instruction and hands-on maintenance applications. Through theory and real-world experiences, students master the concepts and gain the ability to identify and perform basic troubleshooting skills to successfully complete repair jobs.

Course Name	Small Engine Technology						
Course Number	821600				Credit Type	Elective	
Grade Level	9	10	11	12	Credit	½ credit	
Course Length	Semester Course				Fee	None	
Course Level	General				Meets Hathaway Success Curriculum		CTE
Prerequisite	None						
Requirements	Safety test must be passed with 100% within the first 2 weeks of class.						

Small Gas Engines will involve classroom and laboratory experiences concerned with the theory of operation, the construction, maintenance, repair and adjustment of the various systems of the small gas engine. Every two students will have a new Briggs and Stratton Engine to work on. Areas taught include safety, career opportunities, tools, measuring, manuals, engine fundamentals, two-cycle, four-cycle, basic electricity, ignition systems, fuel systems, lubrication systems, starting systems, and cooling systems.

The second half of the semester continues at a more in-depth level as students put their knowledge to work on various types of small engines. Students will disassemble and become familiar with the work involved in repairing and reassembling these engines. Areas taught include safety, troubleshooting, career opportunities, tools, measuring, manuals, engine fundamentals, two-cycle, four-cycle, basic electricity, ignition systems, fuel systems, lubrication systems, starting systems, and cooling systems. Students will have opportunity to work on their own small engines but will be responsible for supplies they need to fix or repair engines.

Course Name	Auto Technology I							
Course Number	821400				Credit Type	Elective		
Grade Level	9	10	11	12	Credit	½ credit		
Course Length	Semester Course				Fee	None		
Course Level	General				Meets Hathaway Success Curriculum			CTE
Prerequisite	None							
Requirements	Safety test must be passed with 100% within the first 2 weeks of class.							

Auto Technology I will involve classroom and laboratory experiences concerned with the theory of operation, the construction, maintenance, repair and adjustment of most all components of the automobile. Automobiles will be restored only with original equipment. It is highly recommended that students have access to an automobile to experience certain skills.

Course Name	Auto Technology II				
Course Number	823631	823632	Credit Type	Elective	
Grade Level		11	12	Credit	½ credit per semester
Course Length	Year Long Class		Fee	None	
Course Level	General		Meets Hathaway Success Curriculum		CTE
Prerequisite	Must Pass Auto Technology I with a C or better				
Concurrent Enrollment	ELRT 1540 Heavy Duty Electrical Systems – 4 college credits				
Requirements	Safety test must be passed with 100% within first 2 weeks of class.				

Auto Technology II is designed to teach students the electricity/electronics for use in the automotive field. Emphasis will be on testing and solving electronic problems on simulators and automobiles, using electronic test equipment and engine analyzers. Students will learn basic electricity, starting systems, charging systems, ignition systems, and computer systems.

\*\*\*\*\*The Memorandum between Gillette College and Campbell County School District is renewed annually. Courses offered are subject to change at any time at the Gillette College discretion.

Course Name	Auto Technology III				
Course Number	822511	822512	Credit Type	Elective	
Grade Level	12		Credit	½ credit per semester	
Course Length	Year Long Class		Fee	None	
Course Level	Enriched		Meets Hathaway Success Curriculum		CTE
Prerequisite	Must Pass Auto Technology II with a C or better				
Requirements	Safety test must be passed with 100% within first 2 weeks of class.				

Auto Technology III emphasizes the technical functions of all parts in the automobile. Students troubleshoot to detect and correct malfunctions in the various systems, using the correct tools, procedures and equipment to repair the systems as close to manufacturer's specifications as possible.

Skills Taught: Engine Overhaul, Brake Maintenance, Clutch R & R, Transmission R & R, Diagnostic Equipment, Drive Train Suspension System



*The State of Wyoming provides Hathaway Merit and Need-Based Scholarships to all eligible Wyoming students attending the University of Wyoming or Wyoming community colleges.*