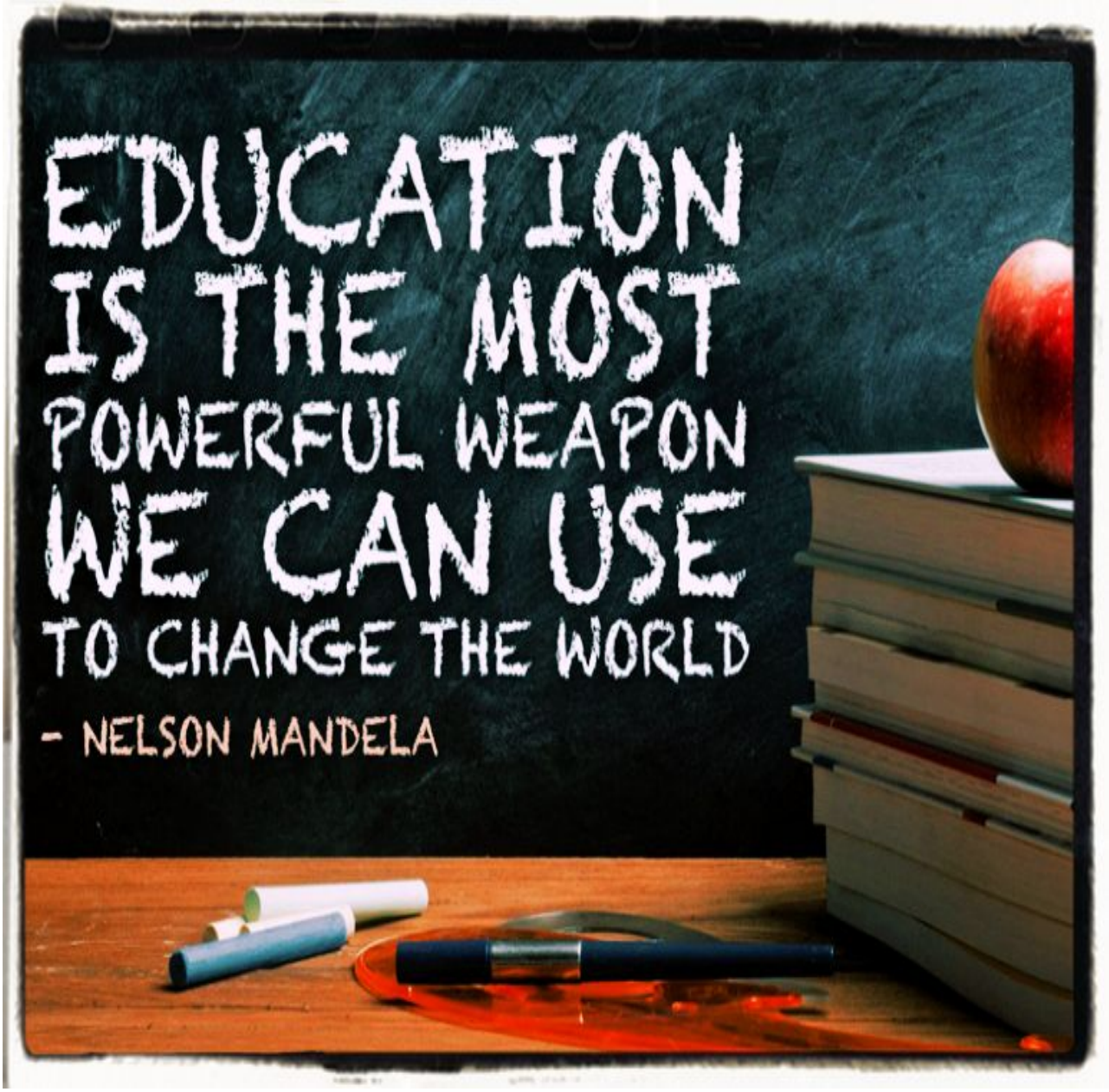
RAWLINS HIGH SCHOOL

Course Catalog

2023-2024



HOME OF THE OUTLAWS!

GRADUATION REQUIREMENTS

Carbon County School District One adheres to requirements set forth in both statute and Wyoming Department of Education rules associated with statutes relating to requirements for high school graduation. The following are graduation requirements for Carbon County School District One schools:

Rawlins High School and Little Snake River Valley High School:

Fifty (50) Carnegie Unit credit hours earned in grades 9-12

1. English - 4 years (8 credits)
2. Math - 3 years (6 credits)
3. Science - 3 years (6 credits)
4. Social Studies - 3 years (6 credits) - must include American and World History, American Government, and Economic Systems and Institutions AND the student must successfully pass an exam of the Principles of the Constitutions of the United States and the State of Wyoming as required by W.S. 21-9-102.
5. Health - ½ year - (1 credit)
6. Physical Education - ½ year - (1 credit)
7. Pass a three course sequence (3 credits) in an identified career technical pathway (FACS, Woods, Auto, Welding, Business, etc...).
8. Electives - 19 credits

OR

Fifty (50) Carnegie Unit credit hours earned in grades 9-12

1. English - 4 years (8 credits)
2. Math - 4 years (8 credits)
3. Science - 4 years (8 credits)
4. Social Studies - 3 years (6 credits) - must include American and World History, American Government, and Economic Systems and Institutions AND the student must successfully pass an exam of the Principles of the Constitutions of the United States and the State of Wyoming as required by W.S. 21-9-102.
5. Health - ½ year - (1 credit)
6. Physical Education - ½ year - (1 credit)
7. Four (4) credits (2 years) combined in EITHER career vocational, foreign language, or fine and performing arts (2 courses MUST be sequential).
8. Electives - 14 credits

*Note: The two options align with the two major paths students can take to be viewed as college or career ready in accordance with the Wyoming Accountability in Education Act Post and Secondary Readiness Indicator.

***Students and parents will be advised on all levels of the Hathaway Success Curriculum to make informed decisions regarding a path to graduation.**

***Health, Physical Education I, and two additional physical education credits are required for graduation for the graduating classes of 2022 and 2023.**

***Health and Physical Education I are required for graduation for the graduating class of 2024 and beyond.**

STUDENT CLASSIFICATION

The number of semesters completed determines the grade level for students:

Sophomore	2 semesters completed
Junior	4 semesters completed
Senior	6 semesters completed

Credits earned, proficiency level, and completion of standards will determine graduation. It is possible for a student to be classified as a senior, and not be eligible for graduation.

STUDENTS ENROLLED PART TIME

Students that are enrolled part time (less than five periods per semester) at Rawlins High School will be held to the same attendance policies as full-time students. Part time students will not loiter in the building during times they are not assigned to class. Part time students will also be held to eligibility rules if they choose to participate in RHS Athletics/Activities. However, part time students will not qualify for NHS or other school awards.

APPROVED EARLY WITHDRAWAL FROM SCHOOL - POLICY "IKFA" (Early Graduation)

Students who wish to withdraw from school upon completion of the minimum requirements for graduation may be allowed under the following circumstances:

Application must be made and approved by the Counselor and the Principal prior to December 1.
The student must have completed a minimum of seven semesters.
The student must have completed all graduation requirements.

STUDENT WITHDRAWAL FROM SCHOOL

If a student drops out of school for a semester or any part of a semester, reinstatement requires approval of the high school principal. A student who has dropped out of school a second time may not be reinstated in school without a review by the Superintendent and approval of the School Board.

ARCHITECTURE & CONSTRUCTION

Pathway courses offered in partnership with Carbon County Higher Education Center.

DESIGN/PRE-CONSTRUCTION

-Wood Working Basics

-Wood Working II

-Wood Working III

-Advance Wood Working

CONSTRUCTION

-Wood Working Basics

-Construction Certification I/ WWCC CNTR 1700 (3 college credits)

-Construction Certification II/ WWCC CNTR 1905 (4 college credits)

Possible Certifications:

OSHA 10– Construction Industry

Graduation Requirements:

~English 4 years (8 credits)

~Math 3 years (6 credits)

~Science 3 years (6 credits)

~Social Studies: 3 years (6 credits)

American & World History, American Government and Economics

~Health: ½ year (1 credit)

~Physical Education: ½ year (1 credit)

~Electives: 19 credits

~ pass a 3 course sequence (3 credits) in Design/Pre-Construction or Construction and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024

Suggested General Education Classes:

-Consumer Math

-Intro to Careers or Senior Success

BUSINESS MANAGEMENT & ADMINISTRATION

ADMINISTRATION SUPPORT

-Intro to Careers
or Intro to Business

-Senior Success

-Career Exploration/Job Shadowing

BUSINESS INFORMATION MANAGEMENT

-Intro to Business or
Intro to Careers

-Business Graphic Design

-Business Graphic Design II

Possible Certifications:

Guest Service Gold or Adobe Certified Professional

Graduation Requirements:

~English 4 years (8 credits)

~Math 3 years (6 credits)

~Science 3 years (6 credits)

~Social Studies: 3 years (6 credits)

American & World History, American Government and Economics

~Health: ½ year (1 credit)

~Physical Education: ½ year (1 credit)

~Electives: 19 credits

~ pass 3 course sequences (3 credits) in an identified career technical pathway (FACS, Woods, Auto, Welding, Business, etc.) and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024.

FINANCE

ACCOUNTING:

-Accounting I-A
-Accounting I-B
-Accounting II-A
-Accounting II-B
-Accounting III-A
-Accounting III-B
-Accounting IV-A
-Accounting IV-B

Possible Certifications:

Quickbooks or Guest Service Gold

Graduation Requirements:

~English 4 years (8 credits)

~Math 3 years (6 credits)

~Science 3 years (6 credits)

~Social Studies: 3 years (6 credits)

American & World History, American Government and Economics

~Health: ½ year (1 credit)

~Physical Education: ½ year (1 credit)

~Electives: 19 credits

~ pass 3 course sequences (3 credits) in an identified career technical pathway (FACS, Woods, Auto, Welding, Business, etc.) and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024.

Suggested General Education Classes:

-Intro to Business
-Intro to Careers or Senior Success
-Career Exploration/Job Shadowing

Health Sciences

Pathway courses offered in partnership with Carbon County Higher Education Center.

SUPPORT SERVICES:

-Health Education
-Health Vocations I (CNA)/WWCC #NRST 1510 (4 college credits)
-Health Vocations II (CNA)/ WWCC NRST 1511

Possible Certifications:

-American Heart Association Basic Life Support (BLS)
-Certified Nursing Assistant (CNA)

Graduation Class Requirements:

~English 4 years (8 credits)

~Math 3 years (6 credits)

~Science 3 years (6 credits)

~Social Studies: 3 years (6 credits)

American & World History, American Government and Economics

~Health: ½ year (1 credit)

~Physical Education: ½ year (1 credit)

~Electives: 19 credits

~ pass a 3 course sequence (3 credits) in Health Sciences and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024.

Suggested General Education Classes:

-Anatomy & Physiology
-Biomedical Science/ WWCC HLTK1200 (2 college credits)
-Chemistry
-Physics
-Sports Medicine
-Career Exploration/Job Shadowing
-Intro to Careers or Senior Success

HOSPITALITY & TOURISM

HOSPITALITY

-Intro to Business

-Intro to Hospitality

-Advance Hospitality

SERVICE MANAGEMENT

-Intro to Foods

-Professional Foods I

-Professional Foods II

Possible Certifications:

Guest Service Gold or ProStart

Graduation Requirements:

~English 4 years (8 credits)

~Math 3 years (6 credits)

~Science 3 years (6 credits)

~Social Studies: 3 years (6 credits)

American & World History, American Government and Economics

~Health: ½ year (1 credit)

~Physical Education: ½ year (1 credit)

~Electives: 19 credits

~ pass 3 course sequences (3 credits) in an identified career technical pathway (FACS, Woods, Auto, Welding, Business, etc.) and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024.

Suggested General Education Classes:

-Nutrition

-Intro to Careers or Senior Success

-Intro to Business (Service Management)

-Career Exploration/Job Shadowing

INFORMATION TECHNOLOGY

PROGRAMMING & SOFTWARE DEVELOPMENT:

-Computer Science Essentials
-Computer Science Principals
-Cyber Security

Possible Certifications:

Project Lead the Way-Computer Science or Guest Service Gold

Graduation Requirements:

~English 4 years (8 credits)

~Math 3 years (6 credits)

~Science 3 years (6 credits)

~Social Studies: 3 years (6 credits)

American & World History, American Government and Economics

~Health: ½ year (1 credit)

~Physical Education: ½ year (1 credit)

~Electives: 19 credits

~ pass 3 course sequences (3 credits) in an identified career technical pathway (FACS, Woods, Auto, Welding, Business, etc.) and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024.

Suggested General Education Classes:

-Business Graphic Design
-Intro to Careers or Senior Success
-Career Exploration/Job Shadowing

MANUFACTURING

Pathway courses offered in partnership with Carbon County Higher Education Center.

MANUFACTURING PRODUCTION PROCESS DEVELOPMENT:

-Welding I/ WWCC WELD 1725 (1 college credit)
-Welding II/ WWCC WELD 1755 (3 college credits)
-Welding III/ WWCC WELD 1760 (3 college credits)
-Welding IV/ WWCC WELD 1840 (3 college credits)
-Welding Fabrication

Possible Certifications:

OSHA 10-Manufacturing

Graduation Requirements:

~English 4 years (8 credits)
~Math 3 years (6 credits)
~Science 3 years (6 credits)
~Social Studies: 3 years (6 credits)
American & World History, American Government and Economics
~Health: ½ year (1 credit)
~Physical Education: ½ year (1 credit)
~Electives: 19 credits
~ pass a 3 course sequence (3 credits) in Welding and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024.

Suggested General Education Classes:

-Consumer Math
-Intro to Careers or Senior Success
-Career Exploration/Job Shadowing

STEM

ENGINEERING & TECHNOLOGY:

-Engineering Essentials
-Computer Science Principals
-Introduction to Engineering Design

Possible Certifications:

Project Lead the Way– Engineering or Guest Service Gold

Graduation Requirements:

~English 4 years (8 credits)

~Math 3 years (6 credits)

~Science 3 years (6 credits)

~Social Studies: 3 years (6 credits)

American & World History, American Government and Economics

~Health: ½ year (1 credit)

~Physical Education: ½ year (1 credit)

~Electives: 19 credits

~ pass 3 course sequences (3 credits) in an identified career technical pathway (FACS, Woods, Auto, Welding, Business, etc.) and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024.

Suggested General Education Classes:

-Intro to Computer Science
-Media Technology
-Intro to Careers or Senior Success
-Career Exploration/Job Shadowing

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Pathway courses offered in partnership with Carbon County Higher Education Center.

Facility & Mobile Equipment Maintenance

-Auto Maintenance Basics

-Breaks & Steering/Suspension

-Electrical Systems

Facility & Mobile Equipment Maintenance-Engine

-Auto Maintenance Basics

-Drivetrains & Transmissions

-Engine Repair

Possible Certifications:

-Automotive Service Excellence (ASE)- Engine Repair

-Automotive Service Excellence (ASE)-Brakes

Graduation Requirements:

~English 4 years (8 credits)

~Math 3 years (6 credits)

~Science 3 years (6 credits)

~Social Studies: 3 years (6 credits)

American & World History, American Government and Economics

~Health: ½ year (1 credit)

~Physical Education: ½ year (1 credit)

~Electives: 19 credits

~ pass a 3 course sequence (3 credits) in Automotives and must take the state approved exam associated with that area

Requirements apply beginning with the class of 2024.

Suggested General Education Classes:

-Consumer Math

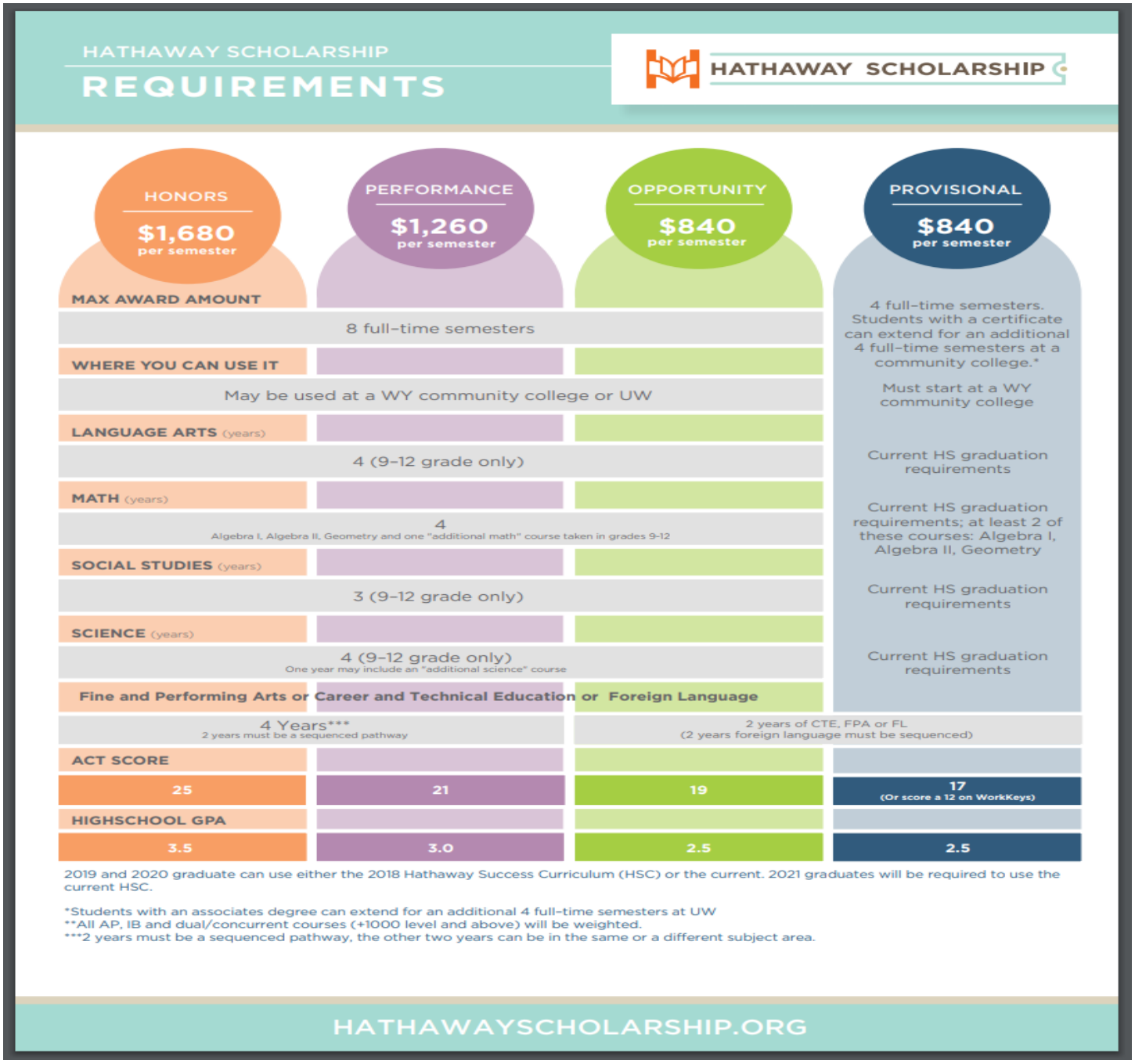
-Intro to Careers or Senior Success

-Career Exploration/Job Shadowing

HATHAWAY SCHOLARSHIP

Hathaway scholarships are designed to provide an incentive for Wyoming students to prepare for and pursue post-secondary education within the state of Wyoming. The program consists of four separate merit scholarships, each with specific eligibility requirements, and a need-based scholarship for eligible supplements the merit awards they earn

Please set up an appointment to meet with your Counselor about any questions.



regarding the Hathaway requirements, your progress towards graduation, or to identify which courses qualify for the Hathaway Success Curriculum.

** Some math and foreign language requirements may be met in 8th grade. If coursework is not indicated on your high school transcript, please submit an official middle school transcript.*

ADMISSIONS TO THE UNIVERSITY OF WYOMING

If you're a high school senior or graduate and new first-year student, or have fewer than 30 transferable semester college credit hours, you'll need:

- A cumulative, unweighted high school GPA of 3.0 (on a 4.0 scale)
- A minimum composite ACT score of 21 or SAT* score of 1060
- Completion of the success curriculum while attending high school

HIGH SCHOOL SUCCESS CURRICULUM	
4 years of English 4 years of Math To include a college preparatory Algebra I, Geometry I, and Algebra II sequence. 4 years of Science One year must be from the Physical Sciences: Physics, Chemistry, or a college preparatory Physical Science course. Remaining years may be a combination of Biological, Life, Physical, or Earth/Space Science courses.	**3 years of Social Science** **4 years of Additional Coursework*** *Students must also complete four years of FOREIGN LANGUAGE courses (one of which must be taken in grades 9-12), -or- FINE AND PERFORMING ARTS courses, -or- CAREER-VOCATIONAL EDUCATION courses, -or- some combination of those 3 disciplines. 2 years must be sequenced in the same discipline.

UW welcomes qualified home school students!

- **Home school students must meet the same requirements as other high school graduates.**
- **The home school instructor should complete the Home School Credit Evaluation Form and send it to the Admissions Office.**

UW welcomes students with General Education Development (GED) credentials!

- **Applicants must have an average/overall score of at least 164 on the GED test.**
- **Applicants less than 21 years old must submit ACT or SAT results to the Admissions Office.**
- **Applicants must be a minimum of 18 years of age or his or her high school class must have graduated.**

NCAA Eligibility Center

ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at **eligibilitycenter.org**. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at **eligibilitycenter.org**.

ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES

Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit **eligibilitycenter.org/courselist** for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

DIVISION II

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

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. Find more information about test scores at **ncaa.org/test-scores**.

TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code 9999 to send your scores directly to us from the testing agency. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score.

HIGH SCHOOL TIMELINE

9TH GRADE

PLAN

- *Start planning now!* Take the right courses and earn the best grades possible.
- Find your high school's list of NCAA-approved core courses at **eligibilitycenter.org/courselist**.
- Sign up for a free Profile Page at **eligibilitycenter.org** for information on NCAA requirements.

10TH GRADE

REGISTER

- If you fall behind academically, ask your counselor for help finding approved courses you can take.
- Register for a Profile Page or Certification Account with the NCAA Eligibility Center at **eligibilitycenter.org**.
- Monitor your Eligibility Center account for next steps.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

11TH GRADE

STUDY

- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.
- Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using code 9999.
- Ensure your sports participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

12TH GRADE

GRADUATE

- Complete your final NCAA-approved core courses as you prepare for graduation.
- Take the ACT or SAT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.
- Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your NCAA Eligibility Center account at **eligibilitycenter.org**.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your NCAA Eligibility Center account.
- *Reminder:* Only students on an NCAA Division I or II school's institutional request list will receive a certification.

How to plan your high school courses to meet the 16 core-course requirement:

4 X 4 = 16

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
(1) English	(1) English	(1) English	(1) English
(1) Math	(1) Math	(1) Math	(1) Math
(1) Science	(1) Science	(1) Science	(1) Science
(1) Social Science and/or additional	(1) Social Science and/or additional	(1) Social Science and/or additional	(1) Social Science and/or additional
4 CORE COURSES	4 CORE COURSES	4 CORE COURSES	4 CORE COURSES

For more information: ncaa.org/playcollegesports | eligibilitycenter.org

Search Frequently Asked Questions: ncaa.org/studentfaq

Follow us: @NCAAEC @playcollegesports @ncaaec

TESTING INFORMATION

The following assessments are given each year at Rawlins High School. These assessments provide a variety of information to assist students in better preparing for their future: i.e. measurement of achieved skills, identification of aptitudes, assessment of student interests and career potential, and admission or placement in college, technical school, or the military.

ACT – *American College Test*

The ACT is important for admissions and proper placement in college. The ACT is the preferred admissions test for most colleges and universities in the United States. The ACT is administered per national test dates at Rawlins High School and/or the Carbon County Higher Education Center in October, December, February, and April. All students can take the ACT as many times as desired, and it is recommended that college-bound students take it again in October and/or December of their senior year. RHS offers paid vouchers for all students to take the ACT for free once per school year. The State of Wyoming requires every 11th grade student to take the ACT in the spring of their junior year for school accountability purposes.

SAT – *Scholastic Aptitude Test*

The SAT is primarily used for admissions and placement at colleges on the East Coast, West Coast, and US Military Academies. The SAT is administered per national test dates and enrollment at Rawlins High School in October, November, December, March, and May.

ASVAB – *The Armed Services Vocational Aptitude Battery*

This battery of tests provides career and vocational information which can be used for enlistment into any branch of the military and/or to further refine individual four-year plans. This test is offered to juniors and seniors in the fall.

PSAT – *Preliminary Scholastic Aptitude Test*

The PSAT is given as a qualifying exam for several scholarships, including the National Merit Scholarship, and to familiarize students with college entrance testing (i.e. ACT, SAT) practices and procedures. The PSAT is offered to juniors in October.

WYTOPP – Wyoming Test of and Progress

The Wyoming Test of Proficiency and Progress (WYTOPP) is a system of interim, modular on-demand, and summative assessments in English Language Arts, Mathematics, and Science. The WYTOPP interim assessments in reading and mathematics are administered in the fall and winter to all 9th and 10th grade students. The WYTOPP writing assessment is administered to 9th grade students only. The WYTOPP science assessment is administered to 10th grade students only. All 9th and 10th grade students are required to take the WYTOPP summative assessments for the State of Wyoming for accountability. They are administered in late spring to all 9th and 10th grade students only. The WYTOPP summative assessments are online adaptive assessments for Math, English Language Arts, and Writing. The Science assessment will be a fixed form online assessment.

ACCESS for ELLs-WIDA

This course of assessments is a series of summative English language proficiency assessments given annually to English learners in kindergarten through grade 12 in the WIDA Consortium member states.

WY-ALT-Wyoming Alternate Assessment for Students with Cognitive Disabilities

This summative assessment is administered annually in late winter/early spring. This assessment is designed to allow low students to demonstrate their knowledge and skills in an appropriately rigorous assessment. ONLY qualified students take the WY-ALT assessment.

***For more information on tests, test registration, or test prep materials please see the counselor or visit the Rawlins High School Counseling website via http://www.crb1.net/**

Western Wyoming Community College
DUAL/CONCURRENT ENROLLMENT PROCEDURES

Eligibility

- The student meets the course entrance requirements, and/or the prior course work required by colleges before enrolling in a dual/concurrent course.
- The student is a high school junior, senior, or has the permission of a high school official if a lower classmen.
- The student has permission from their parent(s) or guardian(s) and a designated school official.

Enrollment

All students must visit with the guidance counselor, as well as Carbon County Higher Education Center staff, to complete enrollment each semester.

College Coursework:

To see a list of Hathaway-approved college courses, meet with your counselor.

Credits for College Coursework: All coursework taken under the dual/concurrent enrollment agreement will be reflected on student transcripts. If a student intends to replace a high school credit with college coursework, he or she must meet with the counselor prior to enrollment in those courses.

Dropping/Failing Classes

If a student drops a class or earns any grade below a C (70%>), they will not be allowed to take college level classes for high school credit the following semester. Students may, however, enroll in college classes with the understanding that the high school will not pay for the classes.

**Any exceptions to these procedures will be strictly at the discretion of administration and may include, but will not be limited to, additional eligibility requirements such as a specific GPA or ACT score.*

RHS COURSE OFFERINGS

FINE/PERFORMING ARTS
VISUAL ART

Art I:
Art I is a drawing course that provides a foundation in drawing using a variety of techniques and media (such as color pencil, Graphite, etc.) in both black and white and color, emphasizing observation and interpretation of the visual environment, life drawing, and imaginative drawing. These courses typically include applying the elements of art and principles of design, along with a study of art and artists from a worldwide perspective, and instruction in the critique process. Advanced courses may encourage students to refine their creative processes and develop their own artistic styles following and breaking from traditional conventions.

ART II
Prerequisite: Successful completion of Art I
Art II enables students to explore one or more art forms (e.g., drawing, painting, printmaking, and sculpture) and to create individual works of art. Courses cover the language, materials, media, and processes of a particular art form and the design elements used. Advanced courses encourage students to refine their skills while also developing their own artistic styles following and breaking from traditional conventions. Courses may also include the study of major artists, art movements, and styles.

ART III
Prerequisite: Successful completion of Art I and Art II
Art III is a guided independent study course, often conducted with instructors or professional artists as mentors, and enables students to explore a particular art form or topic. This course may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills. Students are expected to produce art work allowing them to refine skills within the interest mediums of the student, analyze their work, and make connections to history. These courses are for students who are self-motivated to learn and compete. Regular assignments will be in the form of sketchbook drawings.

Art IV
Art IV is a guided independent study course, often conducted with instructors or professional artists as mentors, and enables students to explore a particular art form or topic. This course may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.Students are expected to produce art work allowing them to refine skills within the interest mediums of the student, analyze their work, and make connections to history. These courses are for students who are self-motivated to learn and compete. Regular assignments will be in the form of sketchbook drawings.

ART PORTFOLIO:
Full Year: Teacher Recommendation Only.
Art Portfolio is an independent Study course, often conducted with instructors or professional artists as mentors, and enables students to explore a particular art form or topic. This course may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills. Students establish a body of work to continue their art endeavors in their post-secondary education. This course allows students to pursue art interest areas as possible careers or a course of study. This course will also include mentoring younger Art students.

VOCAL MUSIC

****All choirs are a year-long commitment****

CONCERT CHOIR

Concert Choir is designed to help students develop vocal techniques and refine their ability to sing parts in small ensembles (e.g., madrigal, barber shop, gospel), regardless of prior experience. Course goals include helping students develop proper vocal techniques, sight-singing skills, performance practices, and emphasizes several ensemble literature styles. This is a performing ensemble, so students will perform in four concerts during the school year.

TREBLE CHOIR

Prerequisite: Audition

Treble Choir is for female students who have demonstrated more advanced singing skills at their audition. Emphasis of study will be continued development and refinement of proper vocal techniques, sight-singing skills, and performance practices. Students will perform in four concerts during the school year and may participate in the District Festival in the spring semester. Students are required to purchase their own dresses for the ensemble. Fundraising opportunities will be made available throughout the year to offset those expenses.

SYMPHONIC CHOIR

Prerequisites: Audition

Symphonic Choir is an upper level mixed performance ensemble. Students must audition prior to registration to be a part of this ensemble. Symphonic Choir will focus primarily on standard concert choir literature. Emphasis of study will be the continued development and refinement of proper vocal techniques, sight-singing skills, and performance practices. Students will perform in four concerts during the school year and participate in the District Festival.

JAZZCO

Prerequisites: Audition

JazzCo is an upper level mixed ensemble that provides students with experience singing a variety of classical and contemporary music in a choral setting. Emphasis of study will be the continued development and refinement of proper vocal techniques, sight-singing skills, and performance practices. Students will perform in four concerts during the school year. JazzCo will also perform publicly and for school activities and events. Students are required to purchase their own uniforms for the ensemble. Fundraising opportunities will be made available throughout the year to offset those expenses.

THEATER ARTS

Students in Theater Arts will learn skills they need to know to produce a play or musical. This course will focus on the study and performance of drama and its history in the forms of musical theater, drama, and comedy. We will review a wide range of scripted materials (such as plays, screenplays, musicals, teleplays, etc.) This course will occasionally require students to perform collaboratively, be involved in the critique of dramatic works, and learn methods of self-expression. Emphasis of study is based around creativity, resourcefulness, open-mindedness, and courage.

ADVANCED THEATER ARTS

Prerequisite: Theater Arts

Students in Advanced Theater Arts will build upon and dive more deeply into the skills and knowledge they gained in Theater Arts. Students will study and learn more about acting, costuming, make-up, set design, lighting, stage management, and musical theater. Students in this class will assist with the Spring musical if taken in the second semester. Emphasis of study is based around creativity, resourcefulness, open-mindedness, and courage.

MUSIC – INSTRUMENTAL

CONCERT BAND

Prerequisite: Students wishing to rejoin band or join for the first time must put in practice time with the instructor and demonstrate commitment to learning an instrument prior to enrollment.

Concert Band is a year-long course that helps students develop techniques for playing brass, woodwind, and percussion instruments and their ability to perform a variety of concert band literature styles. These courses may emphasize rehearsal and performance experiences in a range of styles (e.g., concert, marching, orchestral, and modern) and also include experiences in creating and responding to music. This class includes participation in the Marching Band during the fall semester. Marching Band is a requirement of this class and cannot be bypassed. This is a performing ensemble and as such, students will perform in two concerts a year (winter and spring), and other performances including various festivals and pep band events. Students will be required to purchase some equipment related to this class including, but not limited to: marching shoes, marching gloves, flip folder, lyre, reeds, etc. Scholarships are available for students who need financial assistance in purchasing equipment for this course.

PERCUSSION ENSEMBLE

Prerequisite: Students wishing to rejoin the band or join for the first time must put in practice time with the instructor and demonstrate commitment to learning an instrument prior to enrollment.

Percussion Ensemble is a year-long partner class with the concert band, but only for percussionists. Students in this class are still a part of the concert band, but this is the class they register for.

This course helps students perform a variety of musical styles (e.g., traditional chamber music, jazz). At the same time, this course helps cultivate students' technique on instruments appropriate to the style(s) performed— percussion instruments. Course typically ranges in size from 2 to 20 performers. This class includes participation in the Marching Band during the fall semester. Marching Band is a requirement of this class and cannot be bypassed. This is a performing ensemble and as such, students will perform in two concerts a year (winter and spring) and other performances including festivals and pep band. Students will be required to purchase some equipment related to this class including, but not limited to: marching shoes, marching gloves, sticks, mallets, etc. Scholarships are available for students who need financial assistance in purchasing equipment for this course.

JAZZ BAND

Prerequisite: Prior instrumental music experience.

This course helps students perform a variety of contemporary styles, such as traditional jazz, and jazz improvisation. At the same time, this course cultivates students' technique on instruments appropriate to the style(s) performed—brass, woodwind, string, percussion instruments, and/or electronic. Advanced coursework provides students with opportunities for growth through rehearsal and performance, improvisation, or creating and performing their own compositions. This is a performing ensemble and as such, students will perform in two concerts a year (winter and spring) and other performances, possibly including jazz festivals.

GUITAR I NEW COURSE DEPENDING UPON ENROLLMENT NUMBERS

Course is designed to help students develop basic techniques on guitar including strum patterns, basic chords, melodies in first position, and major scales. Students will apply these fundamental techniques and musicianship to ensemble playing.

GUITAR II NEW COURSE DEPENDING UPON ENROLLMENT NUMBERS

Course is designed as a continuation of Guitar I for students passing with a B or better. Students will apply advancing techniques (such as barre chords, moveable chords, notes beyond first position, major/minor/blues scales, etc.) into individual and ensemble playing.

MUSIC APPRECIATION

***Open to all students regardless of musical background. May only be taken once in all 4 years.**

Music Appreciation courses survey different musical styles and periods with the intent of increasing students' understanding of music and its importance in relation to the human experience. Music Appreciation courses may focus on how various styles of music apply musical elements to create an expressive or aesthetic impact. Students also have the opportunity for informal musical performances and creation within the classroom.

ROCK AND ROLL STUDIES

***Open to all students regardless of musical background. May only be taken once in all 4 years.**

The Rock and Roll Studies course surveys the history of rock and roll with the intent of increasing students' understanding of music and its importance in relation to the human experience. Prominent players and groups of each era will be covered, as well as sociological, economic, and cultural factors that shaped the many styles of rock music. Classroom activities will include listening, performing, analyzing, writing, class discussions, research, and presentations.

LANGUAGE ARTS

The course offerings in the Language Arts program have been structured to encompass and emphasize reading, written and oral communication, as well as reinforcing the importance of vocabulary building, formal register, and grammatical accuracy.

***IN ALL CASES, STUDENTS MUST SUCCESSFULLY COMPLETE THE COURSE REQUIREMENTS OF EACH GRADE LEVEL.**

ENGLISH/LANGUAGE ARTS 9

English/Language Arts 9 courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

ENGLISH/LANGUAGE ARTS 10

English/Language Arts 10 courses offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students improve their reading and comprehension, develop the skills to determine the author's intent and theme, and learn to recognize the techniques used by the author to deliver his or her message.

ENGLISH/LANGUAGE ARTS 11

English/Language Arts 11 courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses.

ENGLISH/LANGUAGE ARTS 12

English/Language Arts 12 courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

WWCC ENGLISH 1010 & 1020 Dual enrollment courses are semester-long and follow the syllabus of WWCC for ENGL 1010, 1020, or other courses as needed. Students will receive both WWCC college credit and an equivalent RHS English credit.

Students must have a score of 18 on the ACT ENGLISH assessment to enroll in these courses. Students will have to score a C or better to receive college credit for this course. ***These courses are available through Western Wyoming Community College only. Students register for this course with the school counselor and Mrs. Moore at CCHEC. Students are registered for one class period at CCHEC to complete the coursework for this class during the school day**

FOREIGN LANGUAGE

The study of a foreign language is open to all students, but it is strongly recommended that a student have a C average in English before undertaking a foreign language. Spanish 2 can be taken by any student who has completed a year long course of Spanish 1. ALL other students are welcome to start with Spanish 1. Two years of the same foreign language is recommended and required by many colleges and universities.

SPANISH I

Designed to introduce students to the Spanish language and culture, Spanish I courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on a variety of topics. They introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

SPANISH II

Prerequisite: Spanish I

Spanish II courses build upon skills developed in Spanish I, preparing students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information on concrete topics. Spanish II courses introduce the relationships among the products, practices, and perspectives of Spanish-speaking cultures.

SPANISH III

Prerequisites: Spanish I and Spanish II

Spanish III courses prepare students to communicate authentically in Spanish by interpreting (reading, listening, viewing), exchanging (speaking and listening; reading and writing), and presenting (speaking, writing) information, concepts, and ideas on a variety of topics, including connections to other subject areas. These courses expand students' knowledge of relationships among the products, practices, and perspectives of Spanish-speaking countries and cultures.

****Students whose first language is Spanish and who are fluent in speaking, writing, listening, and reading may take a proficiency exam. If a student passes this exam, they will receive 4 high school Foreign Language credits for Hathaway Credit Only, not high school credit towards graduation requirements.**

MATHEMATICS

Correct placement of freshmen students is an important factor in a student's success in mathematics classes. Teacher recommendations will provide the information necessary for placement of students.

The exact placement of freshman math students will be based on a data based screening process, which includes, but is not limited to, student classroom success, teacher recommendation from middle school instructors, and standardized assessment data.

Most high school mathematics classes are sequential, and for that reason students must meet the standards for a given class. Consequently, students may have to repeat a class prior to going to the next level class. To increase the student's chance for success at a higher level, math classes may be repeated, however, credit will be given only once for a repeated

course. For example, if Algebra I is repeated, credit will be given for the semester that the student has earned the highest grade. Math teachers and counselors will help in the placement of students.

ALGEBRA I

This is a year-long course. The Algebra I course includes the study of properties and operations of the real number system, evaluating rational algebraic expressions, solving and graphing first-degree equations and inequalities, translating word problems into equations and solving systems of equations, operations with and factoring of polynomials, solving quadratic equations, and modeling linear data.

GEOMETRY

Prerequisite: Must have passed Algebra I

This is a year-long course. This course includes topics such as properties of plane and solid figures, including volume and surface area; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles, quadrilaterals, vertical angles, lines intersected by a transversal.

ALGEBRA II

Prerequisite: Must have passed Geometry.

This is a year-long course. The Algebra II course topics include developing an understanding of the relationships between the symbolic, graphic, tabular and verbal representations of functions; utilizing the various representations to interpret function behavior and solve equations; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; exponential functions; inverse functions; modeling linear and quadratic data.

PRE-CALCULUS

Prerequisite: Must have passed Algebra II.

This is a year-long course. In the Pre-Calculus course, students will address topics that include the study of complex numbers; polynomial, logarithmic, operations with rational exponents; exponential, rational, trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; matrix algebra; sequences and series; modeling linear, quadratic, exponential, and trigonometric data; and limits and continuity.

CALCULUS

Prerequisite: Must have passed Pre-Calculus with a C or better.

This is a year-long course. The Calculus course includes the study of limits, derivatives, application of derivatives, integration, the definite and indefinite integral, and applications of calculus.

AP Calculus AB

Prerequisite: Must have passed Pre-Calculus with a B or better, have a teacher recommendation for this course, and an ACT math score of 25 or higher.

This is a year-long course. Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: functions, graphs, limits, and continuity; differential calculus (including definition, application, and computation of the derivative; derivative at a point; derivative as a function; and second derivatives); and integral calculus (including definite integrals and antidifferentiation).

CONSUMER MATH

Prerequisite: Only open to 12th grade students who have successfully completed Algebra I, Geometry, and Algebra II.

Consumer Mathematics courses reinforce general mathematics topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. While these courses prepare students for a variety of practical applications, they are not intended to serve as remedial mathematics courses. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

PHYSICAL EDUCATION

***Health & Physical Education I, are required for graduation.**

PHYSICAL EDUCATION I

This course is offered both semesters.

***Students are required to take this course in their freshman year to meet graduation requirements.**

Physical Education provides students with knowledge, experience, and an opportunity to develop skills in a variety of sports or activities (for example, team sports, individual/dual sports, recreational sports, and fitness/conditioning activities).

HEALTH

This course is offered both semesters.

*****Students are required to take this course in their freshman year and to meet graduation requirements.**

This course focuses on personal health (for example, nutrition, mental health and stress management, drug/alcohol abuse prevention, injury and disease prevention, and first aid) and consumer health issues.

LIFETIME SPORTS/FITNESS

This course is offered both semesters. Open to all students.

****Students cannot take this course twice in the same year.**

This course provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities).

TEAM SPORTS

This course is offered both semesters. Open to all students.

****Students cannot take this course twice in the same year.**

Team Sports courses provide students the knowledge, experience, and opportunity to develop skills in more than one team sport (such as volleyball, basketball, soccer, etc.).

SPORTS MEDICINE (PHYSICAL THERAPY)

This course is only offered to 11th and 12th Grade Students.

Physical Therapy courses provide students with the knowledge and skills necessary to work with patients who need to achieve and maintain functional rehabilitation and to prevent malfunction or deformity. Topics covered typically include therapeutic exercises and activities (such as stretching and strengthening), how to train patients to perform the activities of daily living, the use of special equipment, and evaluation of patient progress.

WEIGHT TRAINING 101F (Females Only)

This course is offered both semesters. Open to all female students and may be taken all eight semesters of high school.

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning. This course may include other learning components such as anatomy and conditioning.

WEIGHT TRAINING 101M (Males Only)
This course is offered both semesters. Open to all male students and may be taken all eight semesters of high school.
Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning. This course may include other learning components such as anatomy and conditioning.

SCIENCE

***These courses meet Next Generation Standards for Science and ACT Readiness Benchmark Standards.**

PHYSICAL SCIENCE
Year long course required for all 9th grade students.
Physical Science courses involve study of the structures and states of matter. Typically (but not always) offered as introductory survey courses, they may include such topics as forms of energy, wave phenomenon, electromagnetism, and physical and chemical interactions.

BIOLOGY
Year long course required for all 10th grade students.
Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

ANATOMY AND PHYSIOLOGY
Year long course open to 11th and 12th grade students who have successfully completed 2 years of science and received a "B" or better in Biology. Usually taken after a comprehensive initial study of biology, Anatomy and Physiology courses present the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

BIOMEDICAL SCIENCE
Year long course open to 11th and 12th grade students who have successfully completed two years of science.
Biomedical Science courses focus on a case study in which students investigate the cause of death of a fictional person. Students conduct research, in which they examine autopsy reports, review medical history, and study human physiology, biology, and medicine to diagnose and recommend treatments that could have been applied.* *This course meets the requirements of WWCC HLTK 1200 - Medical Terminology for concurrent credit enrollment.*

EARTH & SPACE SCIENCE
Year long course open to 11th and 12th grade students who have successfully completed two years of science.
Earth and Space Science courses introduce students to the study of the earth from a local and global perspective. In these courses, students typically learn about astronomy, physical geology, atmosphere, weather, climate, matter, and energy transfer. Advanced topics often include the study of the use of remote sensing, computer visualization, and computer modeling to enable earth scientists to understand earth as a complex and changing planet.

CHEMISTRY

Year long course open to 11th and 12th grade students who have successfully completed two years of science and Algebra I with a C or better.

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gasses; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied

PHYSICS/ AP PHYSICS:

Prerequisites: C or better in Physical Science and Biology. This is a year-long course open to 11th and 12th grade students who have successfully completed two years of science and have completed Algebra II with a C or better. Designed by the College Board to parallel first-semester college-level courses in algebra-based physics, AP Physics I courses focus on Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory circuits. This course may also include college-level laboratory investigations.

ADVANCED PLACEMENT BIOLOGY: DEPENDING UPON ENROLLMENT NUMBERS

Prerequisites: C or better in Physical Science and Biology

Adhering to the curricula recommended by the College Board and designed to parallel college-level introductory biology courses, AP Biology courses emphasize four general concepts: evolution; cellular processes (energy and communication); genetics and information transfer; and interactions of biological systems. For each concept, these courses emphasize the development of scientific inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. AP Biology courses include college-level laboratory investigations.

ADVANCED PLACEMENT CHEMISTRY (CHEMISTRY): DEPENDING UPON ENROLLMENT NUMBERS

Prerequisites: C or better in Physical Science and Biology

Following the curricula recommended by the College Board, AP Chemistry courses follow high school chemistry and second-year algebra. Concepts covered may include the structure of matter; bonding of intermolecular forces; chemical reactions; kinetics; thermodynamics; and chemical equilibrium. For each concept, these courses emphasize the development of scientific inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. AP Chemistry courses include college-level laboratory investigation.

SOCIAL STUDIES

***Students are required to take 3 years (6 credits of Social Studies) to meet the minimum graduation requirements. 9th grade students can opt in to take Social Studies their freshman year if they meet the requirements.**

AMERICAN HISTORY

*Year long course. Required course for 10th grade students. (Can be taken as a Freshman with a Proficient WYTOPP Score in ELA in the Spring semester of 8th grade.)

This is the first course in the social studies requirements to be taken. This course follows a chronological review of the history of the American People from 1865-present day. It will concentrate on those political, social, military, scientific, and economic trends that have helped shape our present-day society. The Hathaway Scholarship and RHS graduation guidelines require a full year of American History.

WORLD HISTORY

Prerequisite: American History. Year long course. Required course for 11th grade students. (Can be taken as a Sophomore with a Proficient WYTOPP Score in ELA in the Spring semester of 9th grade.)

This is a year-long class to be taken after the completion of American History. World History introduces cultural changes man has gone through by focusing on the history of the modern world beginning with the Enlightenment period through the present. Emphasis is placed on social, cultural and economic history as well as political history. Geography is embedded in the course to review the developments of cultures and countries across the world. We will discuss geographic concepts and the inter-relationship of these factors that make our world the one we know today. The Hathaway Scholarship and RHS graduation guidelines require a full year of a World History course.

AMERICAN GOVERNMENT

Prerequisite: Successful completion of American and World History, Juniors and Seniors Only.

One semester course offered both semesters for 11th and 12th grade students only. RHS graduation guidelines and the Hathaway Scholarship both require a semester of American Government. The course American Government is designed to help students achieve a basic understanding of the government of the United States and the rights and responsibilities of American citizenship. This includes an examination of the structure and functions of state and local governments. This course encourages student interest and participation in the American political system. Most importantly, the students will be provided the skills to become concerned and involved citizens who are able to make informed choices about the world in which they live.

ECONOMICS

Prerequisite: **Successful completion of American and World History, Juniors and Seniors Only.**

**This will be a required course for graduation beginning with the Class of 2023.

One semester course offered both semesters. Open to students in 11th or 12th grade. This course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. This course also covers topics such as the principles of macroeconomics, international economics, and comparative economics.The course relates history and politics to the study of economics.

CAREER & TECHNICAL EDUCATION

STEM

COMPUTER SCIENCE ESSENTIALS

This semester-long course is open to students in 9-12 grade. This PLTW course introduces students to computational thinking concepts, fundamentals, and tools. Students will increase their understanding of programming languages through the use of visual and text-based programming. Projects will include the creation of apps and websites to address real-life topics and problems. Additional units might include: 3D Design and Printing, Legos, Robotics and Drones, and Virtual Reality. Students will be exploring a variety of websites and programs (formerly Intro to Computer Science).

COMPUTER SCIENCE PRINCIPLES

This is a semester-long PLTW course is designed to help students develop computational thinking and introduce students to possible career paths involving computing. These courses help students build programming expertise and familiarity with the Internet using multiple platforms and programming languages. Course content may include application development, visualization of data, cybersecurity, and simulation. Additional units might include game design, movies and animation, podcasting and music, artificial intelligence, data and information, and independent projects that interest the student (formerly Advanced Computer Science).

CYBER SECURITY

This semester-long PLTW Cyber Security course introduces students to the tools and concepts of cybersecurity. In this course, students are encouraged to understand vulnerabilities in computational resources and to create solutions that allow people to share computing resources while retaining privacy. These courses also introduce students to issues related to ethical computing behavior. Students can also select an independent unit to work on for their final project.

ENGINEERING ESSENTIALS

This semester-long PLTW course focuses on introducing students to engineering-related career opportunities and projects. Students learn about engineers and how their work is used to solve real-world problems. Topics include the engineering design process, machines and mechanical systems, energy forms, and the application of geographic information systems and modeling software. Additional lessons include exposure to various types of engineering and careers, STEM hands-on projects, and team building activities.

INTRODUCTION TO ENGINEERING DESIGN

Prerequisite: Engineering Essentials

This PLTW course is a semester long. This course provides an opportunity for students to become involved in hands-on projects that require mathematics, science, and engineering applications. In this course, students review real-world problems, document work in an engineering notebook using the design plan and sketching, and use advanced 3D modeling software to create parts. In addition, students will learn about the different types of engineering and participate in smaller projects that align with those areas. The projects are hands-on and individualized formerly Engineering Design & Development).

FAMILY AND CONSUMER SCIENCE:

INTRO TO FOODS

***Required entry level course for both the Foods Career Pathway.**

This is a one semester course. In this course, Introduction to Foods will introduce the students to the history of cooking, famous chefs from the start of cooking, food and kitchen safety, foodborne illnesses safety, kitchen equipment, and end with soups, stews, and stocks. Demonstrations, hands-on food labs, guided instruction, and cooperative learning skills are necessary in this course.

HOSPITALITY AND TOURISM:

***Required entry level course for Hospitality Career Pathway**

This is a one semester course. This class will be an entire history of hospitality through the ages and current hospitality and tourism. This class will focus on projects and research about careers and travel. We will also use the Guest Service Gold training from the American Hotel and Lodging Educational Institute. This training will help these students have a better understanding of customer service. We all know customer service is essential in all aspects of the “real world”.

HOSPITALITY MANAGEMENT :

Prerequisite - Hospitality And Tourism and Intro To Careers

This will be a culmination of the first two courses. This class will focus more on hospitality management in the real world. We will also use the Guest Service Gold training from the American Hotel and Lodging Educational Institute. This class students will take a Guest Service Gold test and if they pass will leave with a certification in customer service. This can help students get into a hospitality program in a college or can be used to get a better entry level hospitality job.

PROFESSIONAL FOODS MANAGEMENT I:

Prerequisite: Intro to Foods

This class will pick up where the Introduction to Foods left off. We will continue to work our way through the ProStart series Book 1 and start Book 2 by the end of the semester. We will cover everything from basic management skills to building a career in foods or hospitality. This class will focus more on the technical aspects of kitchens. We will cook more in this class depending on time and focus of the ProStart series curriculum work.

PROFESSIONAL FOODS MANAGEMENT II:

Prerequisite:Professional Foods I

This class will be the culmination of the first two. We will finish with book 2 from the ProStart series. This class will focus more on the delicate things a chef would need to know and a manager of a food establishment would need to know. There will be some teaching and some cross learning going on in this class. At the end of this class students who successfully finish the course and pass the test will leave with a ProStart certification. This can be used to get into a culinary school or to show a future employer.

BUSINESS

ACCOUNTING

*All Accounting courses offered are year-long classes and must be taken at the beginning of the school year, during the fall semester.

ACCOUNTING I

This manual accounting course provides the student with an understanding of basic accounting principles and the procedures used to record, classify, and summarize financial data. Students will work with the accounting cycle (and topics such as; accounts payable, accounts receivable, banking functions, payroll, etc.) for both sole proprietorship and partnership form of business

ACCOUNTING II

Students will increase their accounting skills by working with an accounting cycle for a corporation including such topics as; uncollectible accounts, notes payable, notes receivable, depreciation, and merchandise inventory. Students will be exposed to computerized accounting for partnerships and corporations and work with comparative statements and statements of cash flow.

ACCOUNTING III & IV

*With instructor approval only.

Students will increase their accounting skills by working with an accounting cycle for a corporation and management accounting including such topics as; acquiring additional capital; budgetary planning and control; profit analysis; cost accounting for a manufacturing business; and accounting for a not-for-profit organization. Students will continue to be exposed to computerized accounting.

BUSINESS GRAPHIC DESIGN I

Grade Open to: 9-12

Do you want to own your own business someday? Discover desktop publishing and multimedia in this project-based course. Become familiar with the fundamentals of desktop publishing by learning to create your own business cards, letterhead, newsletters, and other promotional materials needed for owning your own business.

BUSINESS GRAPHIC DESIGN II

Students will continue to develop skills related to graphic design. Students will focus on learning specific areas of Adobe Suite, including Photoshop, Illustrator, InDesign, Premiere Pro, Dreamweaver and other Adobe content.

CAREER EXPLORATIONS/JOB SHADOWING

Grade Open to: 12th only

Any senior who is on track towards graduation may participate in Career Explorations for 1 or 2 periods of the school day depending on scheduling. Students will job shadow at a local business. Students are expected to attend and participate daily at the job site, submit weekly timesheets and be held accountable for all aspects related to being employed. Students must be in good standing academically at Rawlins High School..

INTRO TO BUSINESS

Grade Open to: 9-12

Introduction to Business is a course designed to welcome a student into the world of business. Topics such as exploring the world of business and economics, being ethical and socially responsible, business ownership such as small business, entrepreneurship or franchises, human resources, marketing and information, accounting and finance. Basic Microsoft Office skills will be taught along with a refresher on keyboarding skills.

INTRO TO CAREERS

Grade Open to: 9-12

This program is designed to provide students with an awareness and understanding of basic career skills. Employers are looking for qualities such as a positive attitude, teamwork, ability, good communication skills, leadership skills, and good work ethics and habits. It will help them feel confident, informed, connected and prepared. It will assist students in connecting their current interests, strengths, and experiences to their future life requirements, expectations, and successes.

SENIOR SUCCESS

Grade Open to: 12th

This course is designed to help graduating seniors prepare for life after high school in order to be successful in whatever they pursue. It will assist students in connecting their current interests, strengths, and experiences to their future life requirements, expectations, and successes. Students will create a resume, cover letter, and write an essay to use for scholarships. They will apply to colleges, request transcripts, fill out a FAFSA form. Fill out job applications and how to answer interview questions. Learn how to make smart financial decisions at work.

WELDING TRADES

WELDING I:

This course is open to all students. This is a semester-long course, offered both fall and spring semesters.

This course is an introduction to welding and cutting processes. Students will be exposed to Gas Metal Arc Welding (GMAW) and Shielded Metal Arc Welding (SMAW). The course will combine lecture and lab time. Lecture topics will include safety, process specific information, welding theory and terminology, introduction to metallurgy, and applied math and science. **This course meets the requirements of WWCC WELD 1725 - Oxyacetylene Cutting for concurrent credit enrollment.*

WELDING II:

This course will be a continuation of the skills learned in Welding I. Students will learn to weld with Gas Metal Arc Welding (GMAW), Flux Cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW). Students will also learn to cut and bevel plates with Oxy-Fuel Cutting (OFC) and Plasma Arc Cutting (PAC). Course work will also cover welding joint design, process specific information, welding symbols, metallurgy, and applied math and science. **This course meets the requirements of WWCC WELD 1755 - Shielded Metal Arc Welding for concurrent credit enrollment.*

WELDING III:

This course will be a continuation of the skills learned in Welding II. Students will use the processes learned in Welding II to weld plates to American Welding Society standards. Students will learn to cut and prep plates with both open roots and a backing plate. Course work will include advanced metallurgy, and blueprint reading. **This course meets the requirements of*

*WWCC WELD 1760 - Advanced Shielded Metal Arc Welding for concurrent credit enrollment. *Students may earn their OSHA-10 General Industry certification in this course.*

WELDING IV:
Prerequisite: Completion of Welding III & OSHA-10 General Industry final test
Students will build upon skills from Welding III. This class is considered a senior capstone and thus will have very high expectations. Students will be doing many of the same welds taught in Welding 3; however, a higher proficiency level will be required. Students will be exposed to non-destructive testing & dye penetrant, visual inspection. If time and instructional budget allow, students will learn the principles of welding stainless steel. Coursework includes advanced metallurgy, fabrication and blueprint reading, heat effects and heat treating of metals, and destructive and non- destructive testing methods. **This course meets the requirements of WWCC WELD 1840 - Groove Welding Plate for concurrent credit enrollment.*

WELDING FABRICATION:
This course is open to any Welding III or IV student, with instructor approval.
Students will be exposed to a deeper level of understanding regarding welding fabrication, dimensional tolerances, and specialty fabrication tools. Other welding courses are designed to improve a student's individual skills, but Welding Fabrication emphasizes workflow, teamwork, and problem solving in the shop setting. Students may work on individual projects with instructor permission.

AUTOMOTIVE TRADES

**Students will have the opportunity to earn a Student-based Automotive Service Excellence (ASE) certification with each automotive course except for Auto Maintenance Basics.*

AUTO MAINTENANCE BASICS:
This course is open to all students. This is a semester-long course, offered both fall and spring semesters.
This course focuses on automotive maintenance, preventative maintenance and repair(s). Also included is the explanation of automobile terminology and parts. Students will learn about the tools of the trade along with operating lifting equipment (hydraulic lifts and floor jacks) typically found in a shop. As time allows, students will be introduced to brakes, tires, and steering/suspension. **This course meets the requirements of WWCC AUTO 1580 - Basic Auto Maintenance for concurrent credit enrollment.*

ELECTRICAL/ELECTRONIC SYSTEMS:
Prerequisite: Auto Maintenance
This is a semester-long course, offered both fall and spring semesters.
This electrical course will describe how electricity works, starting and charging systems along with learning about voltage, current (amperage) and ohms of resistance. Students will be trained on series and parallel circuits, wiring diagrams, and diagnosing electrical problems using Ohm's Law. This course also focuses on the principles of refrigeration, the basic function and construction of each major part of a typical heating and air conditioning system. The student will be trained on evacuation and charging of an air conditioning system. Additionally, the student will be trained on diagnosing heating problems and blower motors. **This course meets the requirements of WWCC AUTO 1765 - Automotive Electrical Systems for concurrent credit enrollment.*

ENGINE REPAIR:
Prerequisite: Auto Maintenance
The is a two-period block class, one-semester long.
This course focuses on identifying the major parts of a typical automotive engine and describing the four-stroke cycle. Students will have the opportunity to disassemble an engine, measure all of the critical parts of the engine with PMI (precision measuring instruments) and then reassemble the engine. In addition, the student will be taught on diagnosis of

engine related problems. **This course meets the requirements of WWCC AUTO 1700 - Engine Fundamentals for concurrent credit enrollment.*

DRIVETRAIN AND TRANSMISSIONS:
Prerequisite: Auto Maintenance
This is a semester-long course.
In this course, the student will be trained on how to service automatic and manual transmissions, the diagnosis and service of a clutch and its mechanical and hydraulic components. Drive shafts, axles and differentials are also a part of this training.

BRAKES & STEERING/SUSPENSION
Prerequisite: Auto Maintenance
This is a semester-long course.
In this course, students will be trained on the hydraulic and mechanical principles of the braking system. Power brakes and master cylinders will be covered, disc and drum brakes will be explained along with the student learning how to use a brake lathe. ABS (anti-lock brake system), traction control, and stability control will also be discussed. The suspension and steering portion of this course offers the student information concerning tires, wheels (steel and alloy) and will have the opportunity to mount and balance the wheel and tire assembly. All the major parts of the suspension and steering system will be covered along with discussions on wheel alignment. **This course meets the requirements of WWCC AUTO 1740 - Brake Systems for concurrent credit enrollment.*

ENGINE PERFORMANCE:
Prerequisites: Auto Maintenance, Electrical/Electronic Systems, & Engine Repair
This is a semester-long course.
This section will cover the drivability of vehicles. Specific topics include ignition and fuel system(s), lectures on the vehicle's computer system and all of the sensors and actuators involved. Students will be able to diagnose a "check engine" light with a scan tool and will be trained on troubleshooting procedures. Additionally, emissions will be explained along with students performing tune-ups in class.

WOODS TRADES

WOODWORKING BASICS
This is a one semester long course open to all students, offered in the fall and spring semesters.
This course will provide students with a foundation to develop the student's skills of wood working concepts. Students will become familiar with the design, process flow, tools, equipment, typical joints and joinery procedures. Wood species identification and wood panel products are studied and learned. Students will be able to participate in the planning, designing, and construction of various shop projects contingent upon passing a basic safety test and becoming certified on the use of the shop tools and equipment.

WOODWORKING II
Prerequisite: Completion and passing of Woodworking Basics. One semester, offered both in the fall and spring semesters.
This is a one semester course. This course is a continuation of Woodworking Basics, focused on student projects, while working as a team. Students will design and build their own projects.

WOODWORKING III
Prerequisite: Completion and passing of Woodworking II.
This course, offered both in the fall and spring semesters.
This is a one semester course. This course is a continuation of Woodworking Basics, focused on student projects, while working as a team. Students will design and build their own projects. ***Students can earn their OSHA-10 Construction certification in this course.*

ADVANCED WOODWORKING

Prerequisite: Completion and passing of Woodworking III.

This course is offered both in the fall and spring semesters.

This is a one semester course and is a continuation from Woodworking III, emphasizing wood design and manufacturing.

CONSTRUCTION CERTIFICATION I

Prerequisite: Completion and passing of Woodworking Basics.

This course is a two-period block class, one semester, offered both in the fall and spring semesters.

Home improvement will be emphasized in this broad-based course which will give the student a basic knowledge of the construction industry, how-to home maintenance, safety practices and hands-on training with most hand and power tools. **This course meets the requirements of WWCC CNTK 1700 - Introduction to Construction for concurrent credit enrollment.*

CONSTRUCTION CERTIFICATION II

Prerequisites: Completion and passing of Woodworking Basics and completion of Construction Certification I.

This course is a two-period block class, one semester, offered both in the fall and spring semesters.

This course will give the student a basic knowledge of carpentry. Typically, the material will relate to residential construction, but commercial and industrial applications will also be covered. Hands-on experience will be gained from lab work, projects, and occasional job-site visits. **This course meets the requirements of WWCC CNTK 1905 - Carpentry for concurrent credit enrollment. **Students can earn their OSHA-10 Construction certification in this course.*

HEALTH SCIENCES

HEALTH VOCATIONS I & II (CNA)

Pre-requisites: The CNA program is open to 11th and 12th grade students only. Students must be 16 years of age prior to the end of the semester to enroll. This course is a two-period block class, one semester, offered both in the fall and spring semesters.

This course prepares a person to work as a Nursing Assistant. The course presents basic nursing assistant principles and skills with an emphasis on care of the elderly client. Opportunities are provided for practice and demonstration of skills in the laboratory related to client care. Students will participate in clinical experience at health care agencies. As a CNA, you will be exposed to many health care scenarios and various members of the healthcare team. CNA's are readily employable in nursing homes, home health care agencies, assisted living facilities, hospitals, doctor's offices, medical clinics and urgent care centers.

Students must pass with a C (75%) or better for both classroom and clinical experiences. Successful students will be eligible to take the State Competency Exam to become a Certified Nursing Assistant. This is optional; however, it is a great way to see if the medical field is your passion. A grade will be earned for high school credit even if the student does not choose to become certified. Students will become CPR/First Aid/AED certified in the class prior to participating in clinical experiences. Taking this CNA course will provide students with points to apply to college nursing programs. **This course meets the requirements of WWCC NRST 1510 & 1511- Nurse Assistant & Nurse Assistant Lab for dual credit enrollment.*

LEARNING RESOURCES

Courses in this department are designed for students with specific learning difficulties. These are not gatekeeper courses and do not meet the requirements for standards for graduation. Students are only registered for these courses by teacher/counselor approval.

ACADEMIC LAB

This course is designed to give support and assistance to students to help them meet specific academic requirements in their content area classes. Students will have opportunities to practice and improve study skills, reading, writing, and math abilities to meet their education goals.

ESL/ESL Lab

This course is designed to give support and assistance to students who are English Language Learners. Students will have opportunities to practice and improve study skills, reading, writing, and math abilities to meet their individual education goals.

WORK STUDY

This class is designed for the student to gain work experience. Weekly journals and assignments will be required. The student will need approval by the work study teacher and job coach before enrolling in this class.

APPLIED TRANSITIONS

Applied Transitions emphasizes processing skills, including goal-setting, decision making, and other topics such as the setting of priorities, renting and buying homes, money, budgeting, and time management, applying for jobs, interpersonal relationships, communication skills, and the development of the self. Additionally, specific topics such as wellness, meeting transportation needs, nutrition, preparing and baking food, selecting clothing and building a seasonal wardrobe, and insurance and taxation. In-class instruction, hands-on activities, and field trips will provide a wide range of learning opportunities for students.

READING INTERVENTION

***Enrollment/placement in this course is based upon the student's assessment scores & teacher recommendations.**

Reading Intervention offers students the opportunity to focus on their reading skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' reading comprehension up to proficient level or to develop strategies to read more efficiently. The program directly incorporates adaptive and instructional software, high-interest reading, and direct instruction of fluency, phonemic awareness, annotations, context clues, vocabulary, conventions, and developing additional writing skills.

APPLIED READING

Applied Reading offers diagnostic and remedial activities designed to develop strategies to help students read more efficiently. Course content and activities are chosen to increase and improve students' reading comprehension, reading technique, and general literacy skills. Content is age appropriate and derived from state extended standards.

APPLIED WRITING

Applied Writing focuses on writing skills and emphasizes on recognition and creation of various types of text, extension of vocabulary and writing skills including spelling and grammar, and the connection of language to the expression of ideas. Content is age appropriate and derived from state extended standards.

MATH INTERVENTION

***Enrollment/placement in this course is based upon the student's assessment scores & teacher recommendations.**

Math Intervention offers students the opportunity to focus on various foundational Pre-Algebra, Basic Algebra, and Basic Math Concepts to develop and improve their mathematical skill set. This class targets students' deficiencies in math concepts and is designed to progress through basic forms of these concepts to a progressively more complex caliber. The purpose is to target the disconnect or difficulties in working and understanding these foundational concepts to help students practice and hone these skills more efficiently to ultimately progress to proficiency. The program incorporates solving equations consisting of multi-step problems, linear equations, rational numbers, solving equations, solution interpretations, and applied mathematics to real-world scenarios.

APPLIED MATH

Applied Math introduces, teaches, reinforces and builds on numerous different foundational skills and concepts related to mathematics. Content is age appropriate and derived from state extended standards.

ADDITIONAL ELECTIVES

YEARBOOK/ Digital Photography

**Work outside of normal classroom hours is a mandatory expectation throughout the course.

This is a year-long course. Yearbook will focus on the planning, creation, selling, financing, and distribution of the Rawlins Outlaw Yearbook. The finished product will be completely student-generated. The fundamentals of yearbook journalism include coverage of the year's events, ethics, writing story copy, writing captions, creating sidebars, and photojournalism. Yearbook design includes creating aesthetically pleasing layouts, enhancing graphics, and effectively using color. Integral to yearbook journalism is developing and carrying out a theme, both verbally and graphically, that embodies Rawlins High School.

***NONDISCRIMINATION STATEMENT**

"Carbon County School District One does not discriminate based on race, color, national origin, sex, disability, political affiliation, religion, or belief in relation to admission, treatment of students, access to programs and activities, or terms and conditions of employment. Inquiries concerning Title VI, Title IX, Section 504 of the Rehabilitation Act of 1973 or ADA may be referred to the Civil Rights/504/ADA Coordinator, Carbon County School District One, P.O. Box 160, Rawlins, Wyoming 82301, (307) 328-9200; the Wyoming Department of Education, Office for Civil Rights Coordinator, 2nd Floor, Hathaway Building, Cheyenne, Wyoming 82002-0050, (307) 777-6198; or the Office for Civil Rights, Regional VIII. U.S. Department of Education, Federal Office Building, Suite 310, 1244 Speer Blvd., Denver, Colorado 80204-3582. (303) 844-5695, TDD (303) 844-3417.

***SEXUAL HARASSMENT**

It is the intent of Carbon County School District One to maintain a learning environment that is free from discrimination, including sexual harassment (File JBAA). Harassment based on sex is unlawful; the district prohibits all vendors, sales representatives or visitors, employees and students from sexually harassing Carbon County School District One students in the school environment. A student, male or female, who believes he or she has been subjected to sexual harassment, shall immediately report the alleged acts or conduct to any teacher, the school counselor, or the principal. The complaint will then be referred to the Superintendent who shall immediately investigate the matter. For more information, a copy of the District policy is available at the school office.