

Preston High School



2022-2023

Registration
Handbook

TABLE OF CONTENTS

Idaho High School Graduation Requirements.....	3
Suggested Timeline to Complete Core Required Courses.....	3
PHS Class Change Policy.....	4
PHS Attendance Policy.....	4
Credit Earned and Credit Makeup.....	4
Summer School Remediation.....	4
Idaho Proficiency Exams.....	4
Civics Exam.....	5
College Entrance Exams (ACT, SAT).....	5
Schedule Requirements.....	5
University and College Admission Requirements.....	5
Online Independent Study Options.....	5
Concurrent Courses.....	6
Advanced Opportunities.....	6
Southeastern Idaho Technical Charter School (SEITec).....	6
NCAA Eligibility.....	7
PHS Master Course List.....	8
Course Descriptions.....	10
Art.....	10
English.....	11
Foreign Languages.....	13
Math.....	13
Miscellaneous.....	15
Music.....	16
Physical Education/Weights/Conditioning.....	17
Career/Technical Education.....	17
Agriculture.....	17
Automotive Technology.....	20
Business Marketing and Computer Technology.....	20
Cabinet Making.....	22
Electronics.....	23
Family and Consumer Sciences.....	24
Health & Health Professions.....	25
Science.....	27
Social Studies.....	28
Special Services-Assisted Studies.....	29

IDAHO HIGH SCHOOL GRADUATION REQUIREMENTS

The Idaho State Board of Education sets the minimum requirements for all students who graduate from accredited Idaho high schools. Preston School District has added to the state requirements. See PHS graduation requirements below:

<u>Core Subject Areas</u>	<u>Credits</u>
English (including 1 credit of Speech or FFA Leadership)	9
Mathematics ¹	6
Science (4 credits must be a laboratory-based science ²)	6
Humanities ³	1
U.S. History (20th Century)	2
American Government	2
World History	1
Economics or Ag. Business and Economics ⁴	1
Health	1
Computer Technology	1
Senior Project ⁵	1
Core Credits Required Total:	31
Electives Credits Required:	16
Total Credits Required:	47

Notes:

1. Math credits must include two credits of Algebra I or equivalent, two credits of Geometry or equivalent, and two math credits of the student's choice. Two of the required six credits of Math must be taken during the senior year of high school. The senior year of high school shall include the summer preceding the fall start of classes.
2. Lab Sciences include Biology, Chemistry I & II, Zoology, Anatomy and Physiology. Ag. Lab Sciences (**Not NCAA approved**) include Animal Science, Advanced Greenhouse, Wildlife Management, Ag. Nutrition and Food Science, Veterinary Science, Electronics.
3. Humanities credits offered at PHS include – Holocaust Literature, Mythology, World History 1 & 2, Current Events, Choir, Symphony, Band, Art, Foreign Languages, Art in Film, Psychology, Drama.
4. Agricultural Business Economics **does not qualify for NCAA certification**.
5. Senior Project is a stand-alone credit typically beginning during the second semester of the junior year, but credit is not given until all parts of the project are completed including the senior project presentation. See PHS Website for complete details.
6. PHS Graduating Classes 2016 and beyond will be required to complete a total of 47 credits for graduation and pass a civics test.

Suggested Timeline to Complete Core Required Courses:

9 th Grade		10 th Grade	
Semester 1	Semester 2	Semester 1	Semester 2
English 9A	English 9B	English 10A	English 10B
Physical Science A	Physical Science B	Biology A	Biology B
Math	Math	Math	Math
Computer App*	World History*	Health*	

11 th Grade		12 th Grade	
Semester 1	Semester 2	Semester 1	Semester 2
English 11A	English 11B	English 12A	English 12B
U.S. History A	U.S. History B	American Gov. A	American Gov. B
Math+	Math+	Math	Math
Lab Science**	Lab Science**	Economics*	
Speech*			Senior Project
Civics Test	College Entrance Exam		

*These courses can be taken either in the Fall (Semester 1) or Spring (Semester 2).

**The additional year of Lab Science may be taken during the junior or senior year.

+ Recommended but not required

PHS Class Change Policy: Selection of classes is one of the most important responsibilities that a student has in order to allow him/her the best possible education at PHS. All students should register for primary and alternate courses of their choice during spring pre-registration. Students should consult with parents, counselors, and teachers during the registration process. If a student did not request a class in the spring, they may not be able to change into it later. Students who have requested the class get priority.

Schedules will be available for pick-up during specific advertised dates prior to the beginning of the school year and again prior to the start of the second semester. Counselors will be available during those times to discuss valid schedule changes. Schedule changes will not be made which create significant imbalances between sections and which negatively impact the learning environment. Some adjustments in classes and student schedules may be necessary to improve the learning environment.

Students will be allowed one class change per semester. This must be done by the end of the second day of school each semester.

To the maximum extent possible, class time will not be used to make class changes. Class changes will be made before school, after school, or during the lunch period.

If a student is removed from a class for disciplinary reasons, the student will lose credit for the course and receive a failing grade (F) on the report card.

Class changes will only be allowed for valid reasons. Acceptable reasons for class changes may include the following:

- to satisfy graduation requirements
- to fill each student's schedule
- to ensure proper academic placement
- to avoid unnecessary repetition of the same course
- due to poor academic performance
- student did not meet the prerequisites for specified course as directed by administrators, counselors, and teachers

PHS Attendance Policy: A student will receive a No Credit grade in a given class when absent more than 7 periods per semester. Absence from school for any reason other than a school/college related activity or prolonged medical condition will still be counted toward the total number of absences. Students who are tardy more than 15 minutes in a class will be considered absent. If the academic grade in the class with excessive absences is failing, the semester grade will remain "F." If the academic grade in the class is passing and none of the absences were trancies, the student has the option of applying for credit with a Credit Reinstatement Application. See the PHS Office for an application.

Credit Earned and Credit Makeup: Students receive one credit for each class passed at PHS each semester. If a student receives an "F" or "NC" for the semester grade, no credit is awarded. Students failing a core course required for graduation are responsible for making the arrangements to **make up the lost credit.**

Summer School Remediation: Remedial English, mathematics, science, and history classes may be available for students to make up lost credit during Summer School at Franklin County High School. Two, three-week sessions may be offered where students can earn one credit each session. Availability of summer courses are based on student demand and teacher availability. Summer school is free and is intended for students to make up lost credits. Please contact the PHS Counseling Department for specific information and applications.

Idaho Proficiency Exams: Idaho high school students are required to demonstrate proficiency in math, reading, and language usage on an Idaho Proficiency Exam prior to graduation as per Idaho State Department of Education. An alternative graduation mechanism is in place for students who are unable to demonstrate proficiency on a State of Idaho approved exam or equivalent exam from another state.

Civics Exam: Beginning with the class of 2017, all students will be required to pass a civics exam in order to graduate.

College Entrance Exams: Idaho requires students to take a college entrance examination by the end of the 11th grade, such as ACT or SAT exams unless otherwise exempted. Most colleges will accept either ACT or SAT scores, whichever score is higher.

The American College Test (ACT) is a college entrance exam used to determine college admission and scholarships. It consists of subject area tests in: English, Mathematics, Reading, and Science. The ACT also has an optional writing test, which may be required by some colleges. Check specific college websites to determine current admission requirements. The registration deadline for any ACT test is usually 5 weeks before the test date. Students should register online at www.actstudent.org. The website provides answers to most questions, including a handy search to determine which colleges require the optional writing portion. The ACT high school code for PHS is 130515. The test center or site code for PHS is 193680. Students who qualify for free/reduced school lunch may also qualify to receive up to two ACT fee waivers for regular ACT test registration.

The Scholastic Assessment Test (SAT) is a college entrance exam used to determine admission and scholarships similar to the ACT. It consists of subject area tests in: Reading, Writing, Math, and an Essay. The State of Idaho currently pays for all juniors to take the SAT during a school day, typically scheduled during the month of April each year.

****The BEST test prep a student can do is take rigorous academic courses while in high school****

Schedule Requirements:

Students enrolled in grades 9-11 at Preston High School are required to be enrolled in all 7 class periods and to be continuously enrolled through graduation. Students in grade 12 must be enrolled in at least 6 of 7 available class periods, and be continuously enrolled through graduation. **Seniors requesting more than one hour of release time are required make a written request to the Superintendent.** Students meeting graduation requirements early are required to enroll in enrichment classes (electives), or online classes to take advantage of State initiatives to fund concurrent or other college credit classes until that time when their class graduates.

University and College Admission Requirements: Graduation from high school does not guarantee that a student is sufficiently prepared for education and training after high school. Students desiring to continue their education after graduation should carefully plan the courses they take during high school to meet the requirements for admission to those institutions. Students should refer to the actual college/university website or contact them directly for specific information on admissions requirements.

Online/Independent Study Options: Despite the many class options available at PHS, natural limitations prohibit the type and number of courses offered. Independent study and online courses provide students the opportunity to make up lost credits, take courses not currently offered at PHS, or to take Concurrent or AP classes not offered at PHS.

Idaho Digital Learning Academy (IDLA) IDLA works in partnership with Idaho School Districts to offer a variety of online courses that would not otherwise be available. Most IDLA courses cost \$75 per course. In the case of Concurrent courses, the \$75 course fee is waived, and students would use Advanced Opportunities funding to pay for the cost of the per college credit. Registration and payment for IDLA is completed through the online portal at www.phs.idiglearning.net IDLA courses are structured with a specific timeline to complete assignments and tests.

Concurrent Courses allow qualified high school students (age 16 and 3.0 cumulative GPA) to earn college credits while at the same time meeting their high school graduation requirements. This can accelerate completion of a college degree. Students electing to take concurrent courses may be required to purchase the textbook for each course. Check with the college you plan on attending to see how these credits will transfer. Advanced Opportunities funding is available to pay for the college credit fees.

Please remember that concurrent registration means an official college transcript is being created with a grade assigned for each course. **College-level courses require extra effort and personal responsibility.** When students enroll in college, they are advised to study for two to three hours outside of class for every hour in class.

ADVANCED OPPORTUNITIES

Fast Forward Program provides students in grades 7-12 attending public school in Idaho an allocation of \$4,125 to use toward the cost of overload courses, dual credits and exams.

See <https://nextsteps.idaho.gov/resources/advanced-opportunities-forward-program-for-high-school-students> for more information.

SEITEC

Southeastern Idaho Technical Charter School (SEITec) is comprised of students in specific Career and Technical Education (CTE) courses who are members of Preston, Malad, or West Side High Schools. Students who sign up for SEITec courses are given the opportunity to meet graduation requirements and earn a SEITec Diploma in addition to a PHS Diploma.

SEITec Diploma Requirements:

- Be eligible to graduate from home high school
- Earn a B or better in a capstone course
- Create a high-quality resume & cover letter
- Attend the SEITec Senior Seminar and participate in a mock job interview (senior year)
- Complete a 16-hour work-based learning experience (approved by instructor or WBL coordinator) and write a reflection on the experience
- Attend an industry tour as part of the capstone class
- Attend a post-secondary campus tour
- Complete FAFSA and the local scholarship application

** Students **MUST** complete all diploma requirements prior to April 15 and will be eligible for \$500 scholarship drawings.

NCAA ELIGIBILITY BASICS

***All high-school athletes desiring to compete in college athletics at Division I or Division II levels must register with the NCAA Eligibility Center.** For complete information on eligibility requirements and procedures, refer to the NCAA Eligibility Center website at www.eligibilitycenter.org.

The NCAA recommends that student-athletes register at the **beginning of their junior year** in high school, but many students register after their junior year. There is no registration deadline, but students must be cleared by the Eligibility Center before they receive athletic scholarships or compete at a Division I or II institution.

The following basic requirements must be met in order for a student to be able to practice, play, and receive a scholarship at an NCAA Division I or II college or university:

- Complete a certain number of high school core courses.
- Earn a certain minimum grade point average in these core courses.
- Earn a certain minimum score on the SAT or ACT.
- Graduate from high school.
- Complete the amateurism questionnaire and request final amateurism certification.

Core Courses

- **NCAA Divisions I and II require the completion of 16 core courses as per specified type and PHS approved list.**
- 4 years of English
- 3 years of math (Algebra 1 or higher)
- 2 years of natural or physical science (including one year of lab science if offered by your high school)
- 1 extra year of English, math, or natural or physical science
- 2 years of social science
- 4 years of extra core courses (from any category above, or foreign language, comparative religion or philosophy)

Grade-Point Average

- **NCAA Division I requires the following minimum GPA:**
- Earn a minimum core-course grade-point average of 2.300
- **NCAA Division II requires the following minimum GPA:**
- Earn a minimum core-course grade-point average of 2.200
- Remember, the NCAA grade-point average is calculated using NCAA core courses only.

Test Scores

- **Division I and II** use a sliding scale to match test scores and core grade-point averages.
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The SAT writing section is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.

• When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will not be used.

CLASSES OFFERED AT PRESTON HIGH SCHOOL 2022-2023

(Actual offerings may vary based on student interest and/or instructor availability)

Class	Length	Grade	PreR.	Fee	Class	Length	Grade	PreR.	Fee
ART					PHYSICAL EDUCATION				
Stained Glass	S	9-12		\$55	Physical Education 9-12	S	9-12		
Drawing I	S	9-12	Yes	\$8	Athletic Skills Development	S/Y	10-12	Yes	\$5
Drawing II	S	9-12	Yes	\$4	Recreational Weight Training	S	9-12		\$5
Cartooning	S	9-12	Yes	\$12	CAREER/TECHNICAL EDUCATION				
Digital Sculpting	S	9-12			Agriculture				
ENGLISH					Introduction to Ag Industry	S	9,10		
English 9 A & B	Y	9			Intro. to Livestock Industry	S	9-12		
English 10 A & B	Y	10			Introduction to Ag. Mechanics	S	9,10		\$15
English 11 A & B	Y	11			Introduction to Ag. Plant Industry	S	9,10		
English 12 A & B	Y	12			Ag Nutrition & Food Science	S	10-12		\$15
Concurrent English 1101 (A)	S	12	Yes	Yes	Ag. Welding	S	10-12		\$15
Concurrent English 1175 (B)	S	12	Yes	Yes	Advanced Ag. Mechanics	S	10-12	Yes	\$15
Art in Film	S	9-12			Advanced Ag. Welding	S	11,12	Yes	\$15
Intro to Mythology	S	9-12			Small Gas Engines	S	10-12		\$10
Speech	S	11			Ag. Fabrication	S	10-12	Yes	\$15
Concurrent Speech	S	11			Applied Livestock Mgmt	S	10-12	Yes	
Introduction to Drama	S	9-12			Applied Greenhouse/Nursery	S	11,12	Yes	
Novels & Short Stories	S	9-12			Ag Animal Science	S	11,12		
Holocaust Literature	S	9-12			Ag. Business & Economics	S	12		
Creative Writing	S	10-12			FFA Personal Leadership Dev.	S	10-12	Yes	
Female Authors	S	9-12			Adv. Greenhouse/Floral Design	S	11,12	Yes	\$15
FOREIGN LANGUAGES					Wildlife Mgmt & Nat. Resources	S	10-12		
German I A & B	Y	9-12	Yes		Automotive Technology				
Spanish I A & B	Y	9-12	Yes		Auto Technology I	S	9, 10		
Spanish II A & B	Y	9-12	Yes		Auto Technology II A & B	Y	10-12	Yes	\$20
Spanish III A & B	Y	10-12	Yes		Auto Technology III/IV A & B	Y	11,12	Yes	\$25
Latinos in Action	Y	9-12	Yes		Business/Marketing/Technology/Engineering				
MATHEMATICS					Business Computer Applications	S	9		
Algebra I A & B	Y	9,10	Yes		Business Management	S	9-12		
Geometry A & B	Y	9-12	Yes		Social Media Marketing	S	10-12	Yes	
Algebra II A & B	Y	10-12	Yes		Accounting 1 A&B	Y	10-12	Yes	
Precalculus A & B	Y	11,12	Yes		Advanced Accounting	S	10-12	Yes	
College Algebra & Trig	S	11,12	Yes	Yes	Graphics I (Photoshop)	S	9-12	Yes	
Calculus A & B	Y	11,12	Yes	Yes	Graphics 2, 3 (Illustrator, Indesign)	S	10-12	Yes	
Personal Finance*	Y	12			Economics	S	12		
Dual Credit Intro to Statistics	Y	11,12	Yes		Intro to Business	S	10-12		
MISCELLANEOUS					Intro to Entrepreneurship	S	10-12	Yes	
Teacher Aide A & B	S/Y	12	Yes		Introduction to Engineering Design	S	9-12		
Special Needs Aide	S	9-12	Yes		Principles of Engineering	Y	10-12	Yes	
Publications (year book) A & B	Y	9-12	Yes		Cabinet Making				
Released Time (seminary) A & B	Y	9-12			Cabinet Making I (semester)	S	9,10		\$40
Student Government A & B	Y	9-12	Yes		Cabinet Making I A & B	Y	9-12		\$59
Cosmetology **2 Year Commitment		11-12	Yes		Cabinet Making II A & B	Y	10-12	Yes	Yes
MUSIC					Cabinet Making III A & B	Y	11-12	Yes	Yes
Varsity Vocalists A & B	Y	10-12	Yes	\$12	Electronics				
Concert Choir A & B	Y	9-12	Yes	\$12	Electronics I	S	9-12	Yes	\$8
Concert Band A & B	Y	9-12	Yes	\$10	Electronics II A & B	Y	10-12	Yes	\$10
Full Symphony A & B	Y	9-12	Yes		Electronics III A & B	Y	11,12	Yes	\$10
Concert Orchestra A & B	Y	9			Automated Manufac. & Robotics	Y	11,12	Yes	\$10
Music Exploration	S	9-12							

Class	Length	Grade	PreR.	Fee
Family/Consumer Science				
Teen Living	S	9,10		\$18
Adult Living/Parenting	S	11,12		\$18
Nutrition and Foods	S	10-12		\$20
Housing, Interiors & Furnishings	S	11,12		\$10
Fashion Strategies	S	9-12		\$15
Fashion and Textiles	S	9-12	Yes	\$15
Health Profession				
Health	S	10,11		
Dual Credit Medical Terminology	S	11,12	Yes	
CNA	S	11,12	Yes	Yes
Psychology I & II	S	10-12		
Concurrent Psychology	S	11-12		
Fundamentals for Health Professions	S	9-12		
Emerg. Medical Responder A & B	Y	10-12	Yes	
Basic EMT A & B	Y	11,12	Yes	
Sports Medicine 1	Y	11,12	Yes	TBD
Sports Medicine 2	S	11,12		
SCIENCE				
Physical Science A & B	Y	9		
Biology A & B	Y	10		
Chemistry I A & B	Y	10-12	Yes	
Chemistry II A & B	Y	11,12	Yes	
Anatomy and Physiology	Y	11,12	Yes	
Zoology	S	11,12	Yes	
Forensic Science	Y	11,12	Yes	
SOCIAL STUDIES				
World History 1	S	9		
World History 2	S	9-12		
U.S. History (20 th century) A & B	Y	11		
Concurrent U.S. History A & B	Y	11	Yes	Yes
American Government A & B	Y	12		
Concurrent Government A & B	Y	12	Yes	Yes
Economics	S	12		
Current Events	S	9-12		

Key	
A & B	A = First semester of a full year class B = Second semester of a full year class
Length	S = semester class Y = full year class
Grade	Indicates the grade level able to take the class: 9 th , 10 th , 11 th , and/or 12 th
PreR.	Indicates that the class has a prerequisite . Usually prerequisites are teacher approval, application, audition, or another class that the student must take before taking that class. See the course description for specifics.
Fee	Indicates that supply, text, and/or other costs may apply for that specific class.
	* Personal finance can count as a high school math credit when taken senior year.

COURSE DESCRIPTIONS

ART

STAINED GLASS SEMESTER

Prerequisite: none
Fee: \$30-\$55.00

GRADES OFFERED TO: 9, 10, 11, 12

This class will explore flat panel stained glass. Students will learn the copper foil method process - - everything from cutting, to grinding, to foiling, and soldering. The class will begin with projects using a small number of pieces and will progress at the student's own pace. The minimum fee will include clear and mirrored glass, for colored glass the fee is \$55.00. The fee includes other miscellaneous supplies needed to make the projects for that semester only. Participation will be the classes' primary focus, but at least 3 suncatchers must be finished first.

DRAWING I SEMESTER

**Prerequisite: "C" or better from a junior high
drawing class**

GRADES OFFERED TO: 9, 10, 11, 12

Fee: \$8.00

This class will concentrate on the drawing process with an emphasis on portraiture, shading and realism. Drawings done in media other than regular pencil will also be made. Class work involves 16 drawings per semester and the finishing of projects at home when necessary. Fewer drawings may be required if extra credit is earned. In order for a student to proceed on to higher art classes, he/she must take Drawing II either second semester or take it the following year. There is an \$8.00 art fee to be paid by the 3rd day of class (\$4.00 for a set of drawing tools and \$4.00 for miscellaneous supplies).

DRAWING II SEMESTER

Prerequisite: Drawing I
Fee: \$4.00

GRADES OFFERED TO: 9, 10, 11, 12

This class continues with the study of anatomy introduced in Drawing I, as well as shading and detailed realism. The class will continue to concentrate on drawing including linear perspective. Non-pencil projects will be explored including a clay sculpture. Class work includes 20 drawings per semester and the finishing of projects at home when necessary. Fewer drawings may be required if extra credit is earned. There is a \$4.00 fee to be paid by the 3rd day of class for miscellaneous supplies.

CARTOONING SEMESTER

**Prerequisite: "C" or better from a previous
drawing class**

GRADES OFFERED TO: 9, 10, 11, 12

Fee: \$12

It's harder than it looks, but if you're ready to take comedy or action comics seriously then this is the class for you. Build upon your realistic drawing skills by making your very own comics! Although they don't call it "art work" for nothing--when making comics you can laugh and work at the same time! If others laugh with you not at you then laughter is truly the best medicine! Learn about facial expressions, body language--and how to draw cartoon hands! Incorporate props and backgrounds based on realism. Learn the unique language of the comic strip artist. Learn to tell entertaining stories with words and art! Learn to design, unique, memorable characters. The sooner you learn realistic anatomy skills, the sooner you might create a superhero of your own! (Jerry Siegel and Joe Shuster created superman in high school!) Fun fact: Batman's cape was inspired from a sketch by Leonardo da Vinci. Long before blockbuster Movie actors worked out to look like comic book superheroes, artists worked at making artwork of superheroes!

DIGITAL SCULPTING SEMESTER

Prerequisite: Drawing I
Fee: Depends on 3D printed project

GRADES OFFERED TO: 9, 10, 11, 12

Welcome to a world of sculpting that requires no clay, never gets your hands dirty or requires clean up! Let your imagination soar, creating projects that not only exist inside the computer, but having the option to bring them into the real world using 3-D printing. We will be exploring "Blender." Blender is an open source 3-D creation suite whose creator is more interested in making stuff, than money. After watching just a few you tube videos you will be blown away by what this software can do. Blender has a powerful 3-D modeler, features animation, video editing and an impressive game engine. Previous graphic software experience like Photoshop or Illustrator, etc. should make Blender easier to pick up, but is not required. There are plenty of you tube videos that will teach us how to get started and we will learn from each other as well. It won't seem too long before you are making outstanding visual projects.

ENGLISH

ENGLISH 9 A & B

Prerequisite: None

FULL YEAR

GRADES OFFERED TO: 9

This course is designed to give students a basic understanding of skills that are necessary for effective communication. Basic language skills such as grammar usage, spelling, vocabulary, and composition will be stressed. An overview of literary genres will be given. There will be approximately two hours of required homework per week.

ENGLISH 10 A & B

Prerequisite: English 9

FULL YEAR

GRADES OFFERED TO: 10

This course deals directly with communication skills learned in English 9. Vocabulary will be stressed. Expository writing, grammar, and usage will be reviewed and combined with various types of literature. Coherence in composition will be stressed. Students will write creatively, i.e., short stories and poetry. Skills and standards tested on the ISAT will be reviewed. There will be approximately two hours of required homework per week.

ENGLISH 11 A & B

Prerequisite: English 10

FULL YEAR

GRADES OFFERED TO: 11

Emphasis in the junior year is placed upon the appreciation of American Literature including short stories, articles, essays, novels, plays, and poetry. Vocabulary study is stressed. Spelling, usages, punctuation, logic, and composition receive attention. Students will extensively research a career of choice and will investigate educational opportunities for this field. Preparation for the SAT and ACT exams is also covered this year. Approximately two hours of homework per week can be expected.

ENGLISH 12 A & B

Prerequisite: English 11

FULL YEAR

GRADES OFFERED TO: 12

Completion of a research paper will constitute a major part of the first semester course work. Students must receive a passing grade on the research process and submitted research paper. Students will read, write, and discuss a variety of thematic literature which relates to the student's problems, decisions, and views of life. It is designed to give a greater understanding and appreciation for people and cultures of the world in terms of themes, realities, and moral codes. It should ultimately enable the student to communicate more effectively and to make more mature choices and decisions. Two hours of homework can be expected per week.

CONCURRENT ENGLISH 1101 (3 credit hours)

Prerequisite: Application

SEMESTER A Fee: (textbook)

GRADES OFFERED TO: 12

Course in which students read, analyze, and write expository essays for a variety of purposes consistent with expectations for college-level writing in standard edited English. This course requires a researched essay.

CONCURRENT ENGLISH 1175 (3 credit hours)

Prerequisite: Application or ENGL 1101

SEMESTER B Fee: (textbook)

GRADES OFFERED TO: 12

Introduction to the critical reading of various literary genres, with attention to the interpretation and evaluation of representative texts.

HOLOCAUST LITERATURE

Prerequisite: None

SEMESTER

GRADES OFFERED TO: 9, 10, 11, 12

This class is an elective class designed to help students better understand the Holocaust through literature. Most of the books students will read have teenage and child protagonists. All teens, including Holocaust victims, must go through developmental tasks. These universal tasks (and universal themes) are illustrated in Holocaust literature. In addition to the literature we will learn through Power Point presentations, plays, and films such as One Survivor Remembers, Sophie Scholl, The Longest Hatred, Blessed in the Match: The Life and Death of Hannah Senesh, and Life is Beautiful. The class does not count as English credit for graduation.

FEMALE AUTHORS

Prerequisite: None

SEMESTER

GRADES OFFERED TO: 9, 10, 11, 12

Students will explore literature written by female authors and the influence they have on different genres and types of writing. Since most of the literature studied in English courses is written by male authors, this course will provide an opportunity to study a broader variety of noteworthy authors. Students will read several novels, short stories, and poems. Students will also practice writing by mimicking

different writing styles and starting to define their own. This class does not count as an English credit for graduation. There is no prerequisite for this class; however, students will need strong reading skills to be successful.

**ART IN FILM
SEMESTER**

**Prerequisite: 9th and 10th grades need
instructor approval**

GRADES OFFERED TO: 9, 10, 11, 12

Art in film critically examines film to identify the elements that make film art. Students will be learning about the creative process in film development and analyzing different artistic decisions made by directors and actors to create art. The course will also discuss the history and evolution of cinematic art. Students will screen different films that will exemplify the elements discussed in class. The course will also help the students develop their analytical thinking and writing skills.

**INTRO TO MYTHOLOGY
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 9, 10, 11, 12

This course will focus on the basic introductory knowledge (Greek, Roman, Egyptian, and Norse) needed to understand basic allusions in classic literature. This class is an elective class designed to help students better understand the Literary Genres of mythology, legends, and fantasy. We will also discuss the basic formulas within the Fantasy Genre. The class does not count as an English credit for graduation. No prerequisite is attached to the class; however, students will need strong reading skills to be successful.

**CREATIVE WRITING
SEMESTER**

Prerequisite: None

Fee: Optional writing competition submission

GRADES OFFERED TO: 9, 10, 11, 12

In this course, students will be given the opportunity to work on a variety of different writing genres with the goal of becoming familiar and proficient in each. This course will cover fiction writing, nonfiction writing, and poetry. Students will work independently, with the teacher, and with groups to better their personal writing. To hone in on skills, students will work both their creative and imaginative skills and strong spelling and grammatical practice. To be a good writer, a student must read. We will read multiple examples, write multiple different works throughout the semester, and grow a great bond as fellow writers. Students will come out of the class with work that is ready to be submitted to contests/literary magazines and will work closely with those in the community. For anyone with an interest in reading and writing, this will be a great class that will lead to further confidence in your communication abilities.

**INTRODUCTION TO DRAMA
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 9, 10, 11, 12

This one semester class is designed to introduce students to different aspects of theater. Students will learn techniques of performance and production, while gaining experience with creative expression and communication. Students will gain an understanding of theater related vocabulary and the history of theater, and apply it as students learn to critique and analyze performances. Class members will be expected to present both individual and group performances, and participate in daily class activities. Drama will fill a humanities credit.

**SPEECH
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: Required 11th Grade

This class will explore a variety of aspects of effective communication. These skills include, but are not limited to: listening, organization, verbal and non-verbal communication, effective visual aide techniques, presentation skills, debating in a structured setting, etc. Students will also explore current events and learn how to express an objective opinion on the events that occur in their world.

**CONCURRENT SPEECH
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 11, 12

Concurrent speech provides both high school credit for speech and fills a general education requirement for communications credit at the college level in Idaho and Utah. Students will learn principles of persuasive speech as taught by Aristotle, including ethos, pathos, and logos. Further, students will learn how to research, organize, and deliver speeches, while learning to critically evaluate persuasive appeals in the speeches of others. They will develop general listening and communication skills for both small and large groups. Students will be expected to present college level speeches on informative, persuasive, and argumentative topics, with others added as time allows.

**NOVELS AND SHORT STORIES
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 9, 10, 11, 12

This elective class is designed to help students better understand, appreciate, and enjoy novels and short stories. Students will read assigned novels and short stories as well as ones they will select. Students will participate in class discussions, short writing assignments, and other activities. Students will develop their analytical, critical, and creative thinking and writing skills. To help students further

understand and appreciate some of the selected works they'll be reading, they will view and discuss some cinematic representations (movies). This class does not count as an English credit for graduation. There is no prerequisite for this class; however, students will need strong reading skills to be successful.

FOREIGN LANGUAGES

GERMAN I A & B

FULL YEAR

GRADES OFFERED TO: 9, 10, 11, 12

This first year is to introduce the basic elements of the language and learn phrases applicable to every day conversation. Students will be able to begin carrying on a simple conversation in German. Emphasis is on listening, speaking, reading, and writing. Students are introduced to cultural aspects through films, guest speakers, and activities.

Prerequisite: "C" or better in previous English class

SPANISH I A & B

FULL YEAR

GRADES OFFERED TO: 9, 10, 11, 12

This beginning Spanish class will focus on developing, listening, speaking, reading and writing skills on a novice level. Emphasis will be placed on oral communication in everyday situations. Students will also learn about varied cultures of Latin America and Spain.

Prerequisite: "C" or better in previous English class

SPANISH II A & B

FULL YEAR

GRADES OFFERED TO: 9, 10, 11, 12

Students will continue to build on the four basic skills of reading, writing, listening, and speaking introduced in Spanish I. Students will learn to converse in more complex, yet everyday situations. Class will continue study of Latin cultures through oral presentations and media.

Prerequisite: "C" or better in Spanish I Instructor approval

SPANISH III A & B

FULL YEAR

GRADES OFFERED TO: 10, 11, 12

Students will work on their Spanish fluency through speaking, listening, reading, and writing. Great amounts of vocabulary will be learned as well as dialogues and additional verb tenses.

Prerequisite: "B-" or better in Spanish II Instructor approval

MATH

ALGEBRA I A & B

FULL YEAR

GRADES OFFERED TO: 9, 10

Algebra I is the comprehensive course in Algebra. Students learn properties of the number system and basic algebraic processes and language. Students relate and apply algebraic concepts to geometry, statistics, data analysis, and probability. Examples, exercises, and activities provide a real-life context to help students grasp the material. Some graphing technology is used to enhance learning.

Prerequisite: Instructor approval

GEOMETRY A & B

FULL YEAR

GRADES OFFERED TO: 9, 10, 11, 12

Geometry is the comprehensive course in Geometry following the Idaho Common Core Standards. Geometry provides the student with a basic understanding of the structure of geometry, deductive and inductive reasoning, and the need for precision in the language of mathematics. Algebra concepts are integrated into this course. Topics include the concepts, properties and applications of lines, angles, polygons, circles, and three dimensional shapes. Projects and real life applications will enhance student understanding. This course also prepares the students for the Idaho Common Core Assessment. A calculator is required for this course.

Prerequisite: "D" or better in Algebra I and Instructor approval

ALGEBRA II A & B

FULL YEAR

GRADES OFFERED TO: 10, 11, 12

Algebra II is the comprehensive course in Algebra II following the Idaho Common Core Standards. Algebra II is a course designed to meet the needs of those students who plan to take advanced math courses and for those students who plan on post-secondary education. This course covers such topics as properties of the real and complex number systems, linear equations and inequalities, systems of equations and inequalities, matrices, polynomials, conics, functions and inverse functions, exponentials, logarithms, graphing, sequences, probability, statistics, and mathematical modeling. This course also prepares the students for the Idaho Common Core Assessment. A calculator is required for this course, and a graphing calculator is recommended.

Prerequisite: "D" or better in Geometry and Instructor approval

**PRECALCULUS (ALGEBRA III) A & B
FULL YEAR**

GRADES OFFERED TO: 11, 12

Algebra III will cover some of the same topics as College Algebra and Trigonometry, but will not be as rigorous. Some students may choose to take this class prior to taking College Algebra and Trigonometry. Topics included in this course are linear equations and inequalities, properties of the real and complex number systems, systems of equations, polynomials, functions and inverse functions, exponentials, logarithms, mathematical modeling, graphing, and probability and statistics. Sequences, series, limits and differentiation may be introduced. The trigonometry topics of trigonometric functions and inverses, triangle solving, trigonometric identities, graphing and applications of trigonometry will be covered. Parametric and polar equations may be introduced. Requires a graphing calculator.

**Prerequisite: “C” or better in Algebra II
This course requires a graphing calculator**

**COLLEGE ALGEBRA- USU MATH 1050
SEMESTER**

GRADES OFFERED TO: 11, 12

**Prerequisite: “C” or better in Algebra II and
a score of 23 or better on the Math portion of the
ACT or a passing score on USU’s ALEKS Exam
these prerequisites must be met before enrolling
in the class.**

4 USU credits

**This course will require the purchase of a
textbook. This course requires a graphing
calculator**

College Algebra is offered as concurrent enrollment through USU (Math 1050, 4 semester credits). This is a fast-paced course and students should be prepared to study hard. Topics included in this course are linear equations and inequalities, properties of the real and complex number systems, systems of equations, polynomials, functions and inverse functions, exponentials, logarithms, mathematical modeling, graphing and probability and statistics. Sequences, series, limits and differentiation may be introduced. This course requires a graphing calculator. The final exam is from Utah State University and will count for 30% of the semester grade.

**TRIGONOMETRY- CONCURRENT
SEMESTER**

GRADES OFFERED TO: 11, 12

**Prerequisite: “C” or better in Algebra II and
a score of 23 or better on the Math portion of the
ACT or a passing score on USU’s ALEKS Exam.
These prerequisites must be met before enrolling
in the class. This course will require the
purchase of a textbook. This course requires a
graphing calculator.**

Trigonometry is offered as concurrent enrollment at USU (Math 1060, 2 semester credits). This is a fast-paced course and students should be prepared to study hard. Trigonometry is the study of trigonometric functions and inverses, triangle solving, trigonometric identities, graphing and applications of trigonometry. Parametric and polar equations may be introduced. This course requires a graphing calculator. The final exam is from Utah State University and will count for 30% of the semester grade.

**CALCULUS- CONCURRENT (ISU Math 1170)
FULL YEAR**

GRADES OFFERED TO: 11, 12

Concurrent Calculus is intended for students who have a thorough knowledge of college preparatory mathematics including, algebra, trigonometry, analytic geometry, equations, graphs, lines and curves. Topics such as functions, differential calculus, limits and integral calculus will be studied. This course is the first semester of calculus in college (ISU MATH 1170). Calculus is intended to be challenging and demanding. The course outline and tests are determined by the ISU Math Department. Students who pass Calculus will receive 4 semester college credits. This course requires a graphing calculator (TI 83, TI 84, or TI 89 preferred).

**Prerequisite: USU MATH 1050 and 1060
(College Algebra/Trigonometry) 4 ISU Credits
This course requires a graphing calculator**

**CONCURRENT INTRO TO STATISTICS (ISU Math 1153)
FULL YEAR**

GRADES OFFERED TO: 11, 12

Descriptive statistics, probability, confidence intervals, and hypothesis testing for one and two parameters. Emphasis on applications to a wide variety of disciplines

Prerequisite: ACT Math score of 23

**PERSONAL FINANCE A & B
FULL YEAR**

Prerequisite: None

GRADES OFFERED TO: 12

This course will inform students how financial choices directly influence occupational goals and future earnings potential. Topics covered will include planning and goals, income, money management, spending and credit, career preparation, saving and investing, and risk management. Students will learn how to develop personal and household budgets utilizing checking and saving accounts, gain knowledge in debt and credit management, learn investing fundamentals, and learn to evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence. May be counted as Math credit only when taken senior year.

MISCELLANEOUS

**TEACHER AIDE A & B
FULL YEAR**

Prerequisite: Teacher and registrar approval

GRADES OFFERED TO: 12

Students will be assigned as a teacher aide after verification is made regarding attendance, grades (no D or F grades), and no discipline or truancy problems. Students must be willing to fulfill teacher assignments for the year unless they are released early during second semester. The student will sign a contract stating they will fulfill their assignment. Students are selected to assist teachers and office staff. Students may be assigned to work at Oakwood and Pioneer Elementaries. There will be no more than 15 teacher aides per period.

**SPECIAL NEEDS AIDE
SEMESTER**

Prerequisite: Instructor approval

GRADES OFFERED TO: 9, 10, 11, 12

This class will offer hands-on instruction time with students with special needs. Students will have the opportunity to work with students as job coaches at job sites, as peer tutors in regular and special settings and as role models in discussions. Students will not be selected for the class if they have had problems in school such as truancy. Consistent attendance is vital to the success of the program. This is a participation class and students will be expected to participate. Students will need to walk to some of the job sites.

**PUBLICATIONS A & B (Yearbook)
FULL YEAR**

**Prerequisite: Advisor & Editor approval,
Students must apply**

GRADES OFFERED TO: 9, 10, 11, 12

Students in this class will design and create the school yearbook, The Quiver. Class size is limited to provide students with the opportunity to work on a wide range of projects. Positions available are Editor, Assistant Editor, Photographers, Copy Editors, and Layout Design Specialists. Students will learn *eDesign* to create yearbook page layouts; they will use digital cameras to document school activities, clubs, sports, academics, and student life; and they will write captions and/or copy. Students should be self-motivated, disciplined, and able to work independently as well as in a group setting. Good writing, organizational, and computer skills are helpful.

**COSMETOLOGY
2 YEAR COMMITMENT**

**Prerequisite: Application, Interview, Instructor
Approval**

GRADES OFFERED TO: 11, 12

The cosmetology course, in conjunction with ISU, will help you get started on your Idaho cosmetology license. Students will travel to the West Side campus for two periods a day both Junior and Senior year and will earn 600 hours towards their license when completing their Senior year. After completion of the four semesters, students are eligible to start the ISU cosmetology program and will be 1 semester ahead of the other students. *Students must apply and be accepted, and Juniors should be committed to completing the 2-year course sequence.

**LATINOS IN ACTION
FULL YEAR**

Prerequisite: Student Application

GRADES OFFERED TO: 9, 10, 11, 12

Latinos in Action is a classroom organized around service, professionalism, leadership and learning to be the best person you can be. This class is focused on empowering Latino youth to lead and strengthen their communities through career and college readiness; service, and social and professional assistance. Students will engage in culturally relevant, college and career readiness curriculum. They will also participate in college visits, scholarship applications, learning more about their heritage, tutoring elementary students, becoming well rounded leaders, and successful job applicants. Participation in service (50 hours a semester or 100 per year), assemblies, dances, field trips, and/or leadership positions is required. Latinos In Action addresses the student as a whole, tying academics, leadership, and self-development into a single program. This is a year long course.

MUSIC

CONCERT CHOIR A & B

FULL YEAR

GRADES OFFERED TO: 9, 10, 11, 12

This course is for EVERYONE, not just singers. Absolutely no prerequisites to joining this ensemble. In this course we learn the basics of singing, ear training, music fundamentals and reading music. Singing two-part and three-part music in many different styles and settings. Come and try it out!

Prerequisite: None

Fee: \$12 Materials

Varsity Vocalists A & B

FULL YEAR

GRADES OFFERED TO: 10, 11, 12

Advanced vocal ensemble that rehearses difficult concert material, A Capella and accompanied with repertoire ranging from classical and sacred works to Broadway and contemporary choral settings. This is an active performing group with several programs and concerts throughout the year, including music festival competition, programs in our community and in other cities. Course has a minor focus on more advanced music theory concepts. Students accepted by audition only.

Prerequisite: Concert Choir, Audition

Fee: \$12 Materials

MUSIC APPRECIATION

SEMESTER

GRADES OFFERED TO: 9, 10, 11, 12

This is a single semester introduction to music class. Students who enroll in this course will learn the basics of how to read, listen to and understand many different types and styles of music. Along with the basics of music notation, students will take on a study of modern popular music from The Beatles to now. During the second half of the semester we look at film music and how the elements of music and orchestral instruments influence story telling.

Prerequisite: None

CONCERT BAND A & B

FULL YEAR

GRADES OFFERED TO: 9, 10, 11, 12

This ensemble is the foundation of the band program at Preston High School. It consists of brass, woodwinds, and percussion players. During the summer and early fall, Concert Band students participate as the Marching Band and perform for parades, half time shows and Marching Band Competitions around the area. During Football and Basketball seasons, the Concert Bands performs as the High School Pep Band for various ball games and assemblies. The Concert Band plans an out of state trip every three years to band festivals as well as prepares and performs music consistent with the bands abilities at regional and local festivals and contests annually. Current enrollment is required in order to perform with other groups like Pep Band, Symphony Orchestra, and other ensembles.

Prerequisite: Successful completion of jr. high band program or audition

Fee: \$7.50 - \$10.00 Uniform cleaning

FULL SYMPHONY A & B

FULL YEAR

GRADES OFFERED TO: 10, 11, 12

Move-in sophomore – senior string students may audition for placement in this group; Winds, piano, percussion students need instructor approval/audition (Some Freshman Wind/Brass/Percussion players may be allowed in Symphony with instructor approval.)

This is PHS's top performing Orchestra ensemble. It is an exciting opportunity for all instrumental musicians. Symphony is a performing group consisting of strings, brass, woodwinds, and percussion. We will play the exciting full symphony works of the masters as well as lighter fare. This group will have many performance opportunities as well as do some travel. String students in this group are eligible to participate in all District and State Orchestra events.

Prerequisite: Strings – Successful completion of Concert Orchestra; Winds, piano,

CONCERT ORCHESTRA A & B

FULL YEAR

GRADES OFFERED TO: 9, 10, 11, 12 (string players only)

Concert Orchestra is the introductory level orchestra class at PHS. All string students need to complete Concert Orchestra before moving into Symphony. It is a performing ensemble, but is also a class where students perfect the skills they will need to be successful in Symphony. Instruction focuses on becoming skilled in all keys, mastering shifting and vibrato, as well as many different styles of music. Concert orchestra will present several concerts throughout the year, as well as do some travel. Students in this group are eligible to participate in all District and State orchestra events.

Prerequisite: Strings – Successful completion of Jr. High orchestra, or permission of instructor.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 9-10 & 11-12 SEMESTER

GRADES OFFERED TO: 9-10, 11-12

This lifetime sports class is designed to promote lifelong participation in exercise and sport. Students will be taught basic exercise methods, flexibility techniques, and sports fundamentals. Activities may include, but will not be limited to: calisthenics, weight training, aerobic exercise, flag football, soccer, softball, tennis, archery, volleyball, basketball, badminton, pickle ball, golf, bowling, dodge ball, floor hockey, jogging/walking, and etc. The competition level will be light, with participation and effort emphasized rather than skill level. Students will be required to furnish their own activity clothing and gym shoes as outlined by the instructor.

Prerequisite: Physical exam recommended
Fee: Lock rental \$5.00 Optional (\$3.00 refunded when returned)

ATHLETIC SKILLS DEVELOPMENT A & B SEMESTER OR FULL YEAR

GRADES OFFERED TO: 9, 10, 11, 12

In this course, students experience a rigorous strength and conditioning program. Designed to enhance the athletic performance of athletes. Class includes: drills, agility, plyometrics, core, anaerobic, aerobic, speed training, strength and power training (functional and specific to sports) etc. Course activities also include coaches interaction, team time, studying detailed aspects of athlete's games, rules, strategies, and philosophies. In addition to class time activities, students are expected to participate in Preston High school sponsored athletic programs.

Prerequisite: Participation in PHS athletics

RECREATIONAL WEIGHT TRAINING SEMESTER

GRADES OFFERED TO: 9, 10, 11, 12

Students will be introduced to basic weight lifting and exercise techniques. Emphasis will be on stretching, conditioning, muscle and bone strengthening and weight control. Grade is based on: Class attendance and participation, weight chart /progression and work ethic. A physical examination prior to starting the class is recommended.

Prerequisite: None
Fee: \$5

CAREER/TECHNICAL EDUCATION

AGRICULTURE

INTRODUCTION TO AGRICULTURAL INDUSTRY SEMESTER

GRADES OFFERED TO: 9, 10

This is an excellent elective choice for anyone interested in agriculture and the FFA organization. This class is highly recommended for all students who are interested in agriculture and the FFA. Explore the various areas of agriculture, from soils, livestock care and why plants grow, to the greatest student organization-FFA. Also, take the first step in preparing for your future by learning about job opportunities in Agricultural Science and Technology. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes. Students who have taken the 8th grade Ag Intro can choose the Advanced Ag Industry class.

Prerequisite: None

INTRODUCTION TO AGRICULTURAL MECHANICS SEMESTER

GRADES OFFERED TO: 9, 10

This is a course designed to familiarize the student with the basic mechanical theory and skills. Students will develop skills in the following areas of Carpentry, Electricity, Plumbing, Fencing, Painting, Metal Working and Welding processes. Emphasis will be placed on safety and proper use of tools and equipment. This class is recommended for all students before they register for advanced Ag Mechanics or Welding. A \$15.00 lab fee will be charged. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

Prerequisite: None
Fee: \$15.00

INTRODUCTION TO LIVESTOCK INDUSTRY SEMESTER

GRADES OFFERED TO: 9, 10, 11, 12

This is an introductory course to the Livestock Production Industry and Meat Science. The course includes principles of evaluation and selection of beef, swine, sheep, horse, dairy animals and retail and carcass meats. Learn to judge livestock, dairy, and horses. Students can be part of a livestock judging team. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

Prerequisite: None

INTRODUCTION TO THE AG PLANT INDUSTRY**Prerequisite: None****SEMESTER****GRADES OFFERED TO: 9, 10**

This course is designed to instruct the basics of plant production in agriculture. The subjects of this class include soil fertility, irrigation practices, noxious weed management, crop identification, seed selection, and insect management. Students will also be able to grow a crop in the greenhouse. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

AGRICULTURAL WELDING**Prerequisite: None****SEMESTER****Fee: \$15.00****GRADES OFFERED TO: 10, 11, 12**

This is a course designed to develop skills in MIG, Arc, and Oxy-Acetylene welding and the processes that deal with the joining of metal for use in the agricultural industry. A \$15.00 lab fee will be charged each student. Students are required to wear safety glasses. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

ADVANCED AGRICULTURAL WELDING**Prerequisite: Ag Welding****SEMESTER****Fee: \$15.00****GRADES OFFERED TO: 11, 12**

This course is designed for those who have completed beginning Ag Welding and want to further their welding skills. The course will cover advanced skill areas in TIG, Arc, MIG, and cutting on mild steel, stainless steel, aluminum. The student should have a desire to continue this training after high school either in the work force or at a certified welding school. 15 student limit. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

ADVANCED AG MECHANICS**Prerequisite: Ag Mechanics****SEMESTER****GRADES OFFERED TO: 10-12**

This course is designed for students that want to gain a higher level of understanding and competency in the following areas: Electricity, Wood Structure Construction, Metal identification, Tool sharpening, Hot and cold Metal work. Class will also focus on components of the FFA Ag Mechanics CDE preparing individuals for competition. Students will be required to have proper shop clothing and safety glasses. This course is designed to challenge students in the pathway of Agricultural Mechanics.

SMALL GAS ENGINES**Prerequisite: None****SEMESTER****Fee: \$5.00****GRADES OFFERED TO: 10, 11, 12**

This is a course designed to develop skills in selection, operation, and maintenance of small air cooled engines. Students will need to acquire an engine to overhaul. A \$5.00 fee for tools and supplies will be charged. Students are required to wear safety glasses. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

AGRICULTURAL FABRICATION**Prerequisite: Welding****SEMESTER****Fee: \$15.00****GRADES OFFERED TO: 10-12**

This is a course to develop skills in metal equipment assembly and joining processes. A \$15.00 fee will be charged to each student. Only students who have completed Ag Welding will be admitted in this course. Students must be self-motivated and willing to work. Students must also pick up and complete an application. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

APPLIED LIVESTOCK MANAGEMENT**Prerequisite: Intro to Livestock****SEMESTER****GRADES OFFERED TO: 10, 11, 12**

This is a course that includes principles of livestock animal, production and management. Topics include units on health, evaluation selection, feeding and herd management. Includes a field trip to Theurer's Packing and guest speakers from the Ag Industry. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

**APPLIED GREENHOUSE & NURSERY MANAGEMENT
SEMESTER**

Prerequisite: Intro to Ag Plants

GRADES OFFERED TO: 10, 11, 12

This is a course designed to provide students hands on learning in a greenhouse environment. Students will be learning different areas of nursery operation and management. Areas covered include: Greenhouse and Nursery Management, Ornamental Plant Identification, Climate and Design, Turf Production, Nursery Crop Production, Bedding Plant Production, Floral Design and Salesmanship. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes. This does NOT count as a science credit.

**ADVANCED GREENHOUSE/FLORAL DESIGN
SEMESTER**

**Prerequisite: Applied Greenhouse
Fee: \$15.00**

GRADES OFFERED TO: 11, 12

This course is designed for those who have completed Applied Greenhouse Management. During this course, students will learn skills in plant cutting propagation, grow Poinsettia crop, propagate bulbs, design a landscape, and conduct an integrated pest management program. They will also learn the skills necessary to gain and maintain employment in the retail florist industry. Skills to be taught include historical contexts of visual arts, visual arts analysis, color, floral industry, tools of the floral trade, constructing floral arrangements, and sales and customer service. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes. 3 College credits available for this course from USU.

**ANIMAL SCIENCE
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 11, 12

Animal Science is an advanced course that is designed for students with a background from previous Animal Science courses. This course will involve the study of animal organisms, cell structure, tissues, systems and organs. Principles of genetics, breeding, reproduction livestock nutrition, animal health and management will be studied. This course will provide essential information for students planning to return to work with livestock or continue their education in Animal Science through college or other training. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

**AGRICULTURAL BUSINESS AND ECONOMICS
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 12

This course is designed to introduce the student to agribusiness management in the free enterprise system. It includes a study of economic principles, budgeting, record keeping, finance, decision making, risk management, business law, marketing and careers in agribusiness. This class is for students planning on a vocational degree following high school. This course will count as a Consumer Economics credit, but is not recognized by the NCAA for students who plan on participating in collegiate sports. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

**FFA LEADERSHIP
SEMESTER**

**Prerequisite: Must be an FFA member or
willing to join**

GRADES OFFERED TO: 10, 11, 12

This is a comprehensive course in developing premier leadership, personal growth and career success. This course is recommended for those students with an interest in FFA and a desire to prepare themselves with the skills needed to succeed in today's modern society. This course includes topics in personal development of interviewing and speaking skills, fostering a strong employee/employer relationship, group and individual interpersonal communications skills. Recommended for all FFA Officers. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

**WILDLIFE MANAGEMENT AND NATURAL RESOURCES
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 10, 11, 12

This course is designed to teach the concepts of resource conservation, natural resource management, ecology, and fish and wildlife science. This course will take a hands on approach as we study our ecosystem, natural resource, and the fish and wildlife we share the great outdoors with. The skill learned in this course are necessary to gain employment as a fish and game officer, national park ranger, soil and water conservation officer, and basic information and laws as they apply to hunting and fishing. Membership in the FFA and participation in a Supervised Agricultural Experience are strongly recommended for all students enrolled in Agricultural Science and Technology Classes.

**AGRICULTURAL NUTRITION AND FOOD SCIENCE
SEMESTER**

GRADES OFFERED TO: 10,11,12

Food Science is an applied science of food production, processing, transporting, storage, toxicology and quality control. Students apply the scientific method of discovery as they study the biological and chemical basis of food preparation, processing and preservation. Students also investigate the agricultural industries that make food production possible. This class is great preparation for the Food Science and Technology, and Dairy Foods FFA Career Development Events. Membership in the FFA recommended.

**Prerequisite: None
Fee: \$15.00**

AUTOMOTIVE TECHNOLOGY

**AUTOMOTIVE TECHNOLOGY I
SEMESTER**

GRADES OFFERED TO: 9, 10

This class is for any student wanting to learn about automotive and consists of an overview of theory and operation of power plant and supportive systems as well as the power train (transmission, clutch, drive line, and rear axle assembly). Also, electrical fundamentals are covered. Homework will take about 3 hours per week. Safety glasses worn in the lab at all times.

Prerequisite: None

**AUTOMOTIVE TECHNOLOGY II A & B
FULL YEAR**

GRADES OFFERED TO: 10, 11, 12

This course is for students who are interested in using the course as a means to gain an occupation and students wanting to learn about the automotive field or mechanical field should register. The cost of tools is from \$550.00 to \$750.00, and lab fees are \$20.00. Detailed instruction on methods of construction and design of various manufacturers will be pursued. Also, to be covered will be service and testing procedures, repetitive overall operations covering power plant, ignition systems, carburetion, fuel delivery systems, and charging systems. There will be related classes in theory coinciding with experience. For safety concerns jewelry and long hair will not be permitted.

**Prerequisite: Auto Tech I, Instructor approval
Fee: \$20**

**AUTOMOTIVE TECHNOLOGY III/IV A & B
FULL YEAR**

GRADES OFFERED TO: 11, 12

This is a continuation of Automotive Technology II. The course will consist of work on chassis and suspension, wheel alignment, wheel balancing, ride quality control, brake system, clutches, transmissions, drive line, and differentials. Emphasis on electronics and computer controlled automotive systems. A unit of automotive air conditioning is offered plus advanced tune-up, emission control systems, diagnostic procedure, and electronic scope analysis. For safety concerns jewelry and long hair will not be permitted.

**Prerequisite: Auto Tech II, Instructor approval
Fee: \$25.00**

BUSINESS/MARKETING/TECHNOLOGY/ENGINEERING DEPARTMENT

**ACCOUNTING 1 A & B
FULL YEAR**

GRADES OFFERED TO: 10, 11, 12

This course will provide the students with the fundamentals of a double-entry accounting system. Students will understand an accounting cycle of a sole proprietorship and merchandising corporation from source documents to financial statements. Students will also understand payroll accounting from calculating employee earnings and deductions to recording payroll liabilities and taxes. Uses online textbook. The course also incorporates a Personal Finance Simulation program to give the students a safe environment to learn the importance of saving and budgeting money.

Prerequisite: None

**ADVANCED ACCOUNTING
SEMESTER**

GRADES OFFERED TO: 11, 12

Students will build upon the accounting knowledge and skills from Accounting 1. Students will learn about accounting for depreciation, uncollectible accounts, inventories, and partnerships. Students will be introduced to QuickBooks. Students will be able to setup a new company, add vendors and customers, update inventory, process payroll, and complete period-end procedures using QuickBooks. At the end of the class, students will be invited to take the QuickBooks Certification Exam, which will provide a professional certification in QuickBooks. This course utilizes an online textbook.

Prerequisite: Accounting 1

INTRODUCTION TO BUSINESS
GRADES OFFERED TO: 9, 10, 11
SEMESTER

Prerequisite: None

Are you looking for an elective that explores several of the Business Marketing courses? You found it! This course will explore various aspects of a career in Business and/or running a Business. Through this course, you will be introduced to marketing, management, finances, and digital media design. Students will also learn about the student organization, Business Professional of America (BPA), and how it may benefit them, not only in a future business career, but in their overall education.

SOCIAL MEDIA MARKETING
GRADES OFFERED TO: 10, 11, 12
SEMESTER

Prerequisite: None

Social media has become a key part of our lives. Businesses utilize social media platforms to interact with customers. Having a basic understanding of how social media marketing works can help you make informed choices as a consumer, as well as plan for future careers in business and marketing. This NEW business course will provide students with a foundation and skill set in the evolving world of marketing using social media tools and marketing strategies. Topics covered include: 1) Principles of social media marketing and 2) How marketers conduct research, make decisions, and strategize to help sell goods and services using social media.

DIGITAL MEDIA DESIGN 1 (Photoshop)
SEMESTER

Prerequisite: Business Computer Applications

GRADES OFFERED TO: 9*,10, 11, 12

Are you interested in learning concepts that will prepare you for a career in marketing and design? Have you wondered how to repair a torn photograph, give a photograph the appearance of a painting, or how to color an old black and white photo? The focus of this class is photo editing using Adobe PhotoShop®. Students will explore ways to repair photos, combine photos, manipulate text, and incorporate elements of design into projects. At the end of the class, the students will be invited to take the Adobe Certified Associate (ACA) exam, which will provide a professional certification in Adobe PhotoShop®.

** 9TH grade students allowed 2nd semester under the contingency they successfully complete computer applications during 1st semester.*

DIGITAL MEDIA DESIGN 2 (Illustrator)
GRADES OFFERED TO: 10, 11, 12

Prerequisite: Digital Media Design 1 (Photoshop)

This is Part II of the Digital Media Design courses. Students will spend the semester building upon concepts taught in the first class, with focus on creating vector images in Adobe Illustrator®. Students will complete a variety of projects including designing and creating a logo, cartoon character, signs, etc. Students are required to have taken Digital Media Design 1 prior to taking this class. At the end of the class, students will be invited to take the Adobe Certified Associate (ACA) exam, which will provide a professional certification in Adobe Illustrator®.

DIGITAL MEDIA DESIGN 3 (INDESIGN)
GRADES OFFERED TO: 10, 11, 12

Prerequisite: Digital Media Design 2 (Illustrator)

This is Part III of the Digital Media Design courses. Students will spend the semester building upon concepts taught in the first two classes, with focus on InDesign as well as other Adobe products. Students will combine knowledge and skills from the previous digital media design courses in advanced level projects. Students are required to have completed Digital Media Design 1 and Digital Media Design 2 prior to taking this advanced level class. At the end of the class, students will be invited to take the Adobe Certified Associate (ACA) exam, which will provide a professional certification in an Adobe Product.

BUSINESS COMPUTER APPLICATIONS
SEMESTER

Prerequisite: None

GRADES OFFERED TO: Required 9th Grade

This course provides a necessary foundation for cross curricular student success. Emphasis is given to using business applications and applying file management. Students will have hands-on experience with Microsoft Office 365/2019 programs including utilizing OneDrive, Word, PowerPoint, and Excel and the opportunity to become certified in these as a Microsoft Office Specialist. Proper keyboarding technique is also reviewed, and daily time allotted to provide opportunity for students to increase their speed and accuracy.

BUSINESS MANAGEMENT
SEMESTER

Prerequisite: None

GRADES OFFERED TO: 10, 11, 12

A one semester course which provides students an introduction to a variety of essential business management and leadership skills. Problem-solving and decision-making tools and activities will be stressed and practiced through group and individual work. Emphasis will be given to utilizing tools of making good management decisions and running a successful business. A basic introduction to entrepreneurial concepts will be included.

**INTRO TO ENTREPRENEURSHIP
SEMESTER**

GRADES OFFERED TO: 10, 11, 12

Want to own your business? This one-semester course will provide an in-depth look into many of the necessary components of how to start and run your own business successfully. Lessons will be complemented with an interactive simulation utilizing these concepts in running your own virtual business.

Prerequisite: None

**INTRODUCTION TO ENGINEERING DESIGN
SEMESTER**

GRADES OFFERED TO: 9, 10,11, 12

In this course students explore the field of engineering through the engineering design process. Working in teams, students create models of product solutions with a focus on invention and innovation techniques. Students develop teamwork and communication skills as they analyze and present their product solutions. Activities include reviewing the design process, brainstorming, concept sketching, creating workable drawing, puzzle design project, and mouse trap car project.

Prerequisite: none

**PRINCIPLES OF ENGINEERING
FULL YEAR**

GRADES OFFERED TO: 9, 10,11, 12

This course is a hands-on applied math and science based learning experience. Students develop problem solving skills as they explore mechanical, civil, electrical, and chemical engineering principles. Highly recommended for students curious about a career in the field of engineering and engineering technology. Activities include calculating mechanical properties of gear and pulley systems, designing basic electrical circuits, exploring energy sources, applying static equilibrium principles to calculate truss forces, writing basic computer command code, and studying fluid power

Prerequisite: Intro to Engineering Design

CABINET MAKING

**CABINET MAKING
SEMESTER**

GRADES OFFERED TO: 9, 10

This course is for the student who is interested in woodworking but is not quite sure if they want a full year of cabinetmaking. Students will learn about: using hand tools; operating portable and stationary power woodworking machines; constructing wood joints; mechanical fasteners; measuring; sanding and finishing techniques; drilling and boring; and introduction to turning. Students desiring to move on in the Cabinetmaking program must take the 2nd Semester of Cabinetmaking 1 in order to do so. A lamp, pen, and shadow box are some of the options for projects.

Prerequisite: None

Fee: Projects \$40.00, possibly extra, dependent upon student project.

**CABINET MAKING I A & B
FULL YEAR**

GRADES OFFERED TO: Preference given to 9th and 10th

This course content will include the following: Instruction in using hand tools; operating portable power tools and stationary power woodworking machines; planing, designing and layout of cabinets and casework; constructing and assembling cabinet components; constructing joints; fastening stock and joints; constructing and installing cabinet drawers and doors; applying laminates; finishing surfaces; and basic safety rules and procedures. An oak night stand with raised panel doors and decorative millwork will be constructed. This course is open to all students. Students who pass with a B or better in both semesters will be eligible for a Technical Credit.

Prerequisite: None

Fee: Basic project \$59.00, plus extra features per request of student additional fee

**CABINET MAKING II A & B
FULL YEAR**

GRADES OFFERED TO: 10, 11, 12

The content is the same as Cabinet Making I with the following projects possible: Kitchen cabinets, bathroom vanities, gun cabinets, formica counter tops and fine furniture. More depth in content and techniques will be covered. Students who pass with a B or better in both semesters will be eligible for a Technical Credit.

Prerequisite: Cabinet Making I & Instructor approval

Fee: According to complexity of projects

**CABINET MAKING III A & B
FULL YEAR**

GRADES OFFERED TO: 11, 12

The course content is the same as Cabinet Making II, with more in-depth content, projects, and individual instruction. Students who pass with a B or better in both semesters will be eligible for a Technical Credit.

Prerequisite: Cabinet Making II & Instructor approval

Fee: According to complexity of projects

ELECTRONICS

ELECTRONICS 1

SEMESTER (Will count as Elective or Lab Science Credit)

GRADES OFFERED TO: 9, 10

Through interactive lecture, demonstration, and hands-on lab exercises, students are introduced to electrical theory, electrical generation, common electrical devices, basic series and parallel circuits. Additionally, students learn soldering by wire splicing and circuit board assembly with interesting kit building. Students are also introduced to tool usage and fabrication through project construction.

Prerequisite: None

Fee: \$8.00 + cost of extra kits chosen by student

ELECTRONICS 2 A & B

FULL YEAR (Will count as Elective or Lab Science Credit)

GRADES OFFERED TO: 9, 10, 11, 12

This class emphasizes learning through hands-on circuit building labs and creative projects that are balanced with interactive lectures, demonstrations, and lab exercises. Topics include energy production, introductory robotic assembly and programming, troubleshooting, Ohm's & Watt's law, series and parallel circuits, technical drawing, solenoids and relays, semiconductor introduction, and solderless connections. Students also learn light industrial fabrication by constructing a VCR car and a soldering station. Participation in the national SkillsUSA vocational organization is required. Students may select from a variety of activity levels including leadership, fundraising, project building, and electronics club meetings.

Prerequisite: Electronics 1

Fee: \$10.00

ELECTRONICS 3A & B

FULL YEAR (Will count as Elective or Lab Science Credit)

GRADES OFFERED TO: 10, 11, 12

Students deepen and broaden both academic and vocational learning through projects of increased complexity requiring greater fabrication, wiring, and soldering skills as well as understanding of more sophisticated circuit theory and operation. Students can prepare for the electrician's trade by learning residential wiring. Academic reinforcement of vocational skill is provided through study of alternating and direct current, digital and analogue circuits, power supplies, and discrete electronic components and circuit operation. Participation in the national SkillsUSA vocational organization is required. Additionally, students are also invited to enroll in SEITec charter school high school where they can experience enhanced subject learning and earn additional accreditation toward a second diploma upon high school graduation.

Prerequisite: Electronics 2

Fee: \$10.00

AUTOMATED MANUFACTURING AND ROBOTICS A&B

FULL YEAR

GRADES OFFERED TO: 11, 12

This course is integrated with the Bridgerland Applied Technical College (BTECH) 900 hour certificated course in automated manufacturing. After graduation, students can move directly into the BATC program and earn an associate degree in Applied Science. This class includes a variety of hands-on labs where students build electronic circuits, write computer code, program small computers, learn to design in SolidWorks 3-D, and operate a 3-D printer. Additionally, students program and operate a Yamaha SCARA industrial robot, receiving experience for factory manufacturing. This is an excellent course for students who are interested in robotics, engineering, manufacturing, or any STEM education field. Participation in the national SkillsUSA vocational organization is required. Additionally, students are also invited to enroll and/or continue in SEITec charter school high school where they can earn additional accreditation toward a second diploma upon high school graduation.

Prerequisite: Electronics 1

Fee: \$15.00

AUTOMATED MANUFACTURING AND ROBOTICS (Zero Hour)

FULL YEAR

GRADES OFFERED TO: 11, 12

This program is a part of BTECH's Automated Manufacturing Program. You can receive Credit for both PHS and towards a BTECH Automated manufacturing certificate. BTECH courses in this Program are free while students take it in High School.

Prerequisite: Electronics 2

Fee: \$15.00

The Automated Manufacturing certificate prepares both experienced and inexperienced students with the necessary skills to become maintenance technicians in an automated manufacturing environment. The self-paced, competency-based curriculum provides extensive hands-on training, text work, computer simulation, collaborative learning, and one-on-one teacher to student training. This certificate introduces students to relevant topics such as electrical controls, fluid power systems, industrial mechanics, motor alignment and wiring, PLC programming, robotics, and other technologies. This program supports the Bridgerland Technical College mission to deliver competency-based, employer-guided career and hands-on technical education to the Bear River Region.

FAMILY AND CONSUMER SCIENCES

TEEN LIVING SEMESTER

GRADES OFFERED TO: 9, 10

Teen Living focuses on students and their relationships involving family, school, and community. This class helps teens make the transition from adolescence to adulthood. The emphasis of this course is to build on skills in the areas of personal development, nutrition and wellness, career choices, clothing management and basic sewing skills, FCCLA (Family, Career, and Community Leaders of America) leadership activities are included. This course is designed for freshmen or sophomore students. A lab fee is charged to cover food expenses and some sewing supplies. Students may elect to purchase additional sewing materials.

Prerequisite: None
Fee: \$18.00

NUTRITION AND FOODS SEMESTER

GRADES OFFERED TO: 10, 11, 12

Nutrition and Foods is a beginning one-semester course designed to address nutrition and personal lifestyle habits. This class includes study of nutrition and wellness, food safety and sanitation, food preparation techniques, meal management skills, consumer skills, etiquette, and career options in nutrition and related fields. This course is a prerequisite for Culinary Arts. This class is designed for 10th, 11th and 12th grade students. A lab fee is charged to cover food expenses.

Prerequisite: None
Fee: \$20.00

ADULT LIVING/PARENTING SEMESTER

GRADES OFFERED TO: 11, 12

The Adult Living class focuses on the young adult as an individual preparing for responsibilities in a home, family, community, and work environment. The student will gain relationship and life skills, financial management skills, leadership and basic sewing skills are taught in this course. FCCLA (Career and Community Leaders of America) is included. This course is designed for 11th and 12th grade students. A fee is charged to cover project expenses. The parenting portion covers parenting choices and decisions, parenting styles, anatomy review, pregnancy stages of fetal development, physical, emotional, social, and intellectual development of infants and young children. Best practices of guidance and care are included in this class and the student will have the opportunity to care for an electronic baby for a weekend. Positive parenting relationships are strengthened through this class.

Prerequisite: None
Fee: \$18.00

HOUSING, INTERIORS, AND FURNISHINGS SEMESTER

GRADES OFFERED TO: 11, 12

Housing, Interiors and Furnishings is a one semester course designed to provide students with information about planning, building, purchasing, and designing a home for living, working and relaxing. Principles of design are applied to the structure, interior rooms and the exterior and landscaping. This course introduces students to a wide range of occupations within the housing, interior and furnishings industry. Fall Semester, please plan for the architectural walking tour.

Prerequisite: None
Fee: \$10

FASHION STRATEGIES SEMESTER

GRADES OFFERED TO: 9-12

Fashion Strategies is a new class for beginners that teaches career exploration, apparel design skills, analyzing fiber and fabric, apparel construction, product development and production, and merchandising, marketing, and promotions. This is a new pathway course sequence called Apparel and Textiles for Family and Consumer Sciences Education.

Prerequisite: None
Fee: TBD

FASHION AND TEXTILES SEMESTER

GRADES OFFERED TO: 10, 11, 12

This is the second course in the apparel and textiles pathway sequence. This course prepares individuals to understand the psychological aspects of clothing and textiles, and introduces the students to: 1) basic clothing construction techniques, 2) clothing care and maintenance, 3) textiles information and 4) consumer skills.

Prerequisite: Fashion Strategies
Fee: \$15

HEALTH PROFESSIONS

HEALTH SEMESTER

Prerequisite: None

GRADES OFFERED TO: Required for ALL Sophomores

This is a required course. Students will: comprehend and demonstrate knowledge of the core concepts related to health promotion and disease prevention to enhance health including Alcohol, Tobacco, E-Cigs, Drugs, Nutrition, Physical Activity, Injury Prevention, Safety, Mental Health, Emotional Health, Suicide & Prevention, Healthy Relationships, Social Health, Control of Disease, STDs, HIV, AIDS, Sexuality, Abstinence, Consumer & Community Health, Growth, Reproduction, Development, Family Life, Environmental Health. Students will also analyze the influence of family, peers, culture, media, technology, and other factors on health behavior. Demonstrate the ability to access valid information, products, and services to enhance health. Demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks. Demonstrate the ability to use decision-making and goal-setting skills to enhance health. Demonstrate the ability to advocate for personal, family, and community health.

CNA – CERTIFIED NURSING ASSISTANT SEMESTER

Prerequisite: Fundamentals of Health Professions, Medical Terminology

GRADES OFFERED TO: 11, 12

Fee: (Uniform, Workbook, and State Tests)

This course is responsible for teaching students the responsibilities of a nursing assistant. Included in this course will be a review of duties and assignments expected of a CNA. This will include steps for maintaining sanitary facilities and assisting with patients when requested. Some of the training may take place in the Franklin County Medical Center. This course is offered to any student who is making plans to become a Licensed Practical Nurse. ISU and other Idaho tech schools require that a student complete a CNA class before they will be admitted into an LPN course. Students must take Fundamental of Health Professions as a sophomore or junior, or they will not be allowed to enroll in CNA. Students must assume the cost for shots and prepare to sit for boards and certification.

PSYCHOLOGY SEMESTER

Prerequisite: None

GRADES OFFERED TO: 10, 11, 12

This course is an introduction to the field of psychology. Psychology is the study of human behavior. Students will learn about the process by which psychologists investigate behavior and the various theories of that have resulted. The course is designed to supply students with information about behavior that is useful in everyday life and to expose them to the various careers within the field of psychology. Topics will include: the science of psychology, developmental psychology, the nervous system and brain, sleep and dreams, sensation and perception, learning and memory, thinking and language, and motivation and emotion. and psychological testing. Students will carry out a psychological experiment.

PSYCHOLOGY II SEMESTER

Prerequisite: None

GRADES OFFERED TO: 10, 11, 12

This course is an introduction to the field of psychology. Psychology is the study of human behavior. Students will learn about theories of personality, stress and health, psychological disorders, therapies, individual interaction, group interaction, attitudes and social influence, psychological testing, and careers in psychology. Students will carry out a psychological experiment and prepare a detailed presentation about a psychological disorder. This is a fascinating class designed to help students understand their own and others behavior.

CONCURRENT PSYCHOLOGY 101 SEMESTER

Prerequisite: None

GRADES OFFERED TO: 11, 12

This course provides an introduction to the scientific study of the human experience. Through exposure to the diverse sub-disciplines of psychology such as neuropsychology, life span development, social psychology, thinking, language and intelligence, motivation and emotion, health and human flourishing, and psychological disorder, students gain greater understanding of themselves and the world around them. With emphasis on scientific inquiry and ethical and social responsibility, students taking this course enhance their academic skills, develop knowledge of the discipline, and have opportunities to communicate their understanding with peers, faculty, and professionals in the field.

**FUNDAMENTALS OF HEALTH PROFESSIONS
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 9, 10, 11, 12

REQUIRED FOR ALL HEALTHCARE CLASSES

This course is the gateway course for all Professional Technical Education (PTE) Courses under the healthcare cluster. Units on Medical Terminology, Anatomy and Physiology, Infection Control, Healthcare Provider CPR, Job Skills, and Healthcare Careers are emphasized. Much of the course is hands-on, and gives students a wide variety of experiences to aid them in choosing healthcare careers. Offers dual credit opportunity for 2 college credits through CSI.

**EMERGENCY MEDICAL RESPONDER A & B
FULL YEAR**

**Prerequisite: Fundamentals of Health Professions/
Current Healthcare Provider CPR/**

GRADES OFFERED TO: 10, 11, 12

The EMR course was developed to help patients receive appropriate emergency medical care before they reach the hospital. Emergency Medical Responders are an essential part of pre-hospital care, providing first aid, assessment, and treatment at the scene of an accident or illness. EMR is required for students who are serious about taking and passing the EMT course. Many of the basic skills and knowledge needed to pass EMT are taught in the EMR course.

Students will receive specialized training in the following areas: Personal Safety, Medical/Legal and Ethical issues, Lifting and Moving Patients, Airway Management, Anatomy and Physiology to assess and treat victims of accident or illness, Ambulance Operations, Rescue Operations, Triage, Mass Casualty Operations, Incident Command and Hazardous Materials. Students must have a high standard of moral and ethical behavior and possess the maturity to discuss and practice assessment and treatment of the human body. The ability to maintain patient confidentiality and to act in a professional manner is mandatory.

Students can receive National Registry certification after successfully passing the course. EMR's are employed by fire departments, sheriff's offices, in industrial settings, Search and Rescues, on ambulance crews, etc. Students may begin running with the Franklin County Ambulance Association upon certification. ***CAPSTONE COURSE - ELIGIBLE FOR GRADUATION FROM SEITec***

**BASIC EMT A & B
FULL YEAR**

**Prerequisites: Fund. of Health Profess. /Current Healthcare
Provider CPR/ Must have passed National Registry EMR. Must
have taken Medical terminology to get the CSI credit.**

GRADES OFFERED TO: 11, 12

The Emergency Medical Technician Course (EMT-B) is the required course of study to prepare students to take the National Registry of Emergency Medical Technicians Exam. Passing the NREMT also makes reciprocity with 45 other states available. Job opportunities with this training and certification vary from industrial sites to fire departments, to hospital emergency rooms. EMT Certification is also beneficial when applying for acceptance into other healthcare training programs.

Students will receive specialized training in the following areas: Personal Safety, Medical/Legal and Ethical issues, Lifting and Moving Patients, Airway Management, Anatomy and Physiology to assess and treat victims of accident or illness, Ambulance Operations, Rescue Operations, Triage, Mass Casualty Operations, Incident Command and Hazardous Materials. Students must have a high standard of moral and ethical behavior and possess the maturity to discuss and practice assessment and treatment of the human body. The ability to maintain patient confidentiality and to act in a professional manner is mandatory. Offers dual credit opportunity for 10 college credits through CSI. ***CAPSTONE COURSE - ELIGIBLE FOR GRADUATION FROM SEITec***

**SPORTS MEDICINE 1
SEMESTER**

**Prerequisites: Fundamentals for Health Professions
Fee: TBD**

GRADES OFFERED TO: 10, 11, 12

This course is designed to be an introduction to athletic training and sports medicine. This course will provide students with the basic knowledge needed to assist in sports related injuries by addressing universal precautions and blood borne pathogens, mechanisms of injury, the body's response to injury, on the field care, and off the field evaluation. In addition, students will gain knowledge in therapeutic modalities and rehabilitation techniques. The students will also learn and be able to perform basic tape jobs.

**SPORTS MEDICINE 2 A & B – Rehabilitation Services
FULL YEAR**

**Prerequisites: Fundamentals for Health
Professions, Sports Medicine 1
Fee: TBD**

GRADES OFFERED TO: 11, 12

This course is a continuation of Sports Medicine. This course will introduce students to the basic knowledge, skills, and attitudes for success in the field of exercise science at the aide and/or assistant level. Content includes terminology, clerical, technical and therapeutic methods, and the roles/responsibilities of each member of the team. Additionally, identifying specific injuries including the anatomy of injuries will be discussed. As part of this class, students will be expected to obtain at least 30 hours of clinical experience. ***CAPSTONE COURSE - ELIGIBLE FOR GRADUATION FROM SEITec***

**DUAL CREDIT MEDICAL TERMINOLOGY
SEMESTER**

Prerequisites: "B" or better in Biology

This course provides students with the building blocks of basic medical language. Such understanding will facilitate learning of scientific and medical principles encountered during more advanced career preparation. Relationship of word parts to their anatomical counterparts are studied. Rules for combining word parts into complete medical terms are stressed. Accurate pronunciation and spelling of word parts and complete terms are emphasized throughout the course. Course is concurrent enrollment with Utah State University.

SCIENCE

**PHYSICAL SCIENCE A & B
FULL YEAR**

Prerequisite: None

GRADES OFFERED TO: 9

This course is designed as a general introduction to the physical sciences. It will cover the basics of chemistry and physics. The course is only offered to freshmen. It will give students a strong foundation for science. Emphasis will also be placed on current events in science. Physical Science does not qualify as a lab science. At least 2 hours of homework can be expected per week.

**BIOLOGY A & B
FULL YEAR**

Prerequisite: None

GRADES OFFERED TO: 10

Biology is one of the courses that can be counted as a laboratory science. Students will be introduced to cellular, invertebrate, vertebrate, and plant biology, ecology, genetics, and the human body. Dissecting of preserved specimens is a required part of this course.

**CHEMISTRY I A & B
FULL YEAR**

Prerequisite: Algebra I, passed Physical Science

GRADES OFFERED TO: 10, 11, 12

A course in Chemistry should be taken by all students who are seriously thinking about college. Among the topics covered are the following: (1) atomic structure and the periodic table, moles and measurement, scientific notation, (2) electron energy levels and nuclear chemistry, (3) chemical bonding types and properties, (4) conservation of mass and energy, chemical equations, (5) chemical equilibrium, reaction rate, (6) solutions, acids, and bases. A laboratory will be held on the average of once a week. No fee is assessed, but the students will be required to pay for poor housekeeping habits in the laboratory and any lost or broken equipment.

**CHEMISTRY II A & B
FULL YEAR**

**Prerequisite: "B" or better in Chemistry I
Instructor approval**

GRADES OFFERED TO: 11, 12

This course will be a more in-depth look at chemistry. There will be a brief review of Chemistry followed by more in-depth look at topics of chemistry and biochemistry. Students should have finished or be taking Algebra II. No fee is assessed, but the students will be required to pay for poor housekeeping habits in the laboratory and any lost or broken equipment.

**ANATOMY AND PHYSIOLOGY A & B
FULL YEAR**

Prerequisite: "B" or better in Biology

GRADES OFFERED TO: 11, 12

In this course you will study the structure and function of the human body. Workings of the major organ systems of the body is undertaken. A considerable amount of memorization such as major bones and muscles of the body is required. The working of such organ systems as circulation, respiration, excretion, etc., is studied. Laboratory work will be included. A field trip to a cadaver lab is a required part of this course. Do not sign up for the course unless you had at least a "B" average in biology.

**FORENSIC SCIENCE A & B
FULL YEAR**

Prerequisite: BIOLOGY

GRADES OFFERED TO: 11, 12

Forensic Science is the application of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. This class will offer incredibly engaging labs and activities that are designed to keep the interest of today's modern students, while still offering them rich content that is focused on real-world investigations and case studies. Students are encouraged to collaborate and explore in a student-directed learning environment.

**ZOOLOGY
SEMESTER**

Prerequisite: "B" or better in Biology

GRADES OFFERED TO: 11, 12

In Zoology, we will learn about sponges, jellyfish, flatworms, roundworms, mollusks, annelids, arthropods, insects, echinoderms, hemichordate and invertebrate chordates, fishes, amphibians, reptiles, birds, mammals, and if time discuss protection, support, and movement, nervous and sensory systems, endocrine system, circulation and gas exchange, nutrition and digestion, temperature and body fluid regulation, and reproduction and development. We will be focusing on species native to Idaho as much as possible.

SOCIAL STUDIES

**WORLD HISTORY 1
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: Required 9th Grade

This required semester-long course will introduce students to a wide variety of world cultures and the major events and developments of human history. Through the use of readings, discussions, projects, and research, students will gain a better understanding of world history and how it affects every day life. Some time periods and events that will be studied include: ancient Greece, the Roman Empire, the Middle Ages, European Civilization, the Enlightenment, and more recent developments.

**WORLD HISTORY 2
SEMESTER**

Prerequisite: None

GRADES OFFERED TO: 9,10,11,12

In this semester-long course students will continue learning about a wide variety of world cultures and the major events and developments of human history. Through the use of readings, discussions, projects, and research, students will gain a better understanding of world history and how it affects every day life.

**U.S. HISTORY A & B
FULL YEAR**

Prerequisite: None

GRADES OFFERED TO: 11

This required year-long course is designed to help the student understand that our country emerged from a combination of many races, nationalities, and religions to become the century world power. A modern contemporary problem-solving approach will be used to focus on America from the Industrial Revolution to the present time.

**CONCURRENT U.S. HISTORY A & B
FULL YEAR**

Prerequisite: Instructor approval

OFFERED TO GRADES: 11, 12

This course is designed to be challenging and to provide the equivalent of a college level experience for students. It is possible for students to meet the requirements of the ISU concurrent classes to earn up to six semester hours of university credit. Students will explore United States History from the pre-Columbus period to the present. Emphasis will be placed on interpreting documents, mastering significant amounts of factual information, and thinking critically. To receive credit students must pay tuition for the concurrent credit. There is a text fee each semester for primary source documents. Students need to purchase to read, *The American Revolution: A History* by Gordon S. Wood, ISBN 978-0-8129-7041-8; for HIST 1111.

**AMERICAN GOVERNMENT A & B
FULL YEAR**

Prerequisite: None

GRADES OFFERED TO: 12

American Government is a full-year study of the structures, processes, and issues of national, state, and local government.

**CONCURRENT AMERICAN GOVERNMENT A & B
FULL YEAR**

Prerequisite: Instructor approval

GRADES OFFERED TO: 12

Concurrent American Government is a college level course for 12th grade students. The course will cover all aspects of government in the United States, including: constitutional underpinnings, political beliefs and behaviors, political parties and interest groups, the institutions (Congress, the presidency and the federal courts), and civil liberties and civil rights. Students will be required to do extensive out-of-class reading, write essays, and do research. This is primarily a class for college-bound students and admission is on a competitive basis.

ECONOMICS**Prerequisite: None****SEMESTER****GRADES OFFERED TO: 12**

This required semester-long course will introduce students to the basic principles of Economics through the use of projects, readings, journals, and discussions. Some major areas include the study of economic systems, money, laws of supply and demand, the stock market, banking, household budgeting, government policy, and the relationship between environmental issues and economic interests.

CURRENT EVENTS**Prerequisite: None****SEMESTER****GRADES OFFERED TO: 9,10,11,12**

The purpose of this course is to provide and understanding of the importance of daily events and to show how these events affect us as individuals. This course uses the newspaper as a major resource. International, national, state, and local items are examined with the intent of interpreting the significance of these events. This course attempts to place current events within a historical perspective and suggests future implications of these events. Each student is expected to keep up with local, state, national and international news.

SPECIAL SERVICES-ASSISTED STUDIES

The Resource Room is a place where students who experience difficulties in their educational progress are assisted in several areas so they can be successful at Preston High. Students must be screened and meet eligibility requirements so there is not open registration for the courses. Students who attend resource do so under the guidance of an Individualized Educational Program, (I.E.P) which is created by a team of educators and parent(s)/guardian(s) known as the IEP team. This team consists of administrators, counselors, psychologists, classroom teachers, resource specialists, parent(s)/guardian(s), and, of course, the student. The I.E.P. outlines which resource classes a student is entitled to take and details specific educational supports and accommodations that will be made in the regular curriculum and extra-curricular activities so that a student can be successful at the high school. Preparing for successful employment after graduation is also part of the resource room. Students have a transition plan which details specific goals that need to be met so a student can graduate prepared for employment. Students who qualify are referred to Vocational Rehabilitation Services. This service works with students to prepare for college or employment.

The Resource Teacher facilitates the curriculum of the resource room, acts as case manager of the I.E.P. and transition plans for all students in the resource room, ensures that each I.E.P. is updated at least yearly, verifies that students in the resource room actually qualify to be served, and is the facilitator of various resource classrooms.