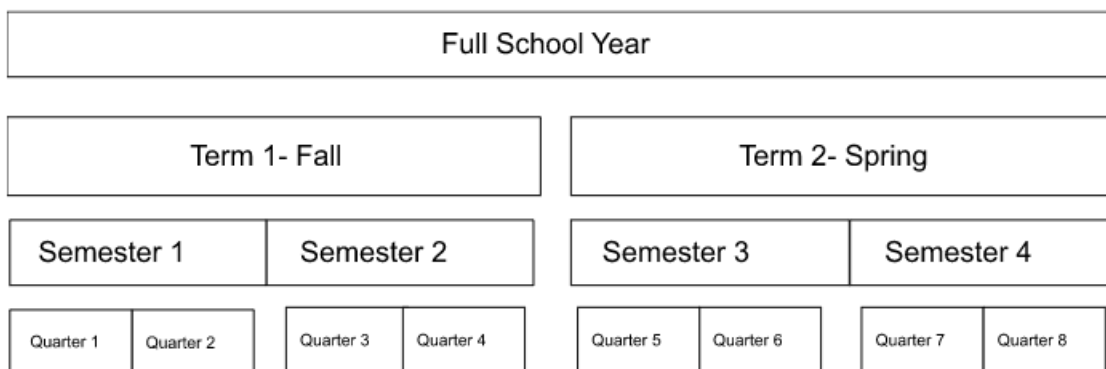




POWELL COUNTY HIGH SCHOOL
CURRICULUM HANDBOOK
2023-2024

Terminology



Block- A block course takes place for 90 minutes per day. 1 credit is earned in a term

Modified Block- A course that takes place for 45 minutes per day for a full school year. 1 credit is earned in a full school year.

Curriculum- Curriculum is the learning progression that students experience in school. MT State law defines the board's responsibility in regards to curriculum as "Each school district shall make available to the staff and public:

(b) sequential curriculum for each program area that aligns to the content standards, specific grade-level learning progressions, and program area standards." At PCHS we are part of the [Golden Triangle Curriculum Cooperative](#) and our curriculum is developed collaboratively through them and with other rural Montana schools. To view our curriculum, please [click here](#) or visit our website

ENGLISH

ENGLISH I - Modified Block, Full Year Course- 1cr.

English I is a freshman level course that lays the foundation for students progression through the English curriculum while simultaneously teaching skills they can use in all high school coursework. Students will refine the writing techniques they've learned in middle school, with a focus on formal and informal writing. Assignments will include research writing as well as personal narrative, argumentative, character analysis, and comparison-contrast essays. All formal writing assignments will require students to study and use MLA format. In addition to writing assignments, students will have assigned readings that will require them to use active reading strategies. These assigned readings include a variety of styles, including short stories, novels, dramatic plays, poetry, and nonfiction. Finally, students will study literary terminology, review and reinforce grammar and mechanics concepts, and study vocabulary.

Prerequisite: 9th grade required.

ENGLISH II - Modified Block, Full Year Course- 1cr.

Sophomore students will focus on writing well-developed paragraphs as well as longer essays. Essay styles will include persuasive, expository, and narrative. Students will investigate literature and engage in a review of literary elements centered around classic literature. Students will also study drama, including a play by William Shakespeare. Other genres will be studied throughout the year, with a focus on both Science Fiction and Realism. Students will study Greek and Latin roots in order to incorporate more complex vocabulary into their writing. Assessments will be given in order to determine which grammar, spelling, and punctuation lessons are appropriate for students in this course.

ENGLISH III - Modified Block, Full Year Course- 1cr.

Junior students will practice and hone their writing skills to expand their writing into longer, more detailed/complicated writings. Specifically, students will practice argumentative, comparison-contrast, expository, memoir, creative, and poetic forms of writing. Focus for the literature portion of the class will include a historical review of American literature from its earliest conception with Native American literature through contemporary American authors including Young Adult Literature. Novels, short stories, poetry, science fiction, historical fiction, nonfiction, and primary documents will all be used. Throughout the year, students will study literary terminology, review and reinforce grammar and mechanics concepts, and supplement their classroom learning with outside reading projects.

Prerequisite: 11th grade required.

ENGLISH IV - Modified Block, Full Year Course- 1cr.

Senior students will refine and adapt their writing skills to create literary analysis essays as well as longer research projects. During the first quarter, students will engage in a literary study of two novels. In the second quarter, students will study Shakespearean and contemporary drama. In the third quarter, students will write a longer research paper dealing with bioethics. A longer work of contemporary nonfiction is the cornerstone of the reading in this quarter, but students will also read ethical and scientific texts. In the fourth quarter, students will study a landmark work of Science Fiction and create shorter research papers about the economic and social topics within. Assessments will be given in order to determine which grammar, spelling, and punctuation lessons are appropriate for students in this course.

AP ENGLISH LANGUAGE AND COMPOSITION (AP Humanities)- Full year - 1cr.

This is a year-long course that runs concurrently with AP Government. Students who participate in the AP English Language and Composition class will have the opportunity to take AP tests in the spring. Students who pass these AP examinations will be awarded college credit. The reading material for this class includes nonfiction essays, persuasive essays, contemporary journalism, historical documents, and opinion articles. As part of this course, AP students will complete timed writing exercises. This course covers issues that

many students find controversial, so students who enroll in this course must be prepared to handle these issues with grace and maturity. Students seeking a reading and writing experience that will prepare them for college should strongly consider taking this course

Prerequisite: 12th grade standing

Corequisite: AP Government

JOURNALISM and MEDIA - Block- 1 Term Course- 1cr.

Journalism is a year-long course designed for students interested in news journalism and developing their skills as a writer by drafting and publishing articles in the school's annual yearbook. The course incorporates extensive research skills, investigative reporting, expository, argumentative, and journalistic writing skills, the writing process, and problem solving techniques. Students work as a collaborative team to brainstorm school issues, select articles, create layouts, maintain a working budget, and promote the annual yearbook to the school. In addition, the staff will also utilize their skills as photographers, artists, desktop publishers, and business students who are responsible for the visual and budgetary aspects of the annual. Students will also learn to use the internet for obtaining and making graphics and artwork. Students will master graphic and text manipulation as well as fine-tuning their photography and typing skills. The course explores contemporary media and the ethical responsibility issues inherent in the press today. Students will learn the fundamentals of news, feature, editorial, and sports writing. Copy reading, style, and editing will also be stressed.

MATHEMATICS

PRE-ALGEBRA (Title I Math) - Modified Block, Full Year Course- 1cr.

This year-long course is designed for freshmen who are not ready for Algebra I and need a bridge between 8th grade mathematics and Algebra I. This course will be a review of the four basic operations with all the numbers sets, learning the properties in mathematics and how to apply those properties when simplifying expressions and solving equations. Students will develop an understanding of ratios, rates, proportions, percent, and similar figures. Students will be introduced to the basic algebra concepts such as: writing and graphing equations, simplifying expressions with exponents, and learning how to use the four operations with polynomials. Students will learn the basic geometric concepts by finding area, perimeter, and volume of various shapes. Students will have an understanding of the Pythagorean Theorem and how to use it to find a missing side in a right triangle. Overall, this class will give students the knowledge so they can be successful in Algebra I.

Prerequisite: 9th grade standing, test scores, parent and teacher recommendations.

ALGEBRA I - Modified Block, Full Year Course- 1cr.

This course deals with the following mathematical concepts: an introduction to the real number system, using variables to solve linear equations and inequalities, solving systems of equations with two unknowns, graphing functions, solving quadratic equations by both completing the square and the quadratic formula, and solving word problems. Students taking Algebra I should be able to work with both abstract and modern algebraic concepts.

Prerequisite: Pre-Algebra or 9th grade standing. Freshman placement based upon the entrance exam.

GEOMETRY - Modified Block, Full Year Course- 1cr.

Geometry is a system of mathematics, which is carefully built upon undefined terms, definitions, postulates, and proven theorems. The student will become aware of inductive and deductive reasoning by developing formal geometric proofs. The geometric concepts discussed are: point, line, plane, parallel lines, congruence, similar figures, and triangles, types of quadrilaterals, circles, prisms, pyramids, cylinders, and cones. Also included is an introduction to logic and trigonometry.

Prerequisite: Algebra I. Freshman placement based upon entrance exam and/or teacher recommendation.

ALGEBRA II - Modified Block, Full Year Course- 1cr.

Algebra II is a preparatory two-semester course which can be foundational for future mathematics study for some students or the culmination of high school math for others. The major units will include (1) Equations and Inequalities with an emphasis on Linear Relations and Functions along with Systems of Equations and Inequalities; (2) Quadratic, Polynomial, and Radical Functions and Relations; (3) Advanced Functions and Relations including Exponential, Logarithmic and Rational along with Conic Sections; and (4) Discrete Mathematics including Sequences and Series, Statistics and Probability. A TI-83/84 Graphing Calculator will be used throughout the course.

Prerequisite: Algebra I and Geometry

PRE-CALCULUS - Modified Block, Full Year Course- 1cr.

Pre-Calculus is a preparatory two-semester course for the college bound student. This course is intended to prepare junior students for AP Calculus AB as seniors, but will also be beneficial to seniors whose future plans involve majors which will require at least one Calculus course in college. A TI-83/84 Graphing Calculator will be used throughout the course. Pre-calculus includes the study of linear, polynomial, exponential, logarithmic and trigonometric functions and conic sections. Algebra topics include solving polynomial, exponential and logarithmic equations and quadratic and rational inequalities, graphing all of the functions and conic sections, and algebra applications. Trigonometric topics include right triangle trigonometry and applications, trigonometric graphs, identities, the Law of Sines and Cosines and polar coordinates.

Prerequisite: Successful completion of Geometry and Algebra II with a minimum of 80%.

AP CALCULUS - Modified Block, Full Year Course- 1cr.

AP Calculus AB is a two-semester course for the college bound student. Students are expected to take the AP Exam in early May with the opportunity to earn college credit with a qualifying score of 3 or above. It will especially be helpful for the student whose college plans involve mathematics, sciences or engineering. Calculus deals with calculating things that change at variable rates. The four concepts which help do this are Limits, Derivatives, Definite Integrals, and Indefinite Integrals. Pre-calculus review is embedded throughout the course. Topics include but are not limited to Limits and Continuity, Definition of Derivative and Difference Quotient, Implicit Differentiation, Curve Sketching, Applications of the Derivative, Riemann Sums and Applications of Integration. A TI-Nspire CAS Graphing Calculator is utilized throughout the course.

Prerequisite: Successful completion of Pre-calculus with a minimum of 80%.

MATH LAB- Block- 1 Term Course - 1 cr.

This course is designed as test prep for students who are taking dual credit or AP math courses.

Prerequisite- Instructor & principal approval

SCIENCE**PHYSICAL SCIENCE -Block- 1 Term Course - 1 cr.**

Physical Science is a year-long course designed to relate scientific concepts and processes to everyday life. Students will explore earth science systems and environmental issues; basic chemical and biological processes; matter and energy; and atomic and molecular structures. Students will develop an understanding of basic laboratory skills; dimensional analysis and SI measurements; data analysis using tables and graphs; digital citizenship and collaborative problem solving.

9th grade, required.

BIOLOGY- Block- 1 Term Course- 1cr.

In this required course, students will explore the principles of life as we know it on Earth. Students will use computer based and traditional laboratory techniques to obtain, organize, analyze data, and answer essential questions focused on life-long learning and deep understanding. The course is divided into four major sections: biological energy, DNA and genetics, evolution, and ecology.

10th grade, required.

ANATOMY AND PHYSIOLOGY- Block- 1 Term Course- 1cr.

Students will explore the human body and learn about the interaction of different systems responsible for keeping us alive. This course will focus on the major systems of the human body, their structures, and how they function together to maintain homeostasis. During the course students will: dissect fetal pigs, compare preserved mammalian anatomical structures, build models of various organs and muscle systems, and conduct research on diseases and disorders of the human body. Anatomy and physiology is a corequisite for the medical internship program, but students do not have to be enrolled in the internship to take this course.

Prerequisite: 11th -12th grade standing; B minimum in Biology.

CHEMISTRY- Block- 1 Term Course- 1cr.

Chemistry is a year-long college preparatory course designed to examine the structure of matter at the atomic and molecular levels, as well as the relationship between matter and energy. The various interactions between particles at the atomic level will be explored by experimentation and team problem-solving exercises, as well as through traditional lecture. Some topics covered as part of this exploration will be: development of modern atomic theory and the periodic table, gas laws, chemical formulas and equations, stoichiometry, acid-base chemistry and reaction kinetics. This course is a prerequisite for Physics.

Prerequisite: 11th -12th grade standing; 80% or better in Biology and concurrent enrollment in Algebra II.

FIELD ECOLOGY- Block- 1 Term Course- 1cr.

This elective science course will allow students to learn the basic measurements scientists use for ecological field research, focusing on terrestrial and freshwater ecosystems. Ecology intersects the big three sciences: earth, physical, and biology. This course will benefit all students interested in careers in the sciences, especially wildlife biology, game management, and forestry. The course examines how organisms interact with living and nonliving factors found in their environment. Students will conduct field research and need to be prepared to get their hands dirty and attend class outdoors, possibly during inclement weather. Cottonwood Creek and the Outdoor Learning Area will be used as living laboratories. Chemistry and/or zoology are recommended as complementary courses. Prerequisite: 11th-12th grade standing; physical science and biology.

FORENSIC SCIENCE - Block- 1 Term Course- 1cr.

This elective science course provides students with general conceptual knowledge and basic lab skills associated with forensic science. The course provides students with strong connections to real-world situations and career opportunities. Forensic science involves discussion of a variety of crimes, the evidence associated with those crimes, and how that evidence is collected, processed and presented in the legal system. The course is offered in the spring of odd-numbered years. Prerequisites: 11th-12th grade standing; physical science and biology. Parental consent is required for students under the age of 18.

PHYSICS - Block-1 Term Course- 1cr.

Physics is a year-long college preparatory course designed to examine the interactions of matter and energy on a macroscopic level. The mechanics of motion, force, momentum and energy will be studied through lecture, guided experimentation and open inquiry assignments. Waves, light, and electrical and magnetic phenomena may also be studied, in a similar manner. Students will be evaluated through quizzes, group projects and individual projects. Prerequisite: 12th grade standing; 80% or better in Algebra II and Chemistry. Concurrent enrollment in Pre-Calculus is also encouraged.

ZOOLOGY- Block- 1 Term Course- 1cr.

This elective science course provides students with a basic understanding of animals, the niche they occupy in their environment, their life cycles, and their evolutionary relationships to other organisms. The class increases the depth of knowledge taught during biology by taking students on a tour of the tree of life from echinoderms to flatworms through chordates and primates. Students will learn about the many types of animals, how they interact in their environment and the shared evolutionary relationships between all animals. This course will be taught using lectures and project-based learning. Prerequisites: 11th-12th grade standing; physical science and biology. Field ecology is recommended as a complimentary course.

SOCIAL STUDIES

WORLD HISTORY- Block- 1 Term Course- 1cr.

World History is a one-year class focused on 10 different civilization groups & time periods in recorded history beginning with the Paleolithic and Neolithic Age and ending with the vikings. This course covers both Western and Eastern Civilizations. The instructional methods used are lecture, written assignments, reading, group study, group discussions, oral and written reports, and film.

Prerequisite: 9th-10th grade standing.

CURRENT EVENTS- Block- 1 Term Course- 1cr.

This is a one-semester class with a focus on present day news events. Instructional methods used include 100 current event questions to be researched weekly, diary of news events daily, class discussions, oral reports and critiques of news programs and newspapers. Evaluation is based upon weekly tests, Newsweek quizzes, and an end-of-the-year major project.

Prerequisite: 10th-12th grade standing.

AMERICAN HISTORY- Block- 1 Term Course- 1cr.

American History is a survey course of American History beginning with the age of discovery and ending with the new American frontiers. Instructional methods used are lecture, written assignments, reading, group study, group discussion, oral, and written reports, and films. Evaluation of the course will be based upon tests, quizzes, project papers, worksheets, and class participation.

Prerequisite: 11th grade required.

MONTANA HISTORY- Block- 1 Term Course- 1cr.

Montana History is a year-long class that surveys the history of Montana from ancient times through modern Montana History. It will enhance the students' knowledge of Montana's social, political, and economic development. The class will use lecture, group discussion, research projects and papers, films, reading, and written assignments. Evaluation of the course will be based upon quizzes, tests, written assignments, and assigned papers and projects.

Prerequisite: 10th-12th grade standing.

AMERICAN GOVERNMENT- Block- 1 Term Course- 1cr. OR Modified Block, Full Year Course- 1cr.

American government is a class that will study the structure and functions of the U.S. government, as well as state and local government. It will include a complete and detailed study of the legislative, executive, and judicial branches of government, as well as a review of the U.S. Constitution with emphasis on the rights guaranteed to all Americans. The class is designed to aid the student in fulfilling civic obligations, as well as developing an understanding and appreciation of his/her country's government.

Prerequisite: 12th grade required.

PSYCHOLOGY- Block 1 Semester Course- .5 cr.

This semester-long course will focus on human behavior and development. Students will study theories, careers, and prominent studies that have lent insight into the human experience.

Prerequisite: 11th-12th grade standing.

ECONOMICS-Block 1 Semester Course- .5 cr.

This semester-long course will focus on how society distributes goods and resources.

Students will learn economic concepts involving personal and national finance. They will also compare and contrast economic systems throughout the world.

Prerequisite: 11th-12th grade standing.

SOCIOLOGY- Block - 1 Semester Course- .5 cr.

This semester-long course will focus on the major themes and theories that analyze the study of society and groups. Topics will include but are not limited to the founders, conflict theory, social theories, social norm theory, culture, world-wide ethnocentrism, and device/crime/punishment. The instructional methods used are lecture, written assignments, reading, group study, group discussions, oral and written reports, and various films.

Prerequisite: 10th grade standing

AP GOVERNMENT (AP Humanities)- Full year - 1cr.

This is a year-long course that runs concurrently with AP Language and Composition.

Students who participate in the AP Government class will have the opportunity to take AP tests in the spring. Students who pass these AP examinations will be awarded college credit.

The reading material for this class includes nonfiction essays, persuasive essays, contemporary journalism, historical documents, and opinion articles. Topics covered include ideology, political participation, civil liberties and civil rights, foundations of democracy and interactions with the three branches of government. As part of this course, AP students will complete timed writing exercises. Students seeking a reading and writing experience that will prepare them for college should strongly consider taking this course

Prerequisite: 12th grade standing

Corequisite: AP Language and Composition

HEALTH AND PHYSICAL EDUCATION**FRESHMAN HEALTH ENHANCEMENT- Block 1 Semester Course- .5 cr.**

Freshman Health Enhancement is an introduction to team and individual sports with an emphasis on knowledge of skills and rules. This class is also an introduction to making healthy choices regarding the following topics: substance abuse, mental health, nutrition, sex education, and physical fitness. The emphasis on fitness is carried out throughout the year in both physical education and health.

Prerequisite: 9th grade required.

FITNESS FOR LIFE- Block- 1 Term Course- 1cr.

Fitness for Life is designed to provide students with a comprehensive view of different areas of weight training, circuit training, speed, stretching and sport. Weight training for sports and general physical fitness programs will enhance student performance in athletics and fitness characteristics for everyday life. This will be accomplished by the following: strength, power, motor ability, speed, and endurance; develop skills and activities to serve as a basis for use in leisure time; develop essential safety skills, with proper fitness terminology; to develop safe positioning when exercising.

Beginning in the 2021-2022 school year, students will not be permitted to repeat this class. Prerequisite: 11th or 12th grade standing. Minimum of B in Health Enhancement.

FOREIGN LANGUAGE

SPANISH I-DUAL CREDIT SPNS 101 -Block- 1 Term Course- 1cr.

Spanish I will begin preparing the student to understand, speak, read, and write Spanish and to appreciate and understand the culture of Hispanic countries. Students choosing to earn college credit for this class must meet additional requirements and pay tuition at 50% of the current rate.

Prerequisite: None

SPANISH II-DUAL CREDIT SPNS 102 -Block- 1 Term Course- 1cr.

Spanish II will continue preparing the student to understand, speak, read, and write Spanish and to appreciate and understand the culture of Hispanic countries. Students choosing to earn college credit for this class must meet additional requirements and pay tuition at 50% of the current rate.

Prerequisite: Spanish I

SPANISH III -Block- 1 Term Course- 1cr.

Spanish II will continue preparing the student to understand, speak, read, and write Spanish and to appreciate and understand the culture of Hispanic countries. Students choosing to earn college credit for this class must meet additional requirements and pay tuition at 50% of the current rate.

Prerequisite: Spanish II

AP SPANISH IV -Block- 1 Term Course- 1cr.

In AP Spanish the majority of the class is conducted in Spanish. The student studies Spanish literature by reading short stories, reads selections dealing with Hispanic culture, and studies Spanish art. Advanced grammar which was covered in third year is reviewed and the student completes the study of advanced grammar by learning the use of the subjunctive mood.

Much of the class is geared to preparing the student to take the Advanced Placement test at the end of the year to gain college credit. The student is encouraged to check with the chosen college for information on how to receive college credit in Spanish based on the AP exam score.

Prerequisite: Spanish III.

FRENCH I-DUAL CREDIT FRENCH 101 -Block- 1 Term Course- 1cr.

This class focuses on the four language skills of listening, speaking, reading, and writing in the cultural context of French-speaking countries. Students choosing to earn college credit

for this class must meet additional requirements and pay tuition at 50% of the current rate.
Intro to French is not required, but may be taken concurrently.
Prerequisite: None

FRENCH II/ III-DUAL CREDIT FRENCH 102 -Block- 1 Term Course- 1cr.

This class focuses on the four language skills of listening, speaking, reading, and writing in the cultural context of French-speaking countries. Students choosing to earn college credit for this class must meet additional requirements and pay tuition at 50% of the current rate.
Prerequisite: French I

PRACTICAL ARTS

WORK-BASED LEARNING (WBL) Block- 1 Semester Course- 1cr.

This course is individualized for each student and consists of hands-on learning at a job. Course content consists of reflections on skills learned and experiences gained.
Prerequisite- Employability Skills

CAREER EXPLORATION-- *HEALTHCARE* Block- 1 Semester Course- 1cr.

The goal of this year-long course is to provide students who are interested and committed to obtaining a career in healthcare with the opportunity to do so. Students will attend class at Deer Lodge Medical Center one period each day Monday-Thursday and in the classroom at the high school on Friday. Students will rotate through each of the various departments at the hospital learning the fundamental skills, protocols and vocabulary needed in a postsecondary training environment. Students who successfully complete this class will earn two credits.

Prerequisites: 11th-12th grading standing. Successful completion or concurrent enrollment in Anatomy and Physiology and Medical Terminology. Prior participation in REACH or MedStart Summer Institute. Students will be selected based on an application process which will include an interview by hospital personnel. Interested students should contact the office for an application. Enrollment is limited to six students.

CAREER EXPLORATION-- *EDUCATION* Block- 1 Semester Course- 1cr.

The goal of this year-long course is to provide students who are interested and committed to obtaining a career in elementary education with the opportunity to do so. Students will attend class at School District #1 one period each day Monday-Friday. Students will rotate through each of the various grades at SD1 learning the fundamental skills, protocols and vocabulary needed in a postsecondary training environment. Rotations at a local daycare center may be added at a later date. Students who successfully complete this class will earn two credits.

Prerequisites: 11th-12th grading standing. Successful completion or concurrent enrollment in Child Development. Students will be selected based on an application process which will include an interview by SD1 personnel. Interested students should contact the office for an application. Enrollment is limited to six students.

EDU 201- Introduction to Education With Field Experience
Block- 1 Semester Course- 1cr.

A dual credit formal course in the Teacher Education Program, this course provides an introduction to the field of education and the relationships between schools and society. Students begin to evaluate the reasons chosen to become a teacher and the effects that decision will have on their lives. Students examine social, cultural, political, legal, economic, and historical issues within schools and how these issues impact professional educators. Students will complete a field experience in a school setting. The field experience placement will be made by Mrs. Rivera-Kohn & the Admin Team. Course Fee or 1,2, Free program affiliate. 4 credit course. In collaboration with University of Montana Western.

CAREER EXPLORATION—*VETERINARY SCIENCE* Block- 1 Semester Course- 1cr.

The goal of this year-long course is to provide students who are interested and committed to obtaining a career in veterinary science with the opportunity to do so. Students will attend class at a local veterinary clinic one period each day Monday-Thursday and in the classroom at the high school on Friday. Students will rotate through various areas at the clinic learning the fundamental skills, protocols and vocabulary needed in a postsecondary training environment. Students who successfully complete this class will earn two credits. Prerequisites: 11th-12th grading standing. Successful completion or concurrent enrollment in Algebra II, Chemistry, Anatomy & Physiology and Agriculture Education (AG I, AG II or Livestock Management.) Students will be selected based on an application process which will include an interview by clinic personnel. Interested students should contact the office for an application. Enrollment is limited to two students.

AGRICULTURE EDUCATION I- Block- 1 Term Course- 1cr.

Ag-Ed I is a yearlong introductory agriculture course covering animal science and shop skills in hot and cold metalworking. Leadership development including speaking skills and parliamentary procedure will be covered. This class is the introduction to welding, brazing, forge, soldering, and other metalworking skills. This class will have lots of hands-on activities.

Prerequisite: 9th -12th grade standing.

AGRICULTURE EDUCATION II - Block- 1 Term Course- 1cr.
(Dual credit with FVCC college WLDG 100 and WLDG 185)

Ag-Ed II is a year-long course, which covers the areas of metal fabrication; A large part of this class is basic welding (WILDG 100). Computerized cutting with "PlasmaCam" and power tools will also be covered. This class is introductory (basic) welding. We will also cover forestry, animal science, leadership development and some introductory plant and soil science as time will permit. This class will be open to sophomores that have had Ag. I, it will also be open to juniors and seniors with instructor approval and no prior ag class experience. Prerequisite: Successful completion of AG I or 11th -12th grade standing.

AGRICULTURAL PLUMBING AND ELECTRICAL- Block- 1 Term Course- 1cr.

This is a semester class is designed to give students instruction in the plumbing and electrical professions. Students will explore the career options available and the training and educational

opportunities that exist for students in these fields. Students will do hands-on projects and learn to use different kinds of pipes, fittings and methods of joining them. In the electrical portion students will learn to draw and wire electrical circuits and to identify and use many of the electrical devices found in residential construction.

Prerequisite: 10th -12th grade. Preference will be given to students who have taken Ag I and II.

HORTICULTURE- Block- 1 Term Course- 1cr.

The Ag-Ed Horticulture course is general horticulture and is a greenhouse operations class that is a yearlong course. Students will propagate plants and grow them in the greenhouse. Students will study agronomy, plant, and soil science and work on landscaping projects at the school farm. They will also work on construction projects in and around the greenhouse.

Prerequisite: 10th -12th grade. Prior Ag class experience is not required.

LIVESTOCK MANAGEMENT- Block- 1 Term Course- 1cr.

Livestock Management is a year-long course. The class will study domestic livestock including health care, nutrition, behavior, and animal welfare. The class will travel to the school farm every day. Students will be required to dress out for the class—boots, coveralls, gloves, hat, and coat. Students will be scored with a daily lab score and will need to make up missed days(make-up times will most often occur on the weekends.) This is a hands-on class conducted outside and active participation is required.

Prerequisite: Successful completion of AG I or 11th -12th grade standing with instructor permission.

ADVANCED AG. WELDING- Block- 1 Term Course- 1cr.

(Dual credit with FVCC, WLDG 111 and WLDG 185)

Advanced Ag Welding is a year-long class that builds on the skills developed in Ag-Ed II (basic welding) and the Ag I (introductory metals and shop skills) class. Students wishing to take Advanced Ag Welding must have passed Ag-Ed II and developed sufficient skills as determined by the instructor to enroll in this course. out-of-position welding using various types of electrodes, M.I.G. (wire feed), and T.I.G. welding processes, and plasma arc cutting (“PlasmaCam”) units are covered. Hand and power tools usage and safety will also be covered. Project construction, computer applications, and leadership development will be included. Students must pass competency tests with an 80% to use some machines. This is an advanced class and students must have proved themselves in Ag II class.

Prerequisite: 11th grade standing, Ag-Ed II (passed with a C or better).

(Dual credit with college WLDG 111 and WLDG 185) This course also provides welders the opportunity to prepare for, practice, and complete the AWS National Welding Certification exam to AWS D1.1 code to become a certified welder.

SMALL ENGINES- Block- 1 Term Course- 1cr.

The Power Mechanics class is offered in the first semester of the year. The students will cover the teardown of a small engine and reassembly. They will identify the parts and functions of each component. They will also take measurements to determine the condition of the engine and then reassemble the engine. The school provides the small engines and equipment worked on in class. (To pass the semester the student’s engine must run.)

Prerequisite: 11th -12th grade standing

ADVANCED AG. METALS FABRICATION- Block- 1 Term Course- 1cr.

This class is offered during the same period as the Advanced Ag. Welding class. This is a project construction class. Students will need to have projects to construct. A set of plans and bill of materials will be required for each project. This class is open to seniors that have taken and passed Advanced Ag Welding with the instructor's consent. This course also provides welders the opportunity to prepare for, practice, and complete the AWS National Welding Certificate exam to become a certified welder.

Prerequisite: Passing grade in Advanced Ag Welding & instructor consent

SUPERVISED AGRICULTURAL EXPERIENCE

The supervised agriculture experience (work experience) course is a semester-long with a prerequisite of enrollment in an agriculture education class. This course can be taken each semester. Students are supervised by the agriculture teacher in cooperation with parents/guardians and employers. Students can have a supervised agriculture experience program in one or more of three areas: placement, ownership, or exploratory. Student projects

will be done outside of school time and can be done in the summer. This course will require keeping records using the A.E.T. software, taking pictures, and filling out applications.

Prerequisite: 9th -12th grade standing, consent of instructor, enrollment in an Ag class.

ALL AGRICULTURE CLASSES

AG I, Livestock Management classes will spend some time at the school farm. This provides an opportunity for students enrolled in those classes to see and get involved in animal agriculture. Horticulture students may spend time at the farm working on landscaping projects. (Students will need to dress appropriately when at the farm or in the shop). All of the classes will be required to keep records using the A.E.T. software. FFA is an integral part of all agriculture education classes and membership is provided by the state of Montana for all Ag-Ed students. All of our Ag-Ed students are FFA members.

FAMILY AND CONSUMER SCIENCES**PERSONAL FINANCE -Block 1 Semester Course- 1cr.**

This class will provide students with an understanding of the concepts and principles involved in managing one's personal finances. Personal Finance will emphasize lifespan goals setting, individual and family decision making, and consumer rights as well as topics that are commonly associated with personal finance so that one can become a financially responsible consumer. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also investigate the effects of the global economy on consumers and the family.

EMPLOYABILITY SKILLS- Block 1 Semester Course- 1cr.

Students in the employability skills class will conduct career research, build cover letters and resumes as well as practice interview skills. Students will have the opportunity to practice verbal and written communication skills to prepare them for customer relations. The students will conduct self-assessments to match their interests and strengths.

CULINARY I- Block 1 Semester Course- 1cr.

Students in this one-semester class will learn about nutrition and wellness, use computer and mobile device applications to analyze their own diets. Students will learn kitchen safety as well as safe serving practices. Students will publish 2 pages to be included within a cookbook given out to each student by the end of the course. Students will find out how different types of foods have different principles involving their preparation and apply that knowledge by preparing foods within the units of yeast and quick breads, fruits, vegetables, meats, and holiday cookie and candy type foods. Students will learn to read a recipe, complete conversions and equivalents. Students will be introduced to basic knife skills. Students will complete a food innovations project in which they will get a base recipe and develop their own product to market.

CULINARY II- Block 1 Semester Course- 1cr.

Students in this one-semester class will build on the basic cooking techniques they will have been introduced to in Culinary I. During the semester students will demonstrate safe use of small ware; moist and dry heat cooking methods; flavoring and seasoning foods; nuts, seeds and condiments; eggs, dairy and breakfast foods and drinks; salads, dressings and sandwiches; meat and poultry; as well as American ethnic cuisines.

Prerequisite: Culinary I

PROSTART I AND II- Block- 1 Term Course- 1cr.

This year-long class is an industry-driven curriculum that prepares students for a career in restaurant food service production. Students learn communication skills, safety and sanitation, large and small scale food preparation, meal planning, culinary math, and customer service. Students are given the opportunity for National Certification in Safety and Sanitation and the ProStart National Certificate of Achievement (COA). Earning the COA can give a leg up in job search, and opens the door to collegiate opportunities. Numerous restaurant, foodservice and hospitality programs offer benefits to ProStart graduates. These benefits include scholarships, class credits, and credit towards work experience requirements. To earn the ProStart National COA, a student must pass “The Foundations of Restaurant Management and Culinary Arts” Level 1 exam and Level 2 exam, document 400 hours of work experience and demonstrate proficiency on more than 50 workplace competencies. Work experience can come from paid jobs, school-based enterprises or relevant volunteer work. Students enrolled in this class have the option to compete on the PCHS ProStart team. This class will develop a menu and run a restaurant business from the classroom. Students will advertise, shop, make deposits, assemble food for delivery, and deliver the food orders.

Prerequisite: 11th-12th grade standing or Culinary I, II and Instructor Approval.

CHILD DEVELOPMENT- DUAL ENROLLMENT- Block- 1 Term Course- 1cr.

During this year-long class students will study the physical, intellectual, social, and emotional development of a child from conception to five years of age. This course teaches parenting and caregiving roles in relation to the developing child as well as guiding them in the learning process. The class will have the opportunity for hands-on experience in planning and implementing lessons and observing preschool and early primary aged children. This class is a basic foundation course for any student wanting to pursue a career in education or

working with children in any capacity. Students will leave campus for the lab experiences. This is a dual credit course through the University of Montana - Western.
Prerequisite: 10th-12th grade standing.

FCS (Family and Consumer Science)- Block- 1 Term Course- 1cr.

FCS is an introduction to the courses offered in the FCS pathway. Students will plan and prepare food on a budget, learn the basic cooking methods, earn a ServeSafe Food Handlers certification from the National Restaurant Association, and evaluate nutrition topics as it relates to their daily choices. The students will also cover basic consumer topics that will prepare them for life after high school. Example topics include furnishing an apartment, purchasing a car, paying taxes, consumer awareness, insurance, debt, and savings. In addition, the students will learn basic clothing production and repair as well as laundry, and how to hand sew and use a machine.

INDUSTRIAL ARTS

INTRODUCTION TO TECHNOLOGY- Block- 1 Term Course- 1cr.

This course is designed to provide each student with the basic technology skills in construction, drafting, communication and monitoring, control, and feedback systems. It is an introduction to hands-on technology activities with emphasis placed on planning, design and problem solving. This course is designed to assist students to become technologically literate citizens who exhibit appropriate critical thinking and problem solving skills as they assess the technology that influences their daily lives.

Prerequisite: 9th -12th.

WOODS -Block- 1 Term Course- 1cr.

This course will provide students with basic to intermediate knowledge of woodworking. Safety is the main emphasis of the class. Students will make a nightstand or end table and be responsible for the cost of materials. There will also be a \$10.00 shop fee to cover the cost of glue, nails, screws, etc.

Prerequisite: Introduction to Technology

BEGINNING DRAFTING –Block- 1 Term Course- 1cr.

The first semester will provide each student with the basic drafting knowledge for use in many practical areas. It provides each student with the basic knowledge for modern-day drafting. Several mechanical drawings are done throughout the semester. The second semester of the course will focus on architectural drafting. Students will learn about home design and all of the aspects that need to be considered when designing a home. Then students will design and draft their own homes.

Prerequisite: 9th-12th

ADVANCED DRAFTING – Block- 1 Term Course- 1cr.

During this course students will learn the latest drafting techniques using conventional drafting, mechanical arm, computer-aided drafting and 3D modeling. This is a hands-on class. Students are graded on class participation, tests, and classroom work produced.

Prerequisite: Beginning Drafting.

CARPENTRY TECHNOLOGY I- Block- 1 Term Course- 1cr.

This class studies basic carpentry, with emphasis on power equipment safety. Small projects will be built. Students must bring their own tape measure and pencils. Students will be graded on class performance with several writing assignments. There will also be a \$10.00 shop fee to cover the cost of glue, nails, screws, etc.

Prerequisite: Woods I.

CABINETRY TECHNOLOGY II- Block- 1 Term Course- 1cr.

This course teaches advanced level wood technology and design technology. Students will design and construct their own large project with door and drawer construction. Students pay for the wood and finish costs incurred for their project.

Prerequisite: Woods I

FINE ARTS

CONCERT BAND- Block- 1 Term Course- 1cr.

Band provides students 9-12 the opportunity to participate in a performing arts course. It is open to any student who desires to participate in the band program who has previously learned to read music and played an instrument in a grade school class. Classes are designed to study music theory and history as it pertains to performance music, explore advanced fundamentals of music and teach advanced playing technique on a student's particular instrument. This course requires students to participate in the music festival in the spring (where the students participate in solo and small or large ensembles categories at district and state levels), a minimum of four performances a year, and performances at various other events that benefit the community.

Prerequisite: Previous concert or jazz band experience in grade school or high school, or one semester of individual instrumental instruction, or consent of instructor. A reasonable ability to read and interpret music notation is necessary.

CHOIR – Combined Men's and Women's- Block- 1 Term Course- 1cr.

This is a fine art elective course open to any student in grades 9-12 who is interested in singing and learning basic music theory. A wide variety of choral music will be studied throughout the year. Music theory is presented throughout the year as it pertains to the performance presentation of the music. This course requires participation in the Music Festival in the spring. Students may participate in solo and small or large ensemble categories at District and State levels. Students will be required to participate in a minimum of four concerts per year, as well as activities that benefit the community. Students must have the first semester in order to take the second semester because of the ongoing progressive theory lessons.

SELECT CHOIR- Block- 1 Term Course- 1cr.

This is a select group of students that will concentrate on performing advanced a cappella choral music of various styles, including madrigal. Music theory will be introduced as it pertains to the performance and presentation of the music as it is studied.

This course requires participation at the music festival in the spring, minimum of four performances a year and performances at various other events that benefit the community.
Prerequisite: Audition

BEGINNING DRAWING- Block- 1 Semester Course- 1cr.

In this course students will learn skills necessary to become proficient at drawing: contour, gesture, basic shapes, perspective, shading, value changes and establishing edges, etc. Pencil, charcoal and pen and ink will be used. One semester class.
Prerequisite: None

COLOR THEORY - Block- 1 Semester Course- 1cr.

The first quarter, students will learn how to mix tints, shades and tones. Through this practice, students will become skilled at the process of mixing color and its significance in painting. In the second quarter the elements and principles of design will be explored. Students will be exposed to various artists and art styles. Using this knowledge, students will be able to differentiate among a variety of contexts in terms of characteristics and purposes of various works of art. One semester class.
Prerequisite: Beginning Drawing.

ADVANCED DRAWING – Block 1 Semester Course- 1cr.

The first quarter will study ceramics through art history, art aesthetics, art criticism, and art production. Students will learn to approach ceramic artwork as both functional and decorative sculptural objects. Development of technical skills and artistic vocabulary will include scoring, slipping, and hand building (slab, coil, and pinch techniques, wheel throwing, bisque firing, painting and glazing). Students are also required to keep a personal sketchbook and study specific artists, cultures, and art historical movements. The second half of the semester, students will learn to draw the human face using pencil, charcoal and colored pencil.
Prerequisite: Beginning Drawing and Color Theory.

ADVANCED PAINTING– Block 1 Semester Course- 1cr.

The first quarter the students will have the opportunity to develop their skills in tempera and watercolor. The students will choose from a variety of subjects, from landscapes, still life and portraiture.
The second quarter the students will further their knowledge using oil, acrylics and watercolor.

Prerequisite: Beginning Drawing, Color Theory, and Advanced Drawing.

ADVANCED ART IV - Block 1 Semester Course- 1cr.

Advanced Art IV is a program for those serious students who are interested in a concentrated study in the visual arts. Students will produce a body of artwork that will deal with quality, concentration, and breadth. A collection of work will be put together in a portfolio which can be used for exhibit, scholarships, competitions, and submitted for evaluation and grading. Students in this program will be required to keep a Research Work Book (RWB) which will contain all the studies and ideas for a piece of work. RWBs will be turned in every week. Students will be exposed to art history, art criticism, and aesthetics.

Prerequisite: Beginning Drawing, Color Theory, Advanced Drawing, Advanced Painting, by teacher recommendation only.

Dual Credit Artz 105 Visual Language Drawing

This course introduces rendering skills through the use of a variety of drawing media, and expressive, conceptual and communication possibilities of drawing as an artist medium. This course also examines art as an expression of culture and historical context and includes written exercise in aesthetics and art criticism.

Prerequisite: Beginning drawing, Color Theory

GENERAL ELECTIVES

FRESHMAN 101- 1 Semester Course- No Credit

This course is designed and taught by a group of our PCHS staff. Students will learn and review the skills they need to be successful in high school. Staff will conduct mini-lessons on study skills, organization, writing, Google Workspace, research methodology, plagiarism, and more. No credit is awarded for this course; however, it is required for all freshmen.

DRIVER'S EDUCATION Block- 1 Semester Course- .5 cr.

Driver Education is a learning experience provided for the purpose of helping students to become good traffic citizens and to operate motor vehicles safely and efficiently. Instruction centers on characteristics of drivers' development of judgment, development of driving skills, defensive driving techniques, traffic laws and ordinances, the motor vehicle, traffic collision avoidance, the effects of alcohol and drugs on driving, driving to conserve energy, and other relevant learning experiences and information.

The program is designed to provide the student with (42) Forty-two hours of instruction: (6) six hours of behind-the-wheel-in-traffic driving, (12) twelve hours of observing other student drivers, The program offers a variety of learning experiences that will provide the student with an opportunity to develop skills in safe driving. The (6) six hours of driving will take place after school day. To pass the TE portion of the course each student must meet ALL the above requirements.

The remaining forty-five days will be used as a study skills class; students will complete the PCHS Daily Five each school day, check and answer emails, check grades, check google calendar, write in their planner, and make a plan for the day. Weekly grading sheets will be required to be completed by all students by each Friday. Each week will look something like this, Monday, Wednesday and Friday will be study skills and Tuesday and Thursday will be Traffic Education. This will be a pass/Fail course.

ONLINE CREDIT RETRIEVAL (OCR)

The alternative format will provide the opportunity for students to retrieve core curriculum subjects as individually needed. Students are identified via referrals made by administrators, counselors, teachers, parents, and/or students themselves. Courses are offered through the Montana Digital Academy and Edmentum.

Prerequisite: approval of principal, 11th-12th grade standing

DUAL CREDIT Block- 1 Semester Course- 1cr.

Motivated students who are interested in getting a jumpstart on their college careers, may enroll in college classes. Students will receive one-half elective credit on their high school transcript for each successfully completed semester of college coursework. It is the student's responsibility to register for their chosen college class prior to the beginning of the semester. Students interested in this option should consult with the Guidance Counselor or Principal.

Prerequisite: approval of principal

SPECIAL SERVICES

Services are provided to students who qualify under IDEA.