

2017-2018 Course Guide

The information contained in this booklet represents the anticipated course offerings for Park High School during the 2017-2018 schoolyear. It is designed to provide a comprehensive guide for students and their parents/guardians to use while planning their individual course of study at PHS.

Students should *carefully* select their courses for next year and should discuss their choices with their parents/guardians, teachers, and the guidance staff. Our expectation is that students have schedules containing rigorous, relevant, and meaningful learning opportunities. Students should consider their interests, post-secondary plans, and graduation requirements to help guide and determine their course selections.

Please take your time and carefully consider the options available. The course requests students make at this time are a primary driving force behind the structure of our school's master schedule, and will determine each student's classes for next year. Please remember that schedule changes will be virtually non-existent. Be thoughtful and deliberate when choosing your courses for next year! Also be apprised that Park High School administration reserves the right to change a student's schedule if it is in the best educational interest of that student (or other students).

The staff at the high school is eager to answer questions and assist each of you as you make these important decisions. Should students find themselves unsure of how to proceed, they and their parents/guardians are encouraged to meet with teachers and guidance staff to discuss options.



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2017-2018 COURSE GUIDE

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Understanding the course descriptions:

Course Number	Course Name	Available only to students in these grades	½ credit = 1 semester; 1 credit = Full Year (FY)
0208 <i>Prerequisite: Pre-Algebra Instructor consent required</i>	TECHNICAL MATHEMATICS (Fall Semester)	GRADE LEVEL: 11, 12	CREDIT: ½
<p>The Technical Mathematics course presents basic mathematical topics as they are applied in a trades program. Topics covered include use of measuring tools, measurement systems, dimensional arithmetic, percent, proportion, applied geometry, and basic trigonometry. <i>This is a Dual Enrollment option course.</i></p>			
Teacher (or department) must approve	Prerequisite – a specific course (or courses) that must be taken beforehand	Brief description of course... BE SURE TO READ IT!	

PARK HIGH SCHOOL **GRADUATION REQUIREMENTS**

In order to graduate from Park High School, students must earn **23 course credits** and must complete **40 service hours**. The course credits break down as follows:

Required Courses - 16 credits

Career and Technical Education.....	1.5
English (1 credit English Language Arts, ½ credit Int. Comp.1, 1 credit Literature, 1½ credits English electives).....	4
Health Enhancement (½ credit Freshman Fitness, ½ credit Freshman Health, ½ credit PE/Health 2)	1.5
Mathematics	2
Science (1 credit Earth Science, 1 credit Biology)	2
Additional Mathematics or Science	1
Social Studies (1 credit World History, 1 credit U.S. History, ½ credit Government, ½ credit Social Studies elective)	3
Visual or Performing Arts	1
<i>Elective Courses - 7 credits</i>	7

TOTAL CREDITS REQUIRED FOR GRADUATION..... 23

Credit Tabulation

Unless otherwise noted, one (1) credit is earned in any course taken for one year, and one-half (½) credit is earned for any course taken for one semester.

Transfer Credits

Transfer credits for incoming students will be counted toward graduation if the credits are issued from an accredited school. Schools are accredited by either a state department of education or a nationally recognized accrediting agency. The guidance counselor or academic dean evaluates the transfer student's transcript for credit toward graduation. Students entering school after the second week of the semester may not be allowed to earn full credit for the semester.

Requests for transfer from a non-accredited, nonpublic school, including home school, are subject to examination and approval before being accepted. This is done by the guidance department or the academic dean.

Pass/Not Pass Option

Senior students who have the credits necessary for graduation may elect to take one class on a Pass/Not Pass basis. The intent of this policy is to encourage students to explore or develop new interests without needing to be concerned about lowering grade point averages. Students must submit the request on or before the end of the first quarter of the semester with the consent of a parent/guardian, the teacher, and administration.

In Pass/Not Pass grading, passing work will receive a "P" grade on the student's transcript. The course credit counts toward the number of credits required for graduation, but it does not count in calculating GPA. Failing work will receive an "NP" grade and will not count in the GPA average. Students should also remember that in order to be eligible for honor roll, they must be in at least five graded classes; a P/NP class does not count as one of those five classes. A Pass/No Pass form can be obtained from the academic.

Advanced Placement[®] (A.P.) courses cannot be taken for credit using the Pass/No Pass option unless extenuating circumstances exist and administrative approval is obtained.

Early Graduation

A request for early graduation may be granted if it is determined that to be in the best interest of the student to complete graduation requirements in fewer than four years and to receive a diploma. To be considered for early graduation, a student must complete the Early Graduation Application. As part of this application, the student must outline his/her post-secondary plans, and must also meet with his/her counselor to do a thorough review of credits and service hours. Additionally, the application must be signed by the student's parent/guardian. The Principal will then review the student's application and will meet with the student to render a decision.

MONTANA UNIVERSITY SYSTEM

ADMISSION REQUIREMENTS

The graduation requirements of Park High School **are not the same** as admissions requirements of most four-year universities. Students should verify the admissions requirements of specific schools they wish to attend. In order to be fully admitted into a 4-year university in the Montana University System (MUS), entering high school graduates are required to meet the following standards:

1. Achieve one of the following requirements:

- Earn at least a 2.5 high school GPA, or
- Rank in the top half of the school's graduating class, or
- Score composite ACT of 22 or higher, or SAT of 1540 or higher (exception: MSU-Northern requires ACT score of 20, or SAT score of 1440).

2. Complete the College Preparatory Program (or the Rigorous Core as described on the bottom):

- Mathematics - 3 years (Algebra 1, Geometry, Algebra 2; or the sequential content equivalent)
- English - 4 years
- Lab Science - 2 years
- Social Studies - 3 years
- College prep electives - 2 years (includes world languages, computer science, visual/performing arts, and career/technical education)

3. Demonstrate Mathematics proficiency:

- ACT math score of 22 or above, or
- SAT math score of 520 or above, or
- A.P. Calculus AB or BC score of 3 or higher, or
- Minimum of 50 on the CLEP subject exams in selected topics, or
- Complete the Rigorous Core (see below).



4. Demonstrate Writing proficiency:

- ACT writing/English score of 18 or above, or
- SAT score of 440 or above, or
- Score 7 or higher on the ACT/SAT essays, or
- A.P. English language or literature exam score of 3 or higher, or
- Minimum of 50 on the CLEP subject exam in composition, or
- 3.5 or higher on the MUS writing assessment (MUSWA) test.

Note: Students who do not demonstrate the ability to meet the mathematics and/or writing proficiency standards may be admitted provisionally to a four-year degree program on any campus of the MUS and without condition to a two-year degree program. Provisionally admitted students must attain full admission status by completing at least one college-level mathematics and college-level composition course with grades of C or better before completing 32 credits or 3 semesters, whichever comes last.

MUS Rigorous Core

The rigorous core is an alternative to the math proficiency standards and an eligibility requirement for receiving the MUS Honors Scholarship. The rigorous core includes the following:

- Mathematics – 4 years (Algebra, Geometry, Algebra 2, and a course beyond Algebra 2 – all with grade C or better)
- English – 4 years
- Lab Science – 3 years
- Social Studies – 3 years
- College prep electives - 3 years (includes world languages, computer science, visual/performing arts, and career/technical education)

For more information, visit the Montana University System website at mus.edu.

DUAL ENROLLMENT INFORMATION



Park High School Students are fortunate to have dual credit opportunities available through Gallatin College MSU in Bozeman!

Dual enrollment, or dual credit, is designed to provide Montana students with the opportunity to earn high school credit and college credit at the same time. The dual enrollment program can offer you a lead on your college studies.

These are some of the benefits of dual enrollment courses:

- Dual enrollment students pay half price tuition and no university fees. This may be the most affordable college credit you'll ever earn!
- Dual credit courses are designed to transfer throughout the Montana University System, and they are accepted by many accredited colleges and universities nationwide.
- Dual enrollment students get a head start on college. You'll be familiar with the academic expectations for college classes and enter college with credits on your transcript.

Dual enrollment classes cost \$49.50 per college credit with no fees. Dual enrollment classes offered at PHS are 2 to 3 credits; depending on the class, it will cost you \$99 - \$148.50 per class. *(If you took the same classes as a Gallatin College or MSU student, they would cost you hundreds of dollars more, often three times as much!)*

To enroll in a dual enrollment class, first you will enroll in the Park High class. Then, you must complete three forms (Application Form, Registration Form, and Authorization for Release Form) through Gallatin College MSU. Gallatin College's dual enrollment program will hold enrollment sessions prior to each semester to assist students with the required paperwork and provide students with basic college advising on responsibilities, procedures, and deadlines.

Remember that these courses go on a permanent college transcript that will follow you wherever you attend college. Poor performance in a college course may adversely affect college admission. The Montana University System will accept these courses, as will many other colleges and universities. They may count as a graduation requirement or as an elective, depending on what you choose to study in college. If you have questions about whether a particular college will accept the credit, contact that college directly.

Park High School TENTATIVE Dual Enrollment Courses 2017-2018:

PHS Course Title	GC MSU Course & Title	College Credits	Cost – ESTIMATED!
Computer-Aided Drafting 1	DDSN 101: CAD 1-A	2	\$99.00
Computer-Aided Drafting 2	DDSN 102: CAD 1-B	2	\$99.00
Agriculture Metals 2	WLDG 110: Welding Theory I	1	\$49.50
Agriculture Metals 2	WLDG 111: Welding Theory I Practical	3	\$148.50
Contemporary Mathematics	M 105Q: Contemporary Mathematics	3	\$148.50
Human Form & Function	BIOH 113: Human Form and Function II	3	\$148.50
Spanish 3	SPNS 101: Elementary Spanish I	3	\$148.50
Spanish 4	SPNS 102D: Elementary Spanish II	3	\$148.50
German 3	GRMN 101: Elementary German I	3	\$148.50
German 4	GRMN 102D: Elementary German II	3	\$148.50
Teaching & Learning	EDU 101US: Teaching and Learning	3	\$148.50
Technical Mathematics	M 111: Technical Mathematics	3	\$148.50

For more information about the Dual Enrollment program visit their website (<http://www.montana.edu/gallatincollege/programs/dual.php>) or contact the Gallatin College Program Manager Diane Dorgan (dorgan@montana.edu).

ADVANCED PLACEMENT COURSES



Advanced Placement (AP[®]) courses are rigorous and academically college-level courses taught by Park High School faculty, and offer students the opportunity to earn college credit. Each year in May, AP Exams are administered at PHS, and scores are reported directly to students in the following summer. A score of 3 or higher on an AP Exam can typically earn students college credit and/or placement into advanced courses in college. Be sure to check out the AP score acceptance guidelines for specific colleges; this can be accessed by searching the AP

Credit Policy database on the College Board's website.

Students should consider an AP class if they are interested in challenging themselves academically and hoping to gain experience in a college-level class while still in high school. Opting to take an AP course lets colleges and universities know that you have learned the necessary time management and study skills needed for success. By taking an AP course and scoring successfully on the related AP exam, you can save on college tuition expenses and free up your schedule to take more advanced courses of interest to you. Remember that AP courses are more demanding than regular high school courses, and they require strong skills in reading and writing.

For the 2017-2018 schoolyear, PHS will offer the following AP courses:

- AP Biology
- AP Calculus AB
- AP English Literature & Composition
- AP European History
- AP Statistics

These courses have prerequisite and/or instructor consent requirements, so be sure to talk with the AP teacher of the course in which you are interested to learn more.

STUDENT-ATHLETE INFORMATION (NCAA & NAIA)

There are two major governing bodies in collegiate athletics, the NAIA and the NCAA.

The NAIA, or the National Association of Intercollegiate Athletics, includes nearly 300 smaller colleges. Over 90% of NAIA colleges offer athletic scholarships. For more information, visit the NAIA Eligibility Center at <http://www.playnaia.org/>.



The NCAA, or National Collegiate Athletic Association, serves as the athletics governing body for more than 1,280 colleges, universities, conferences and organizations. NCAA membership schools are divided into three divisions. Division I and II members may offer athletic scholarships, while Division III schools may not. The NCAA eligibility rules require careful planning by the student-athlete to ensure that the required number of core courses is successfully completed. **Not all Park High School courses are approved as NCAA core courses.** More information about eligibility requirements can be found at the NCAA Eligibility Center website, <https://web3.ncaa.org/ecwr3/>.

Park High School's CEEB/ACT code is 270575.

Students aspiring to compete in athletics at the collegiate level should start their planning as soon as possible and should meet with their coach(es) and/or the Activities Director to begin the process.

CAREER & TECHNICAL EDUCATION (CTE) **PROGRAMS**

The mission of the Career and Technical Education programs at Park High School is to provide occupational instruction, computer literacy, economic literacy, and preparation for post-secondary education. A variety of programs are offered in the occupational specialty areas of agriculture, business, computer science, office occupations, family & consumer science, and industrial technology.

Post-secondary Career and Technical Education programs available in Montana include studies in food services, business, agriculture, health care, computer information services, office technology, automotive technology, construction, welding, electronics, and a wide variety of other areas.

To achieve its mission, the Park High Career and Technical Education departments strive to:

1. Furnish training for students who seek to enter the job market, to enroll in advanced vocational training, or to pursue university degrees.
2. Provide students, regardless of academic or occupational choice, with pertinent, adaptable career skills.
3. Offer computer training in word processing, accounting and office applications, telecommunications, computer programming, graphics, home economics, and agriculture applications.
4. Design course work which develops human relations, communication, computation skills, effective work attitudes, safety and environmental awareness, in addition to other qualities essential for premier leadership, personal growth, and career success.

CTE: AGRICULTURE EDUCATION **COURSE DESCRIPTIONS**

0910 / 0911 AGRICULTURE EDUCATION 1

GRADE LEVEL: 9, 10, 11, 12

CREDIT: 1

Agriculture Education 1, Exploring Agriculture, is an introductory course in which the student is taken on a journey through today's modern agricultural world and will explore a variety of subject matter including plant science, animal science, soil science, and environmental technology. The student will also have learning experiences with basic cold metals, woodworking, and proper tool use. Activities dealing with leadership, FFA, public speaking, and parliamentary procedure will also be a focus of this course. Students will apply new technologies, computers, varied learning experiences, and agricultural recordkeeping.

0920 / 0921 AGRICULTURE EDUCATION 2

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Prerequisite: Ag Ed 1 or Instructor consent

Agriculture Education 2, Principles of Agriculture Food and Natural Resources, is designed to emphasize skills in welding, electricity, and global information systems. A comprehensive view of range, crop, and soil science will be highlighted, giving students the basic technological concepts associated with today's modern agriscience. Aquaculture and water quality will be components of this class. Computers and modern communication technologies will be incorporated with the many segments of the course. The course will have strong focus on student leadership skills and FFA activities.

0930 / 0931 AGRICULTURE EDUCATION 3

GRADE LEVEL: 11, 12

CREDIT: 1

Prerequisite: Ag Ed 1 or Instructor consent

In Agriculture Education 3, Agricultural Systems, students will take a more in-depth look at mechanical systems related to agriculture. The course is designed for the student interested in animal production, crop production, veterinary science, finance, agricultural mechanics, surveying, and construction. Students are provided an opportunity to be involved in school and community activities in FFA. Students receive hands-on experience through their Supervised Agricultural Experience (SAE) project.

0940 / 0941 AGRICULTURE EDUCATION 4

GRADE LEVEL: 12

CREDIT: 1

Prerequisite: Ag Ed 1 or Instructor consent

Ag Ed 4, Advanced Agricultural Systems, is where upper-level students will develop academic and technical skills and knowledge related to power structure and technical agricultural systems and the agriculture industry. Students develop an understanding of food processing, power, plant science, and animal science. Students investigate the relationship between agriculture, health, and the environment. Students also learn financial planning skills and about agricultural economics. Students will have an opportunity to use advanced skills to develop individual projects. Preventative engine maintenance, machinery management, computer application, and supervised agriculture experience are major components of this course.

0960 HORTICULTURE & GREENHOUSE MANAGEMENT

GRADE LEVEL: 10, 11, 12

CREDIT: ½

Students will develop an understanding of basic plant science including plant identification, plant structure, plant health, and soils. A major portion of the class will involve using the greenhouse to grow a variety of plants, both seedlings and cuttings. Unique experiments in plant and soil science will be conducted. Students will also be responsible for propagation, horticulture care, greenhouse operation, and the marketing and sale of flowers and bedding plants. This class will be limited to fifteen students with preference given to juniors and seniors.

0970 AGRICULTURE METALS 1 GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisite: Ag Ed 1 or EIT 1

In Agriculture Metals 1, we will develop basic skills in forge work, arc welding, and oxyacetylene welding. This class involves developing skills in the design and construction of projects, welding techniques, and cutting hot and cold metal. It will include construction of small metal projects and introductory welding methods. Basic computer-assisted design and plasma cam cutout will also be a component of this course.

0972 AGRICULTURE METALS 2 GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisite: Ag Metals 1

In this course, students will develop advanced welding and fabrication skills in Arc, TIG, MIG, and oxyacetylene. Students will be required to complete large metal fabrication projects. Advanced skills using TIG and MIG welding will be stressed, and students will also learn to use a computer-assisted plasma cutter. *Ag Metals 2 is a Dual Enrollment option course. Dual Enrollment students will be given enrollment preference in this course.*

0946 AGRICULTURE MECHANICS AND EQUIPMENT GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisite: Ag Ed 1 or Exploring Industrial Technology

The Agriculture Mechanics and Equipment course will provide students with the engineering and power technology principles, skills, and knowledge that are specifically applicable to the agriculture industry. Typical topics include the operation, maintenance, and repair of power, electrical, hydraulic, and mechanical systems. The primary focus of the course will be on small engine operation. Students will learn all aspects of small engines, as well as have the opportunity to disassemble and reassemble a small engine by the end of the semester course. Students will also have projects related directly to hydraulic systems and function.

CTE: BUSINESS COURSE DESCRIPTIONS

0729 BUSINESS COMMUNICATIONS GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

This course will introduce to students how to communicate in the business world, as well as how to prepare themselves for success in a business career. Topics covered will include resumes, cover letters, interview skills, public speaking, writing and formatting effective reports, situational problem solving, human resource management, and various computer skills (spreadsheets, word processing, and presentations). This course is also a great class to get ready for participation in Business Professionals of America (BPA) events.

0713 BUSINESS & PERSONAL COMPUTER APPLICATIONS GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

Students will complete a variety of hands-on computer related projects. The course will include basic applications and advanced techniques of Microsoft Word, Excel, and PowerPoint, as well as effective Internet searches, desktop publishing programs, and file management. In addition, the course will allow for formatting various publications, creating cover pages and flyers, and producing effective spreadsheets and charts. This engaging class will provide the participant with they keyboarding and computer practice every successful student needs.

0724 DESKTOP PUBLISHING & COMPUTER GRAPHICS GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

Students will be introduced to the Adobe programs, Illustrator and InDesign. The course is very much exploration-based, with the teacher as a resource. Each unit will include a tutorial and a project. The skills developed will help students to create logos, artwork to print, letterheads, maps/guides, brochures, infographics, and posters.

0711 INTRODUCTION TO BUSINESS GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

This course is a great introduction to the wide variety of concepts in the business world. Students will learn what business is all about, including the economy, different types of businesses, marketing concepts, world trade, labor and employment, banking, using a checking account, credit, and insurance. In addition, students will be participating in the Montana Business Challenge, which offers scholarship opportunities.

0722 ACCOUNTING 1 GRADE LEVEL: 10, 11, 12 CREDIT: ½

Basic accounting principles are applied throughout this course. Accounting computer applications are introduced using both Microsoft Excel and Automated Accounting. Any student who majors in business, plans to own a business, or wishes to acquire skills to offer employers will benefit from this course.

0723 ACCOUNTING 2 GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisite: Accounting 1

In Accounting 2, students will use financial statements to analyze business transactions and make recommendations, and will complete computerized problems using various computer programs. Students will also design spreadsheets for personal and business use.

0725 PERSONAL FINANCE & CONSUMER ECONOMICS GRADE LEVEL: 11, 12 CREDIT: ½

Are you interested in money? Do you want to learn further about it so you can get more of it? Have you wondered how you will survive financially once you move from home? This course will help! You will get an understanding through numerous video presentations and practical applications as you analyze your own spending, set personal financial goals, and become a smart consumer. Topics covered include career choices, savings, investing, credit, spending patterns, budget planning, income taxes, determining needs and wants, and consumer protection. In addition, students will participate in the Stock Market Game, competing against other students across the state. Also, various computer programs are used to study decision making. *Please note: Students who have taken or are planning to take Consumer Math and/or Intro to the Real World should not take this course.*

0732 INTRODUCTION TO LAW & PUBLIC POLICY GRADE LEVEL: 10, 11, 12 CREDIT: ½
The course is a practical introduction to the legal world, addressing business, personal, and family law. Topics covered include the American legal system, contracts, minors' legal rights, employment, insurance, property (landlord and tenants), buying and selling, wills, and consumer protection. Famous legal cases, current legal news, mock trials, and guest speakers will be used to demonstrate legal principles.

0733 MARKETING GRADE LEVEL: 10, 11, 12 CREDIT: ½
Every person markets themselves every day. This class will teach students to market themselves, their business, or product image effectively, and it is for students planning to go into business for themselves or to work for any company. As a project-oriented class, Marketing will help you develop your business, economics, advertising, selling, interviewing, pricing, consumer buying behavior, and management skills. Creating commercials, selling products, and making marketing decisions are just a few of the fun projects completed in this class.

0750 CAREER INTERNSHIP GRADE LEVEL: 11, 12 CREDIT: ½
Career Coordinator & Parent consent required
In a variety of curricular areas, work experience outside of the school is one of the best learning experiences. Park High School is willing to work with employers in the community to assist in the process of providing students credit for the experience they gain as a result of working in a business that meshes well with a curricular area at the school. The school has established a variety of successful partnerships with local employers. The Career Internship Coordinator at the school will continue to monitor the experience the student gains through working with the employer. This type of work experience may be scheduled outside of regular school hours or in some cases, with parental permission, may result in a maximum of two periods of release. One Internship period is allowed for students who are currently working for pay at their chosen site. If you are interested in a career internship, speak with your counselor. Students enrolled in Career Internship must have their site placement within ten (10) days of the start of the course; otherwise, they will be dropped from the course. Students must also maintain a 75% (C) grade average at the quarter in order to continue enrollment for the duration of the semester. Students are expected to **complete assignments each month** and check in with the Career Coordinator twice a month. Participants need to be independent, reliable, and dependable since this class does not meet during the regular scheduled class time.

CTE: FAMILY AND CONSUMER SCIENCES **COURSE DESCRIPTIONS**

1212 INTRO TO FAMILY & CONSUMER SCIENCES GRADE LEVEL: 9 CREDIT: ½
This is an introductory Family and Consumer Sciences course. In this class we will be covering topics such as food and nutrition, human development and decision making, relationships with friends and dating partners, clothing construction, finding a job, and managing money. Students will enjoy eating foods they prepared and will get to wear a pair of pants they construct. Students will also gain valuable experience in communication skills, conflict management, and making healthy life choices.

1228 CULINARY ARTS GRADE LEVEL: 10, 11, 12 CREDIT: ½
This beginning foods preparation class deals with basic kitchen skills, safety and sanitation, knife skills, nutrition, meal planning, and careers in the culinary industry. Cooking labs are used to gain knowledge of a multitude of kitchen equipment and appliances, and learn a variety of cooking procedures in order to produce quality foods. Students will use math, writing, and reading to understand and convert recipes, analyze food intake, and calculate unit pricing and menu costs.

1229 CULTURE AND CUISINE GRADE LEVEL: 10, 11, 12 CREDIT: ½
Prerequisite: Grade of "C" or better in Culinary Arts
In this advanced foods course, students build on the skills learned in Culinary Arts with a focus on creating exciting meal plans from around the world. Cooking lab experiences incorporate culture and food choices from many countries including China, Japan, France, Italy, Mexico, India, Greece, Great Britain, Germany, Scandinavia, and Russia. Students will identify native food resources as well as ethnic dining habits and rules. Regional cuisine from around the United States is also explored.

1235 PROSTART GRADE LEVEL: 11, 12 CREDIT: 2
Prerequisite: Grade of "C" or better in Culinary Arts; Instructor consent
ProStart is a nationwide high school program that unites the classroom and restaurant industry. Students will not only learn about the art of cooking, but also will learn about restaurant management. Students who have completed the requirements of the ProStart program are awarded an industry-recognized certificate – the ProStart National Certificate of Achievement. To earn the certificate, students must pass two national exams, demonstrate a proficiency of foundational skills, and work 400 hours in the industry. ProStart is an intensive 2-period block, year-long course. Class size is limited to 5 students. ProStart is offered in partnership with Mountain Sky Guest Ranch.

1224 CHILD DEVELOPMENT GRADE LEVEL: 10, 11, 12 CREDIT: ½
Do you like children? Do you think you would like to work with children someday? This course provides you with a better understanding of the growth and development of a child through pre-school age. Units included are pregnancy, birth defects, care during pregnancy, childbirth, the infant, the toddler, and the preschooler. Field trips, guest speakers, and a RealCare infant simulation are all used to gain greater understanding about working with and caring for children.

1230 INTRODUCTION TO THE REAL WORLD**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

If you wonder what life after high school will be like, this course is for you! Areas to be covered in this course will be planning for your future, career exploration, budgeting, making major purchases, planning meals on a budget, housing decisions, coping with stress, and relationship and communication skills. *Please note: Students who have taken or are planning to take Consumer Math and/or Personal Finance should not take this course.*

1226 FASHION DESIGN**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

This is a two-part class focusing on fashion for you and your home. During the first quarter students will explore careers in the areas of fashion and fashion merchandising. We will focus on information on the apparel industry such as color analysis, textiles, fashion history, and fashion shows. Students will gain an understanding of garment parts, patterns, and sewing equipment during the second quarter. They will be creating a ready-to-wear garment of their own choice. This course is offered in alternating years with the Interior Design course.

1227 INTERIOR DESIGN**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

Are you interested in a career in architecture or interior design? Do you wonder how to make your own space more vibrant? This course deals with various housing styles, interior/exterior decorating of a home, selection/arrangement of furniture, elements of design, energy efficiency related to housing, and apartment living. Individual projects, small group work, field trips and guest speakers are used to gain knowledge in the areas of architecture and interior design. This course is offered in alternating years with the Fashion Design course.

CTE: INDUSTRIAL TECHNOLOGY **COURSE DESCRIPTIONS**

EXPLORING INDUSTRIAL TECHNOLOGY 1 & 2

Each of these courses serve as an introductory class for students interested in Industrial Technology, building, design, or for those that just want to know how things work in the real world. It is recommended that students take both EIT 1 and EIT 2 if possible, as each focuses on different aspects of the Industrial Technology curriculum. However, the courses do not need to be taken successively.

1011 EXPLORING INDUSTRIAL TECHNOLOGY 1 (EIT 1)**GRADE LEVEL: 9, 10, 11, 12****CREDIT: ½**

Exploring Industrial Technology 1 will include, but is not limited to the following areas:

- 1) Design and Drafting - Sketching and drawing orthographic and three-dimensional views will be explored through both traditional methods, and with the use of CAD programs. Students will learn and apply basic elements of design through the systematic process of turning concepts into physical representations (build what you design).
- 2) Material Processing - Students will explore the use of materials (primarily woods and plastics), their properties, uses, and characteristics. Students will process selected materials through the use of various tools/machines.
- 3) Use of tools and machines, including safety, and maintenance.

1012 EXPLORING INDUSTRIAL TECHNOLOGY 2 (EIT 2)**GRADE LEVEL: 9, 10, 11, 12****CREDIT: ½**

Exploring Industrial Technology 2 will include, but is not limited to the following areas:

- 1) Materials Processing – Students will continue to explore the use of materials (primarily metals), their properties, uses, and characteristics. Students will process selected materials through the use of various tools/machines.
- 2) Use of tools and machines, including safety, and maintenance.
- 3) Introduction to Electronics - Students will study theory, circuitry, measurement, safety and use of electronics.
- 4) Introduction to energy, engines and motors – Students will explore what makes things move and how things work.

1020 CONSTRUCTION**GRADE LEVEL: 10, 11, 12****CREDIT: 1**

Prerequisite: EIT 1 or Ag Ed 1

Explore the world of carpentry with true application through hands-on learning. In this **two-period class**, students will investigate the theory and principles of building structures from design to final product through the use of a variety of materials, tools, and processes related to construction technology. A major element of the course will be the design and construction of actual structures. This practical class is a must for any student interested in any aspect of the construction industry.

COMPUTER-AIDED DRAFTING 1 & 2

Each of these courses explores different aspects of drafting and design. It is recommended that students take both Computer-Aided Drafting 1 and 2, if possible, as each focuses on different aspects of the design and technical drafting world; however, the courses do not need to be taken successively. *Both CAD 1 and CAD 2 are available as dual enrollment courses with students able to obtain high school credit and college semester credits through Gallatin College MSU. Dual credit students will be given enrollment preference in this course.*

1040 COMPUTER-AIDED DRAFTING 1**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

In this class, students will learn to visualize in both two and three dimensions, which will strengthen their ability to think precisely, as well as enable them to read and write the language of drawing. They will gain experience in making and reading working drawings using both traditional methods and with a computer. Students will gain knowledge of the computer as a drawing tool and of the commands needed to assist them in the completion of their drawings. This class will also explore some graphic arts techniques and the printing of 3-D mediums. *This is a Dual Enrollment option class.*

1041 COMPUTER-AIDED DRAFTING 2 **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
This class will explore the world of 3-D modeling from design work using 3-D modeling software to the creation of certain designs using CNC milling techniques and milling machines. Students will also investigate the world of architecture and house design, studying concepts such as ergonomics, energy efficiency, and green building, in addition to drawing plans and building models of their own designs. *This is a Dual Enrollment option class.*

1025 MANUFACTURING **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
Prerequisite: EIT 1 or EIT 2 or Ag Ed 1
This course will expose students to the wonderful world of manufacturing. Through lab activities students will learn the elements of manufacturing; from the design and development of a product, through the production, to the marketing and selling of the product. Other aspects of the class will include advertising, packaging, profit and loss analyses, and teamwork. Students will also be involved in the actual manufacturing of valued based products, which will incorporate the use of various materials, tools, and equipment. This class offers the student the ability to make some money, while at the same time the opportunity to learn some life-long skills. *Note: Manufacturing is scheduled at the same time as Advanced Materials Processing; students should not request both courses in the same school year.*

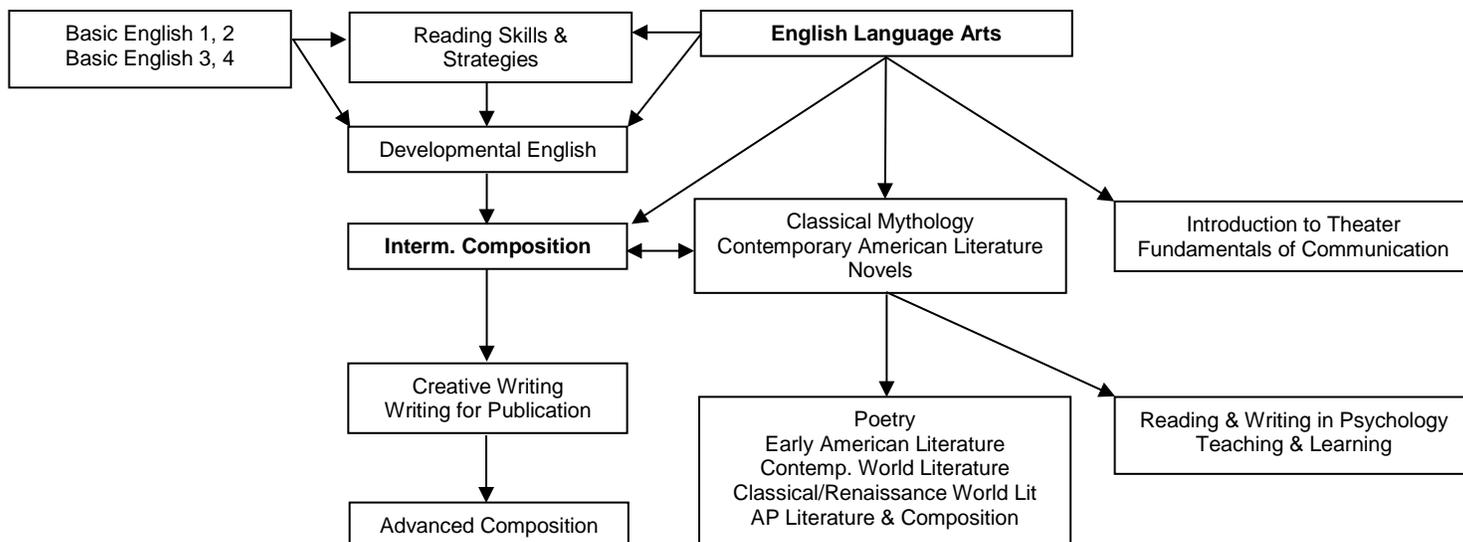
1026 ADVANCED MATERIALS PROCESSING **GRADE LEVEL: 11, 12** **CREDIT: ½**
Prerequisite: EIT 1 or EIT 2
This is a technical skills class designed for students who want to develop their knowledge and expertise in the building industry. This class focuses on the manipulation of different materials through the use of various tools and machines. The class will emphasize product design, proper tool use, and craftsmanship. Students will have the opportunity to learn about and use a variety of different design techniques, materials, and specialized tools. Students will then use this knowledge to solve problems and to produce products. *Note: Advanced Materials Processing is scheduled at the same time as Manufacturing; students should not request both courses in the same school year.*

1027 ENERGY, POWER AND TRANSPORTATION **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
This class is designed for those students that want to learn more about the mechanical systems that our technical world revolves around, as well as the energy systems that power them. This is a "hands on" class where students will use tools and equipment to develop, test, and maintain various mechanical and electrical systems. Students will also be placed into different problem solving situations in which they will utilize tools, equipment, knowledge and various power systems to accomplish specific tasks. "Build it, power it, and watch it move."

ENGLISH COURSE DESCRIPTIONS

In accordance with the established need to maintain an ongoing and consistent formal contact with their primary language, every student is required to be enrolled in an English class during each semester while in attendance at Park High School.

ENGLISH COURSE OFFERINGS & SEQUENCES



NOTE: Courses in **bold** are required in addition to the general literature and writing requirements.

College Preparatory Recommendations:

The Park High School English Department recommends the following for those students pursuing a college preparatory education, which will assist in developing their potential to successfully pursue college level work in the future. Adherence to these recommendations may also assist students in preparing for the Advanced Placement® (A.P.) Exams.

General Recommendations:

1. Take at least one English course each semester while enrolled at Park High School.
2. Enroll in at least one designated writing course each year while at Park High School.
3. Take an extra English course during at least one of the two semesters during both the junior and senior years while at Park High School.

English - Language Arts

0110 / 0111 ENGLISH LANGUAGE ARTS

GRADE LEVEL: 9

CREDIT: 1

Required for freshmen

English Language Arts is a required freshman course which stresses the integrative aspects of reading, writing, speaking, listening, and thinking. English Language Arts provides the student with work designed to improve basic skills in these areas and to prepare students for future English and other high school courses. A primary focus of the course will be on writing of an introductory nature where students will practice meaningful written expression in various essay styles and other formats.

0116 / 0117 READING SKILLS & STRATEGIES

GRADE LEVEL: 9, 10, 11

CREDIT: 1

Instructor consent required

This course explicitly teaches reading strategies that improve comprehension of fiction and non-fiction for students who struggle with reading. This Title 1 English class focuses instruction on critical reading, comprehension, acquiring academic vocabulary, and understanding (and applying) the metacognitive skills we use to help us understand what we read. This course is designed as an intervention to support those with below average reading skills (two or more years below grade level) in the content areas of English, Social Studies, and Science. This class is not a study hall. The goal is to expand students' literal, interpretive and evaluative comprehension skills so that they may read high school material with confidence.

0144 / 0145 BASIC ENGLISH 1, 2**GRADE LEVEL: 9, 10****CREDIT: 1*****Instructor consent required***

This course is designed to mimic the basic components offered in English Language Arts as well as increase student performance in the areas of reading and written language. Students will focus on reading comprehension, de-coding, fluency, vocabulary, basic writing skills and grammar.

0141 / 0142 BASIC ENGLISH 3, 4**GRADE LEVEL: 11, 12****CREDIT: 1*****Instructor consent required***

The Basic English 3, 4 course is designed to further student performance in the areas of reading and written language. Students will continue their focus on reading comprehension, de-coding, fluency, vocabulary, basic writing skills and grammar.

English - Speech**0126 FUNDAMENTALS OF COMMUNICATION****GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Recommended for sophomores***

This course is designed to improve student speaking and their ability to communicate in an oral manner. A variety of speaking situations are covered with an emphasis on interpersonal communication, speaking in front of groups, and learning how to control stage fright. It should be noted that oral communication skills taught in this class are consistently sought by employers.

English - Drama**0158 INTRODUCTION TO THEATER****GRADE LEVEL: 10, 11, 12****CREDIT: ½**

This beginning course is a survey of performance and non-performance aspects of theater, the greatest emphasis on the acting section with concentration on student participation. It introduces the student to pantomime, elements of play structure, improvisation, acting, interpretation, make-up, costume, voice, and diction.

English - Literature**0127 CLASSICAL MYTHOLOGY****GRADE LEVEL: 10****CREDIT: ½**

Classical Mythology is a semester length course which focuses on Greek, Roman, Norse, and Celtic Mythology (including the Arthurian Legends). The course will involve not merely the acquisition of factual knowledge, but will explore the nature of myth, its importance to and impact on Western civilization.

0122 CONTEMPORARY AMERICAN LITERATURE**GRADE LEVEL: 10, 11****CREDIT: ½**

Contemporary American Literature is designed to acquaint students with American authors from early 1900's to the present. The focus, in terms of student performance, is interpretive reading or reading for understanding. Towards these ends, students will discuss, write, and create projects that demonstrate their interpretive understanding of what they have read in class. Students will be expected to respond to the literature in a variety of ways including prepared essay response, essay tests, projects, and discussion.

0123 NOVELS**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

Novels covers selected readings from the Western world that date from the twentieth to the twenty-first centuries. The Novels course requires competent reading skills. The course introduces students to the aspects of literary analysis and will aid students in developing a critical sense of literature. The selections of novels for this course vary in complexity, subject, and length. Like in Contemporary American Literature, students will be expected to respond to the literature in a variety of ways including prepared essay response, essay tests, projects, and discussion.

0121 EARLY AMERICAN LITERATURE**GRADE LEVEL: 11, 12****CREDIT: ½**

Early American Literature is the first of two American Literature courses offered by the English Department. The two courses need not be taken in sequence nor is it necessary that both be taken. Early American Literature acquaints students with the chronological development of American Literature from its origins to the mid-1800's. Periods studied will be the Colonial, Revolutionary, Romantic, and Classical periods of American Literature.

0119 CLASSICAL/RENAISSANCE WORLD LITERATURE**GRADE LEVEL: 11, 12****CREDIT: ½**

Classical/Renaissance World Literature is an advanced literature course which studies the literary works of the classical and renaissance periods. Selected poems, plays and other literary works of the period will be read. Extensively written work in the form of analytical essays and reflective journal entries, along with class discussions, will facilitate reading and comprehension of these texts.

0134 CONTEMPORARY WORLD LITERATURE**GRADE LEVEL: 11, 12****CREDIT: ½**

Contemporary World Literature is an advanced literature course which studies the literary works of western world authors from the nineteenth and twentieth centuries. Selected poems, plays, novels, and short stories from French, German, Russian, and English authors will be read. Extensive written work in the form of analytical essays and reflective journals, along with daily class discussions, will facilitate reading and comprehension of these texts.

0139 POETRY**GRADE LEVEL: 11, 12****CREDIT: ½**

This course is aimed at developing a wide appreciation of poetry through critical study and creative expression. Students will read a broad selection of world poetry and pursue a more thorough examination of contemporary American poets. Class writing will involve analytical essays in addition to the writing of poems. The study of contemporary poetic structure will include investigating the influence of art and music on current writing. Students will collaborate on poetic interpretation and evaluation through discussion, writing and performance of poetic works, including their original poems.

0150 / 0151 AP ENGLISH LITERATURE & COMPOSITION**GRADE LEVEL: 12****CREDIT: 1*****Instructor consent required***

Advanced Placement® Literature and Composition is a year-long course for seniors which will provide students with a first year college-level experience. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide meaning. Students will consider a work's structure, style and themes, as well as elements such as the use of figurative language, imagery, symbolism, and tone. Writing assignments will focus on the critical analysis of literature and include expository, analytical, and argumentative essays. Although critical analysis makes up the bulk of student writing for the course, well-constructed creative writing assignments may help students see from the inside how literature is written.

English - Composition**0120 DEVELOPMENTAL ENGLISH****GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Instructor consent required***

Developmental English is a semester long remedial reading and writing course primarily for sophomores. Students are selected on the basis of teacher referrals and will work in a small class where they may receive maximum individual attention.

0124 INTERMEDIATE COMPOSITION**GRADE LEVEL: 10****CREDIT: ½*****Required for sophomores***

Intermediate Composition 1 focuses on essay writing. Students will write descriptive, narrative, expository, and critical essays of moderate length. This course is required prior to taking Creative Writing and/or Advanced Composition.

0132 CREATIVE WRITING**GRADE LEVEL: 11, 12****CREDIT: ½*****Prerequisite: Intermediate Comp. 1***

Creative Writing is a course designed to develop the creative writing abilities of students. The students will write short stories, plays, poetry and other genres of creative writing. Also, students will read, study and write analytical essays over various forms of literature.

0136 / 0137 WRITING FOR PUBLICATION**GRADE LEVEL: 10, 11, 12****CREDIT: 1**

This class produces both the monthly Geysers student newspaper and the yearbook. Students will learn about interviewing, photography, news, feature, opinion, and sports writing, page layout, marketing and advertising sales. Learn what it means to work with a journalism team to create a real product your peers will see! If you are creative and work well in a self-driven environment, consider joining our program.

0140 ADVANCED COMPOSITION**GRADE LEVEL: 11, 12****CREDIT: ½*****Prerequisite: Intermediate Comp. 1 with a "C" or better***

Advanced Composition is a one-semester, upper-level writing class which provides students with the opportunity to develop their compositional skills to a level which will allow them successful writing experiences during post-secondary education. Students will gain exposure to various authors, literary forms, and styles of writing. Additionally, they will practice literary analysis and criticism and be called upon to articulate complex issues through writing. High expectations will be placed on students both in regard to quality and volume of written work required.

English - Other**0155 READING AND WRITING IN PSYCHOLOGY****GRADE LEVEL: 11, 12****CREDIT: ½**

In this one-semester course, students will examine and apply psychological theory through writing, reading, speaking, listening, and close observation. From semester to semester, the specific content of the course will shift; however, central concepts and issues such as the history of psychology methodology, biopsychology, sensations and perception, learning and motivation, abnormal behavior, personality theory, and social psychology will most likely be addressed to some degree. Interpersonal and intrapersonal exploration will provide a connection to the human wellness aspect of the course and help establish the specific direction of our study. In addition to weekly reading and writing, students will be required to participate in weekly discussions and present independent projects quarterly. Students to enroll in this course will be required to complete additional reading and writing. Potentially, this writing could include academic research reviews, formal experimental write-ups, and reflective journals. *Note: Students may not take this course if they have already taken the Psychology course for Social Studies credit.*

7059 TEACHING & LEARNING**GRADE LEVEL: 11, 12****CREDIT: ½**

Teaching and Learning is a discussion-centered course designed to develop our critical understandings of public education and the role of classroom teachers in today's public schools. We will discuss what it means to know, to learn, and to teach. We will examine how public schools developed and changed over the last 100+ years and how the teachers' roles have evolved accordingly. We will look at challenges facing teachers today and society's expectations of teachers and public schools through short and longer texts of theory, practice, and teacher narrative. Our responses to texts include writing, both formal and informal, discourse, and presentation. Most importantly, we will begin to see the classroom as a place of work, of community, of inclusion, and of promise. As the teaching profession will be explored in depth, this will be an excellent course for anyone considering becoming a professional educator. *This is a Dual Enrollment option course intended for first-year college students to provide a platform for collegiate-level discourse.*

HEALTH ENHANCEMENT COURSE

DESCRIPTIONS

Health Enhancement - Required Courses

1350 FRESHMAN FITNESS GRADE LEVEL: 9 CREDIT: ½

Required for freshmen

The well-being of the body through good physical education is encouraged and enhanced in the Freshman Fitness course. Students will participate in a number of activities that teach and reinforce the concepts related to cardiorespiratory and core fitness. Students will understand and experience many of the overall benefits of physical activity and being physically active, and will also be encouraged to carryover the active lifestyle after the course is over. Enjoyment of being physically active is also encouraged so students will engage in fun activities that will promote a maximum amount of participation.

1351 FRESHMAN HEALTH GRADE LEVEL: 9 CREDIT: ½

Required for freshmen

Health Enhancement for freshmen encourages and promotes healthy lifestyle choices. Age-appropriate materials and activities will be used in topics that include, but are not limited to, social/emotional/mental wellness, muscle system and health, cardiovascular system, stress management, physical fitness concepts, nutrition, human reproductive health, healthy relationships, decision-making skills, and tobacco/alcohol/drugs.

1354 P.E./HEALTH 2 GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisites: Freshman Fitness & Freshman Health

Required for graduation

The P.E./Health 2 curriculum will call for a variety of individual, dual, and team sports, as well as a beginning foundation in weight training, core strengthening, and CrossFit activities that will provide wholesome physical activity while also developing a student's social, emotional, and intellectual skills. The activities review and expand upon skills covered in Freshman Fitness and Freshman Health courses and include, but are not limited to, fitness tests, tennis, aerobic/anaerobic conditioning, core strengthening, lacrosse, jump rope, and weight training activities. The health aspect of the curriculum will emphasize a sound understanding of the ability to deal with a variety of health issues including, but not limited to, peer/dating/teen to adult/teen to parent relationships, adolescence, adulthood, reproduction, sexually-transmitted infections, lifestyle/hereditary diseases, communicable/non-communicable diseases, and learning disabilities. Any topics that might be repeated or are a review from Freshman Health will be expanded upon and more extensively covered. Students will alternate between two weeks of P.E. and two weeks of Health, equating to nine weeks of each over the course of the semester.

Health Enhancement - Electives

1317 BEGINNING WEIGHT TRAINING GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

Prerequisite: Freshman P.E. / Freshman Fitness

Beginning Weight Training is for students who may not necessarily be involved in sports, but who are interested in improving themselves in the areas of strength and fitness. The class will focus on beginning lifters while also catering to those students who are interested in developing their understanding/skills of weight lifting.

1320 WEIGHT TRAINING GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisite: Freshman P.E. / Freshman Fitness

Each student is taught the basic principles of weight lifting. They are instructed how to correctly perform lifts and techniques to build strength, as well as develop character. This is a balanced fitness training program designed from the novice to experienced weight trainer. This includes the development of a personalized weight training and cardiovascular routine designed for growth in muscle endurance, strength, and cardiovascular fitness. This course is also designed to develop an increased knowledge of the different muscle groups that exist in the human body. Weight Training will explain the importance of muscular fitness and the advantage of muscular development. The instructor guides students to develop a weight training program that will benefit them on an individual basis. This course will also cover the following: skills tests, weight room terminology, and making and following a training program designed to build strength and endurance over time.

1347 ATHLETE CONDITIONING GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisite: P.E./Health 2 (may be taken concurrently)

Athlete Conditioning is an intense class designed to meet the needs of the serious athlete. This course will provide each individual with programs that will develop significant strength gains while also improving cardiovascular endurance. Testing in the areas of strength, explosive abilities, speed, and agility will take place throughout the semester. CrossFit activities will be an added tool to maximize the training of the athlete. Students will benefit from the opportunity to improve strength and conditioning during school hours through this course. Non-athletes are welcome into the class upon completion of the prerequisites and consent of the instructor.

INTERDISCIPLINARY ELECTIVES

COURSE DESCRIPTIONS

- 8080 BBBS CLASS ACT MENTORING** **GRADE LEVEL: 11, 12** **CREDIT: ½**
 In the Big Brothers Big Sisters (BBBS) Class Act Mentoring course, students will mentor at East Side School four days a week working one-on-one with an assigned child or children. Students will also attend a weekly class at Park High School, studying educational units focused on mentoring and community involvement. These units include, but are not limited to: BBBS Ground Rules & Guidelines, Being an Effective Mentor, Communication/Boundaries, Building Positive Relationships, Stages of Relationships, Child/Adolescent Social and Emotional Development, Troubleshooting Problems in the Relationship, Values Differences, Stress, and Child Abuse & Neglect. A student interview and recommendations are required for admission to the course.
- 8090 COMMUNITY 360°** **GRADE LEVEL: 11, 12** **CREDIT: ½**
 “We learn, we do, we give.” This course will create opportunities for students to engage in Livingston by exploring its history, investigating community resources and needs, and awarding grants based on their findings. Students will design a service-learning project to address a community need. This course is a community-based class and will require some time off-campus and interaction with community members during the school day. Community 360° is offered in partnership with Mountain Sky Guest Ranch and Shift Empowerment Programs.
- 0030 INDEPENDENT STUDY** **GRADE LEVEL: 11, 12** **CREDIT: ½**
Instructor & Principal consent required
 The Independent Study (IS) program is designed to provide learning opportunities for students to pursue areas of interest not currently offered at PHS. Examples may include higher levels of a course for a student who has already completed the available sequence of offerings, or a subject that is not currently offered. IS courses are offered as *elective* credit only with a Pass/Fail grade and are not intended to replace classes currently offered at PHS that do not fit into a student’s schedule. Students are limited to one (1) IS course per semester. **Independent Study applications must be submitted to the Principal by the deadline listed on the form.**
- 3200 REBOOT** **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
Instructor consent required
 Reboot is a credit recovery option available to students who have failed a previous course. Students will be enrolled in a Montana Digital Academy Connect credit recovery course, and are also expected to demonstrate adequate class participation. To be successful in the Reboot setting, students must be motivated self-learners and must demonstrate the ability to keep themselves on task.
- 8092 SELF-ADVOCACY & WORK SKILLS** **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
 Self-Advocacy and Work Skills (SAWS) is an interactive class for learning and connecting to understand how students’ high school education leads to their next academic or career steps. This course provides answers to the age-old question, “Why do I need to know this?” Career themes are woven into lessons linking PHS classes that meet college-ready standards with sequenced, high-quality career-technical education, work-based learning, and practical supports to help students navigate and transition to their future. Lessons center on critical thinking, problem solving, media and information literacy, and collaboration – essential skills in the workplace and in life. SAWS allows students to apply knowledge to make a plan for their future.
- 0045 STUDENT LIBRARIAN 1** **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
Librarian consent required
 This is an introductory course in library operations and daily procedures. Implicit in the curriculum is the development of a healthy work ethic, proper workplace etiquette, and public relations skills. Topics include cursory knowledge of library policies and legalities, library organization, and information retrieval. This course focuses on skills needed in an entry-level library job, whether the setting be a school, public, college, or special interest library. Skills learned here may also be used in course work in other content areas.
- 0046 STUDENT LIBRARIAN 2** **GRADE LEVEL: 11, 12** **CREDIT: ½**
Prerequisite: Student Librarian 1
Librarian consent required
 This course builds on knowledge gained by students enrolled in Student Librarian 1, which is a prerequisite for this course. Topics include introduction to the principles upon which library policy and legalities are based. More sophisticated reference help will be introduced as these students will be more actively involved in helping their peers use the library. Emphasis will be placed on the use of technology in the library and the role it plays in library management and information retrieval.
- 9994 / 9997 STRUCTURED STUDY A (Fall) / B (Spring)** **GRADE LEVEL: 9, 10, 11, 12** **CREDIT: ½**
Instructor consent required
 Structured Study offers students a defined, scheduled academic environment providing the opportunity to complete assignments and access school resources. Students are assigned to an instructor for the class period and are required to adhere to behavioral and academic expectations in order to earn credit. This course will also emphasize organization, reading comprehension, outlining, note-taking, test preparation and other student strategies in order to improve grades in all academic areas.
- 9995 / 9996 STUDY HALL A (Fall) / B (Spring)** **GRADE LEVEL: 9, 10, 11, 12** **CREDIT: 0**
 Study Hall is offered as an opportunity for students to read, complete their homework assignments, study for tests, and/or utilize the library. It has proven to be very successful for students who want to improve their grades, and/or are involved with athletics, extra-curricular activities, or working after school hours. Students not utilizing their time effectively will lose the opportunity to take study hall. No credit may be earned for Study Hall and only one Study Hall may be taken per semester. Once a semester begins, juniors and seniors may request to have their 1st or 7th period Study Hall changed to Off-Campus if they have a 3.2 GPA for the prior semester, have permission from their parent/guardian, and have signed a contract.

2003 SUPPORT CONTEMPORARY AMERICAN LIT GRADE LEVEL: 10, 11 CREDIT: ½

Instructor consent required

This course is designed to support the basic components offered in Contemporary American Literature, so students will be concurrently enrolled in both courses. Support Contemporary American Lit will also aim to increase student performance in the areas of reading and written language. We will focus on reading comprehension, de-coding, fluency, vocabulary, basic writing skills and grammar.

2000 / 2001 SUPPORT ELA GRADE LEVEL: 9 CREDIT: 1

Instructor consent required

This full year course is designed to support the basic components offered in English Language Arts as well as increase student performance in the areas of reading and written language. We will focus on reading comprehension, de-coding, fluency, vocabulary, basic writing skills and grammar. Freshmen who qualify for Support ELA must also be enrolled in the English Language Arts course as well.

2002 SUPPORT NOVELS GRADE LEVEL: 10, 11, 12 CREDIT: ½

Instructor consent required

This course is designed to support the basic components offered in Novels, so students will be concurrently enrolled in both courses. Support Novels will also aim to increase student performance in the areas of reading and written language. We will focus on reading comprehension, de-coding, fluency, vocabulary, basic writing skills and grammar.

0003 / 0004 WORK RELEASE A (Fall) / B (Spring) GRADE LEVEL: 12 CREDIT: 0

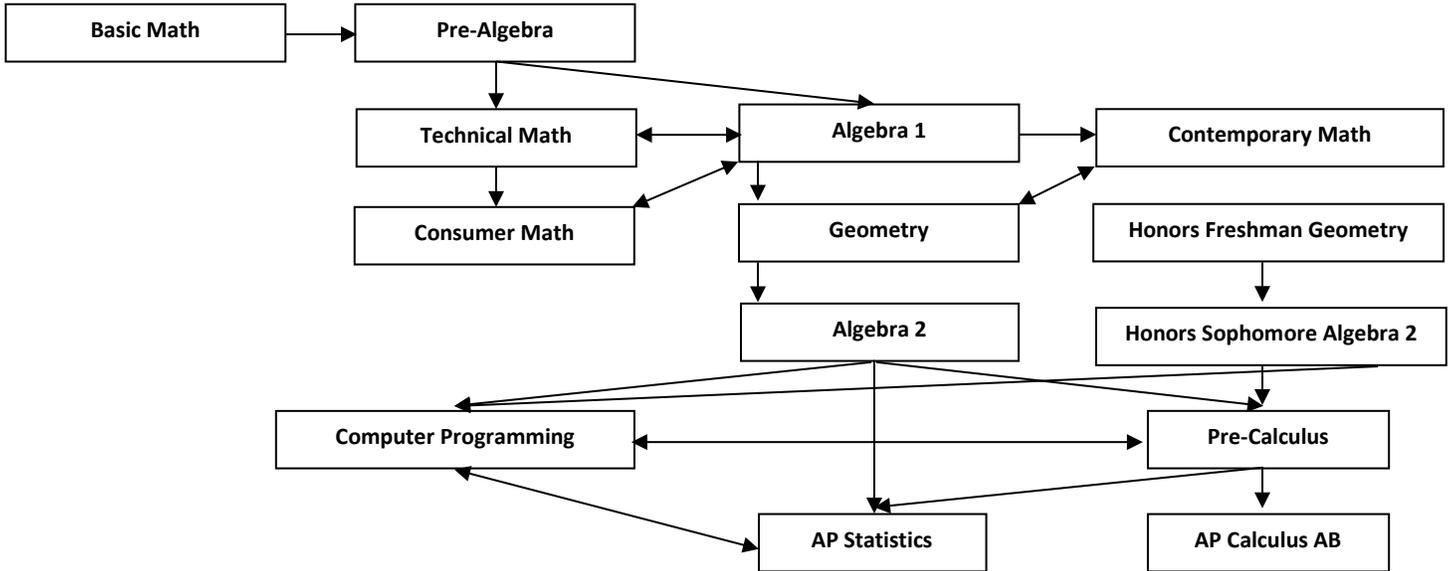
Seniors who are on track to graduate, who have a cumulative GPA of 2.5 or higher, and who can secure legitimate employment are eligible for Work Release. Students participating in this program may not be enrolled in both Study Hall/Aide and Work Release. Students may be released for up to two (2) class periods at the end of the day. Course credits are not given will be given for Work Release. Students must apply to the Assistant Principal each semester for inclusion in the program. Students and their employers are required to complete all application forms, submit proof of hours to the Business Teacher, and abide by all established guidelines to remain in the program.

MATHEMATICS COURSE DESCRIPTIONS

Students who do not pass the first semester of a year-long math class will be counseled as to whether continuation in the class is advisable. The student will discuss this matter with both the math teacher and guidance counselor.

Students who do not pass the second semester of a year-long math class may be required to repeat the first semester. This may be necessary to adequately prepare them to repeat the second semester. Credit received during the repeated semester will count towards graduation but not toward the math credit requirement for graduation.

MATHEMATICS COURSE OFFERINGS & SEQUENCES



Introductory Mathematics Courses

0266 / 0267 BASIC MATH
Instructor consent required

GRADE LEVEL: 9, 10, 11, 12

CREDIT: 1

This course is designed to prepare students with the essential math skills and number concepts required for real-world application and problem solving. General topics covered include, but are not limited to basic number operations, place value, money, decimal concepts and operations, fraction concepts and operations, measurement, percentages, basic geometry and essential consumer math concepts.

0206 / 0207 PRE-ALGEBRA

GRADE LEVEL: 9, 10

CREDIT: 1

This course is designed to prepare students with the basic skills necessary for success in Algebra 1. Topics to be covered will include basic number operations, introduction to variables, linear equations of one and two variables, ratios and proportions, and beginning properties of Algebra.

0208 TECHNICAL MATHEMATICS (Fall Semester)

GRADE LEVEL: 11, 12

CREDIT: ½

Prerequisite: Pre-Algebra; Instructor consent required

The Technical Mathematics course presents basic mathematical topics as they are applied in a trades program. Topics covered include use of measuring tools, measurement systems, dimensional arithmetic, percent, proportion, applied geometry, and basic trigonometry. *This is a Dual Enrollment option course.*

0220 / 0221 CONSUMER MATHEMATICS

GRADE LEVEL: 11, 12

CREDIT: 1

Instructor consent required

This course is devoted to typical, everyday consumer problems where mathematical skills often must be applied. General contents covered are buying problems, wages and commissions, borrowing money, saving and investing, house expenses, and taxes. Lifetime math skills are emphasized. This course is NOT recommended for students who have passed Algebra 1 with a "C" or better average. *Please note: Students who have taken or are planning to take Personal Finance and/or Intro to the Real World should not take this course.*

0210 / 0211 ALGEBRA 1

GRADE LEVEL: 9, 10, 11

CREDIT: 1

This is a one-year course that uses an integrated approach to teaching the beginning concepts of Algebra, the language of mathematics. Students will learn to apply linear and exponential equations and inequalities to real world situations. This course will introduce to students the beginning concepts of statistics and mathematical modeling. Emphasis will be placed on developing those skills necessary to continue in Geometry.

0215 CONTEMPORARY MATHEMATICS (Spring Semester) GRADE LEVEL: 11, 12 CREDIT: ½

Prerequisite: Algebra 1; Instructor consent required

The Contemporary Mathematics course is designed to give liberal arts students the skills required to understand and interpret quantitative information that they encounter in the news and in their studies, and to make numerically-based decisions in their lives. Topics include working with large numbers and units, linear and exponential relations, financial mathematics, and essentials of probability and statistics. *This is a Dual Enrollment option course.*

0222 / 0223 GEOMETRY GRADE LEVEL: 10, 11, 12 CREDIT: 1

Prerequisite: Algebra 1

Geometry is an integrated approach to mathematics where topics of geometry, algebra, and trigonometry will be taught. Students using appropriate mathematics and technology solve real world problems. The objectives of this class are to help students grow in their ability to reason deductively as well as inductively. Analyzing and solving problems involving area, volume, trigonometry, and coordinate geometry will be explored.

0216 / 0217 HONORS FRESHMAN GEOMETRY GRADE LEVEL: 9 CREDIT: 1

Instructor consent required

Honors Freshman Geometry is an algebra-intensive, integrated approach to mathematics where topics of geometry, algebra, and trigonometry will be taught. Real world problems are solved by students using appropriate mathematics and technology. The objectives of this class are to help students grow in their ability to reason deductively as well as inductively. Analyzing and solving problems involving area, volume, trigonometry, and coordinate geometry will be explored. This class is fast-paced, demanding and is designed for highly motivated freshmen that have completed eighth grade advanced math. A recommendation by the eighth grade instructor is also required for admittance to this class.

Advanced Mathematics Courses

0230 / 0231 ALGEBRA 2 GRADE LEVEL: 10, 11, 12 CREDIT: 1

Prerequisite: Geometry

A continuation of Algebra concepts, this course consists of a deeper understanding of the real and rational number systems along with a review of polynomials. Other topics include a review and extension of linear functions, second degree functions, systems of equations, exponential functions, logarithmic functions, circular functions, complex numbers, probabilities, matrices, and determinants. This course is NOT recommended for students who have not passed Algebra 1 with a "C" or better average.

0238 / 0239 HONORS SOPHOMORE ALGEBRA 2 GRADE LEVEL: 10 CREDIT: 1

Prerequisite: Honors Freshman Geometry

A continuation of Algebra concepts, this course consists of a deeper understanding of the real and rational number systems along with a review of polynomials. Other topics include a review and extension of linear functions, exponential functions, logarithmic functions, common and natural logs, circular functions, conic sections and their relation to quadratic equations, complex numbers, probabilities and some statistics, sequences and series, matrices, and determinants. This course is designed for SOPHOMORES that have been successful in Geometry their freshman year.

0250 / 0251 COMP. PROGRAMMING & APPLIED MATH GRADE LEVEL: 11, 12 CREDIT: 1

Prerequisite: Geometry and Algebra 2

This course introduces students to the use of computers in real-world mathematics applications, and provides an opportunity to learn to code. The first semester focuses on using spreadsheets for mathematical modeling, and learning the fundamentals of coding through the programming language *Python*. The second semester introduces students to the use of HTML and JavaScript, and provides students with the opportunity to branch-out into programming languages of their choice. Topics covered in this class include analysis of motion, creation of programs that can be used in the work-force, cryptography, simulations, and coding simple computer games. This course is project-based and is highly recommended for students who wish to pursue careers in science, engineering, computer science, or mathematics.

0280 / 0281 AP STATISTICS GRADE LEVEL: 11, 12 CREDIT: 1

Prerequisite: Algebra 2

In Advanced Placement® Statistics, students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from real world data. Students are exposed to four main themes: sampling and experimentation, exploring data, probability and random variables, and statistical inference. As an A.P. class, this class will be taught as an equivalent to a college-level statistics class so expectations are high. It is a challenging math course that incorporates reading, analyzing, thinking and writing clearly. The course culminates with the A.P. exam, giving students the opportunity to demonstrate the knowledge and skills required to receive college credit.

0232 / 0233 PRE-CALCULUS GRADE LEVEL: 11, 12 CREDIT: 1

Prerequisite: Geometry, and grade "C" or better in Algebra 2

The primary purpose of Pre-Calculus is to prepare the student for an introductory Calculus course at the college level. Pre-Calculus provides a review as well as further development of topics encountered in Algebra 2 and Geometry. The second semester will be a study of trigonometry. This course requires strong math skills and a thorough understanding of both Algebra 2 and Geometry. Pre-Calculus is a DEMANDING, UPPER-DIVISION, ELECTIVE MATH COURSE requiring a commitment to hard work.

0270 / 0271 AP CALCULUS AB GRADE LEVEL: 11, 12 CREDIT: 1

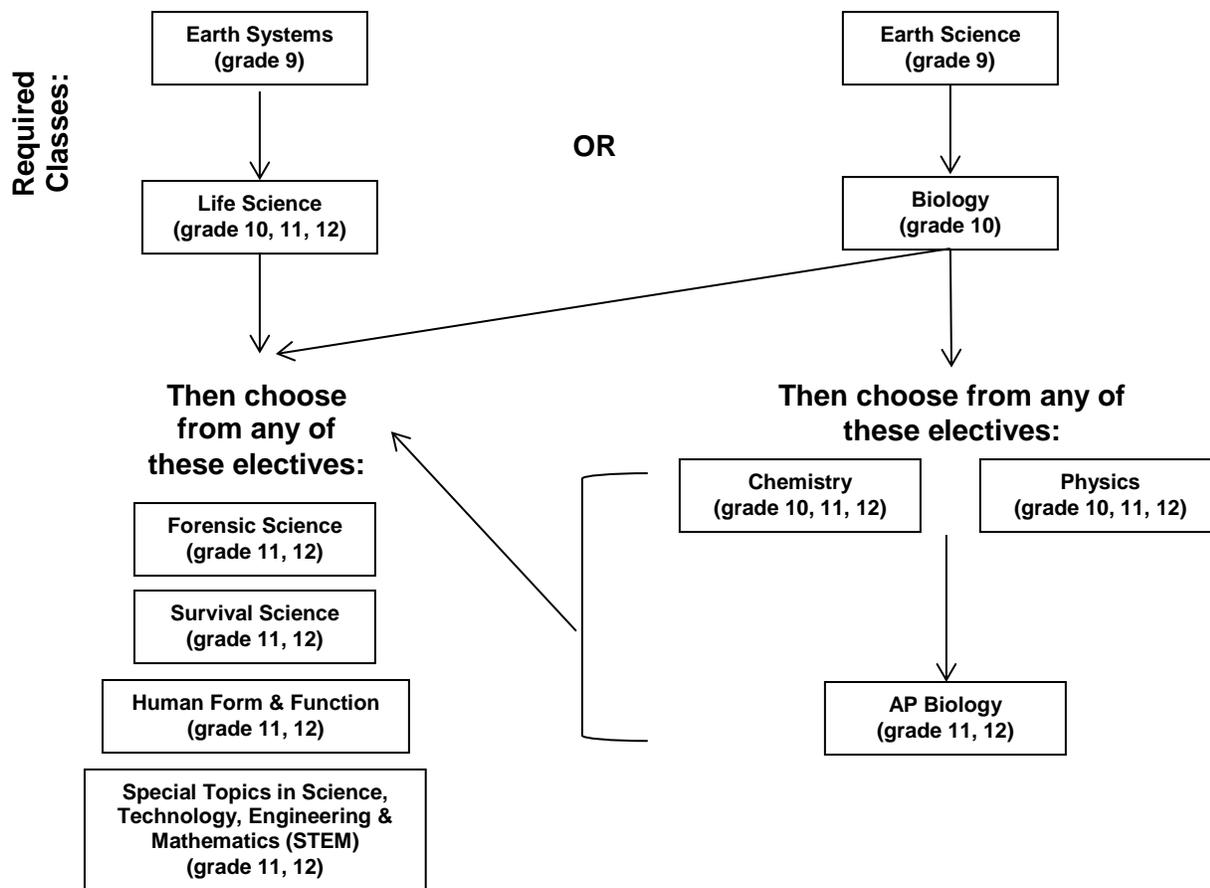
Prerequisite: Pre-Calculus

Calculus is the study of motion and change. Students will study limits, derivatives, and integrals. This course is highly recommended for those anticipating enrollment in Calculus at a college level. As an Advanced Placement® course, this class will be taught as an equivalent to a collegiate Calculus I class. As such, students should expect a heavy workload. This course culminates with the AP Exam, giving students the opportunity to demonstrate the knowledge and skills required to receive college credit.

SCIENCE COURSE DESCRIPTIONS

Recommendations for Science: Students are strongly urged to take at least one science laboratory class during their junior or senior year. This is beyond the two credits of science required for graduation.

SCIENCE COURSE OFFERINGS & SEQUENCES



0308 / 0309 EARTH SYSTEMS

GRADE LEVEL: 9

CREDIT: 1

Instructor consent required

This course is an overview of Earth's relationships through the study of geology, the environment, and the universe. It will cover erosion, climate, weather, rocks and minerals, Earth's history, and Sun, Earth, and Moon relations. This is an individually-paced Earth Science course. Students must be recommended by a science instructor to enroll in this course.

0310 / 0311 EARTH SCIENCE

GRADE LEVEL: 9

CREDIT: 1

Required for freshmen

This course covers the foundations of Earth Science. Topics include minerals and rocks, the changing of Earth's surface through weathering, agents of erosion, and freshwater systems. The processes in Earth's air and water are examined with their relationship to weather and climate, along with the results of Earth's internal processes, including plate tectonics, earthquakes, and volcanoes. Earth's history, fossils, and geologic formations are emphasized through field trips. Students will be made aware of Earth's resources as related to energy and the environment. Aspects of astronomy to be covered are space technology and the relationships between the Earth, moon, and sun. Lecture, discussion, note-taking, individual and group work, research, paper writing, presentations, and labs are all included in this course.

0314 / 0315 LIFE SCIENCE

GRADE LEVEL: 10

CREDIT: 1

Instructor consent required

Life Science covers the study of ecology, cell structure and function, basic genetic principles, natural selection, classification and microscopic organisms. A variety of instructional strategies including hands-on activities, labs, research, and group projects will guide student learning. Basic lab skills and techniques will be developed throughout the course. This is a remedial biology course and students must be recommended for enrollment by a science instructor.

0320 / 0321 BIOLOGY**GRADE LEVEL: 10****CREDIT: 1****Required for sophomores**

The basic biology class explores the world of living organisms. The study of ecology, populations and ecosystems will be covered utilizing the local wood lot and Mill Creek drainage as laboratory resources. Further study will cover such topics as matter and energy in life, cellular structure and function, cellular division, genetics and natural selection. Proficient use of laboratory tools such as the microscope and scientific probeware, along with laboratory skills and methods, will be emphasized throughout the year.

0322 SURVIVAL SCIENCE**GRADE LEVEL: 11, 12****CREDIT: ½****Prerequisite: Biology or Life Science**

The goals of this class are to increase science achievement by making science relevant and interesting, to encourage students to participate safely in outdoor activities, to practice problem solving, and to develop independent and teamwork skills. This class is very hands-on and activity based where students learn by doing. Students will develop winter and wilderness survival skills including snow science and avalanche safety, map and compass skills, orienteering, using avalanche beacons, building a fire with limited resources, water collection and purification, and constructing shelters. Mountain travel, wilderness medicine and rescue techniques will also be learned by hands-on activities and field days. Students must be willing to work with and be graded as a group. Students' grades will be partially calculated on attendance and participation in three field days. Enrolled students must have a good attendance history.

0323 FORENSIC SCIENCE**GRADE LEVEL: 11, 12****CREDIT: ½****Prerequisite: Biology or Life Science**

This course focuses on various aspects of forensic science and modern criminal investigation analysis. Topics may include structures and functions of the human body, toxicology, serology, forensic DNA analysis, fingerprint and trace evidence interpretation, and other forms of physical evidence. This course will focus on problem solving, with an emphasis on using research and forensic procedures to synthesize information and make evidence-based conclusions. Students will write reports that record their results, conclusions and analyses of case studies and investigations.

0325 HUMAN FORM AND FUNCTION**GRADE LEVEL: 11, 12****CREDIT: ½****Prerequisite: Earth Science/Earth Systems and Biology/Life Science**

This course is a study of anatomy and physiology for anyone interested in the healthcare field. This course is designed to develop a working knowledge of human anatomy (form), physiology (function), and pathology (diseases), including etiology, prognosis, medical treatment, signs and symptoms of diseases of muscular, skeletal, nervous, cardiovascular, and lymphatic systems. The methods of instruction are lecture with student participation in summarizing discussions, as well as case study reasoning. This course has a laboratory component which includes instructor demonstration followed by student performances in specimen-based inquiry, demonstration of use of medical technology, and performance-based assessments. *Human Form and Function is a Dual Enrollment option class.*

0330 / 0331 CHEMISTRY**GRADE LEVEL: 10, 11, 12****CREDIT: 1****Prerequisite: Algebra 2 (may be taken concurrently) or Instructor consent**

This course is designed to build a strong foundation in skills and language that will benefit the student in future college classes. Physical chemistry will be emphasized. Students will learn about atomic theory, periodicity, bonding, chemical reactions, stoichiometry, kinetic theory, gas laws, solutions and acids & bases. All students will be required to provide a 3-ring binder and dividers to be used every day in class. Each chapter will be supported by POGILS (Process-Oriented Guided Inquiry Learning), summarizing discussions, and labs which will challenge each student to think analytically and in depth about each topic. Strong written communication is expected and will be shown through students' expressed laboratory conclusions, along with required research assignments addressing chemical concepts and their effects on contemporary issues. This course is a demanding, upper-division elective science course which requires strong math skills and a commitment to hard work. Students must have a grade "C" or higher in Chemistry first semester in order to proceed to the second semester. If a student is taking Algebra 2 concurrently, the student must have a grade "C" or higher in Algebra 2 first semester in order to proceed with the second semester of Chemistry.

0332 / 0333 PHYSICS**GRADE LEVEL: 10, 11, 12****CREDIT: 1****Prerequisite: Grade "B" or better in both Algebra 2 & Geometry; may take concurrently with Algebra 2 only with Instructor consent**

Students in Physics will construct conceptual models using mathematics, Socratic discussions and problem-solving with peers, and laboratory investigations. Topics include motion, force, energy, waves, light, and electricity. Considerable attention will be given to the concepts of mechanics. Additional special topics include quantum theory, Einstein's theories of relativity, plasma, fusion and rocketry. Students will be required to reason, to work collaboratively, and to develop and express their thoughts in a clear and concise manner.

0340 SPECIAL TOPICS IN STEM**GRADE LEVEL: 11, 12****CREDIT: ½****Prerequisite: Earth Science/Earth Systems and Biology/Life Science and Instructor consent**

A college preparatory, inquiry-project-based learning course designed to engage students in real ventures, and scenarios using Science, Technology, Engineering and Mathematics (STEM). This course is designed for the highly motivated student, and will be a student-directed education setting. Potential endeavors may include but are not limited to: Science Olympiad, Science Fair, various STEM-related nationwide projects, independent "capstone" research projects, NASA curriculum projects, local environmental projects, interdisciplinary tasks such as mentoring and instruction by students of younger peers in science topics, rocketry and high altitude ballooning, research using professional science journals, seminars, and STEM community partnerships.

0350 / 0351 AP BIOLOGY**GRADE LEVEL: 11, 12****CREDIT: 1****Prerequisite: Grade "B" or better in Biology and Chemistry or Instructor consent**

Advanced Placement® Biology focuses on four big ideas: the process of evolution, energy and molecular building blocks usage in living systems, how living systems deal with essential processes, and how those systems and their interactions possess complex properties. This AP class is taught as an equivalent to a college-level biology class; it is challenging and demanding, and as such, expectations are high. Students will have the opportunity to take the AP Exam at the culmination of the course to demonstrate knowledge and skills necessary to receive college credit.

SOCIAL STUDIES COURSE DESCRIPTIONS

0420 / 0421 HISTORY OF THE WORLD

GRADE LEVEL: 10

CREDIT: 1

Instructor consent required

History of the World is an overview of the development of civilization from early river civilizations, to Greece and Rome, and finally the rise of European nationalism and culture. The history of China, India, and the Middle East are also covered. The course utilizes a variety of teaching strategies to promote individual learning achievement. This is a remedial history course, so students must be recommended to enroll in the course.

0422 / 0423 WORLD HISTORY

GRADE LEVEL: 10

CREDIT: 1

Required for sophomores

World History explores and examines the time period from the Roman Empire to the end of World War II. First semester's syllabus includes the Roman Empire to the Renaissance, and second semester covers the events from the Scientific Revolution to the end of World War II.

0426 / 0427 AP EUROPEAN HISTORY

GRADE LEVEL: 10

CREDIT: 1

Meets the World History requirement

Instructor consent required

The Advanced Placement® World History course focuses on developing students' understanding of European history from approximately 1450 to the present. The course has students investigate the content of European history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction of Europe and the world; poverty and prosperity; objective knowledge and subjective visions; states and other institutions of power; and individual and society) that students explore throughout the course in order to make connections among historical developments in different times and places. *Students are required to complete an application to be admitted to this college-level course.*

0430 / 0431 HISTORY OF THE U.S.

GRADE LEVEL: 11

CREDIT: 1

Instructor consent required

In this course, students will delve into major events in the history of our country from early exploration years to the present. Participation in classroom discussion and activities is an integral part of History of the U.S. This is a remedial course and requires instructor approval in order to enroll.

0432 / 0433 U. S. HISTORY

GRADE LEVEL: 11

CREDIT: 1

Required for juniors

This course is a topical, chronological study of historical events in the development of this nation's government, society, and culture with an emphasis of themes as well as the significance of events. The course covers the periods of early exploration to the present time with objective judgments and interpretation on major issues and events.

0440 AMERICAN GOVERNMENT

GRADE LEVEL: 12

CREDIT: ½

Instructor consent required

In American Government, students will explore the political system of the United States, learning about the structure and function of the three branches of the government, as well as the Constitution. Students will also examine current issues in government at the federal, state, and local levels. American Government is a remedial course and requires teacher approval for enrollment.

0441 U.S. GOVERNMENT

GRADE LEVEL: 12

CREDIT: ½

Required for seniors

This semester-long course is a study of the structure, principles and practices of the United States political system. Students will examine the specific responsibilities and functions of the executive, legislative, and judicial branches, as well as the interaction of the three branches, the distribution of power, checks and balances, and the constitutional origins of the U.S. Government. Current issues at the federal, state, and local government levels are also discussed and examined.

0450 ECONOMICS

GRADE LEVEL: 11, 12

CREDIT: ½

Economics is designed as an introductory overview to post-secondary economics courses required for many college degrees. The Economics class will give students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course covers both macro and micro aspects including, but not limited to, saving and investing, the law of supply and demand, forms of business, money and banking systems, government finances and influence on the economy, money and prices, and inflation and deflation cycles. Using a variety of simulations and interactive activities, students will acquire knowledge to enhance their understanding of the broader economic questions of our day. Students will also engage in a statewide 10-week stock market game.

0452 MONTANA NATIVE AMERICAN STUDIES

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

This semester-long class is designed to examine the historical, cultural, and political aspects of the various Native American tribes in the Montana region. Students will also be introduced to some of the various military conflicts and government policies that have impacted this group of Americans. Along with the normal dissemination of information, students can expect to be working on independent projects to help the class learn about the various tribes of Montana throughout the semester.

0454 MONTANA / WESTERN STUDIES GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

This semester long class will examine in detail the historic events that shaped the American west, along with other cultural attributes of the old West. Much emphasis will be placed on Montana history. This course is designed to help students understand the development of the United States from 1800 to 1900 west of the Mississippi. Students will also study early Native American culture mainly in Montana. If you are interested in topics that range from the mountain man to Lewis and Clark to mining frontiers to gunfighters to the real life of the cowboy to Indian conflicts out west, then this is the class for you. Several hands-on projects, field trips, and guest speakers are used in this class to help students understand various units.

0456 PSYCHOLOGY GRADE LEVEL: 11, 12 CREDIT: ½

In this one-semester course, students will examine and apply psychological theory through writing, reading, speaking, listening, and close observation. From semester to semester, the specific content of the course will shift; however, central concepts and issues such as the history of Psychology methodology, biopsychology, sensations and perception, learning and motivation, abnormal behavior, personality theory, and social psychology will most likely be addressed to some degree. Interpersonal and intrapersonal exploration will provide a connection to the human wellness aspect of the course and help establish the specific direction of our study. In addition to weekly reading and writing, students will be required to participate in weekly discussions and present independent projects quarterly. *Note: Students may not take this course if they have already taken the Reading and Writing in Psychology course for English credit.*

0458 WORLD CULTURES GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

Recommended for freshmen

This semester-long course is designed to give students an understanding of the concepts of global village and interdependencies which exist in today's modern world. Students will understand and examine the historical, economic, cultural, and political aspects of the following areas of the world: the Pacific Rim Nations, the Middle East, Africa, Central and South America and the European Nations. This course is strongly recommended for those students who wish to participate in the Model United Nations program.

0460 WORLD TODAY GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

In this class, students will study and comprehend important issues happening in today's world. They will interact with each other in class discussions that will involve research by the students on the issues that interest them. Hopefully, students will develop higher thinking skills, share ideas in exchanges not scripted or controlled by the teacher. Students will utilize various forms of media, including Internet, newspaper study, as well as other basic research forms to gain the information needed to challenge the class. Individual work will focus on projects that deal with specific issues in detail.

VISUAL & PERFORMING ARTS PROGRAMS

Performing Arts Course Descriptions

1110 / 1111 CONCERT BAND

GRADE LEVEL: 9, 10, 11, 12

CREDIT: 1

Instructor consent required

Concert Band is open to all instrumental students at Park High School. Concert Band is a year-long course and is intended as a class to further the musical ability of any instrumental music student, as well as offer opportunities for small ensemble participation. Concert Band performs at four formal concerts per year, and members also participate in Pep Band.

1120 / 1121 WIND ENSEMBLE

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Instructor consent required

Wind Ensemble is the premier wind band at Park High. In this year-long course, participation is granted exclusively by audition. Wind Ensemble students play the highest level of wind band literature and participate in District Music Festival as a large ensemble, soloists, and members of small ensembles. Wind Ensemble performs at four formal concerts per year, and members also participate in Pep Band.

1130 / 1131 JAZZ ENSEMBLE

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

Instructor consent required and must be enrolled in a large ensemble (band or choir)

Jazz Ensemble is the premier jazz band at Park High and participation is granted exclusively by audition. Through the study of performance, improvisation, theory, and history, this year-long course is designed to teach students the established understanding of the jazz idiom. Many styles of Jazz (Swing, Latin, Funk, Rock, etc.) from the 1940's to the present will be covered. Based on their audition, students will be assigned to one of two sections: the intermediate section, which meets at 7:20 a.m. on Mondays, Tuesdays, & Wednesdays, or the advanced section, which meets at 7:20 a.m. on Wednesday, Thursdays, and Fridays. Students will earn ¼ credit per semester.

1140 / 1141 CONCERT CHOIR

GRADE LEVEL: 9, 10

CREDIT: 1

This organization of male and female voices will explore various styles of music both secular and sacred. Emphasis is given to the development of musical, vocal and performance skills. Concert Choir will perform for Fall, Christmas, and spring concerts. Due to limited enrollment, Concert Choir is open only to interested singers in Grades 9 and 10; no audition is required.

1150 / 1151 CHAMBER SINGERS

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Instructor consent required

Membership is based on audition only! This ADVANCED ensemble will concentrate on classic choral literature, both sacred and secular, with an emphasis on a cappella music. Fall, Christmas and spring concerts, Music Festival, and programs for civic organizations will be performed.

1160 / 1161 ZERO HOUR CHOIR

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

This organization of male and female voices will explore various styles of music both secular and sacred. Emphasis is given to the development of musical, vocal and performance skills. Zero Hour Choir will perform for fall, Christmas, and spring concerts. Zero Hour is open to all interested students in grades 9-12 with no audition required. Students who cannot fit choir into their daily schedule, and those who would like a second choir class are encouraged to enroll. This class meets from 7:15 to 8:00a.m. on Monday, Tuesday and Wednesday mornings. Students will earn ¼ credit per semester.

Visual Arts Course Descriptions

Through art classes, students will learn to express their ideas, involve themselves in examination and appraisal of works of art and develop aesthetic, creative and intuitive approaches to problem solving which they will use the rest of their life.

0830 PRINTMAKING & GRAPHIC DESIGN

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

This course is a combination class. Students are introduced to graphic design as a form of visual communication. After acquiring a historical context of graphic design, students will learn elements and principles of design, typography, creative problem solving, design layout, and artistic perception. Student skills and knowledge will then be applied to hand created and computer created forms of printed communication. Class design projects will focus on visual communication, such as advertisements, package design, logos, business materials, posters, CD covers, book illustration, and T-shirt design. Hand created projects will lead into learning about the four main printmaking techniques: Relief, Intaglio, Planographic, and Screen printing. Students learn to talk about and present their artwork through class critiques and presentations as well as creating a final portfolio.

0810 VISUAL ARTS

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

Visual Arts is an introductory class for all students with any level of art experience. A common myth is that drawing is a talent you have or you don't. The truth is ... it is learnable! After applying principles and tools like measurement, perspective, and value, students quite often are amazed at what they can do by the end of the semester. This course will introduce students to the world of art through an introduction to and experiences with two-dimensional art processes, including the foundations of drawing, painting and composition. Students will gain knowledge and experience in the use of graphite, pen and ink, scratchboard, and transparent watercolor, to name a few. History of the different time periods of art and artists will also be studied. A strong work ethic combined with creative problem solving is encouraged at all times. Quality student artwork will be exhibited in Student Art Shows. Visual Arts is the prerequisite course to Drawing and Painting.

- 0812 DRAWING** **GRADE LEVEL: 9, 10, 11, 12** **CREDIT: ½**
Prerequisite: Visual Arts with a "C" or better
 Students in the Drawing class will continue their individual skill level, continually exploring and pushing themselves with advanced techniques, skills and concepts of two-dimensional work. Students will work with and explore the elements of art, principles of design, and composition while working with the drawing mediums of graphite, pen & ink, charcoal, scratchboard, chalk pastel, oil pastel, colored pencils, and watercolor pencils. Students will continue to explore artists and time periods in the history of art. Personal expression, creative problem solving and a high level of work ethic will consistently be expected. Building a digital portfolio of work through the years will be encouraged. Quality student artwork will be exhibited in Student Art Shows twice each semester. Students may take Drawing as many times throughout the 4 years as their individual schedule allows as long as they have earned a "C" or better in the prerequisite and/or prior class.
- 0814 PAINTING** **GRADE LEVEL: 9, 10, 11, 12** **CREDIT: ½**
Prerequisite: Visual Arts with a "C" or better
 Students in the Painting class will be introduced to a variety of painting mediums and their methods of use. These will include transparent watercolor, gouache, tempera, acrylic, chalk pastel, and oil pastel. Basic drawing skills will be revisited as necessary. The elements of art, principles of design, color theory, composition, artists and time periods of art history will be included. Throughout this course, students will have opportunities for experimentation with various styles of expression while developing their own personal techniques. Students will advance their level of problem solving, their self-discipline, while developing an understanding of their brushwork, their compositions, and their use of color. A high level of work ethic is a necessity for success in this class. Building a digital portfolio of work through the years will be encouraged. Quality student artwork will be exhibited in Student Art Shows twice each semester. Students may take Painting as many times throughout the 4 years as their individual schedule allows as long as they have earned a "C" or better in the prerequisite and/or prior class.
- 0850 DIGITAL PHOTOGRAPHY 1** **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
 Students will learn the history of film and digital photography, basic digital camera functions and techniques, photographic composition, uploading/organizing digital photographs, and basic photo editing techniques using Adobe Photoshop CS6. Students learn to talk about and present their artwork through class critiques and presentations as well as creating a final portfolio. Students are highly encouraged to use their own camera, but it is not a requirement.
- 0852 DIGITAL PHOTOGRAPHY 2** **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
Prerequisite: Digital Photography 1 with a "C" or better
 This course builds upon the photographic art concepts and techniques introduced in beginning photo class to expand student knowledge and skills. Although techniques and methods in both historical and modern photography will be taught, the photographic work completed in this class will be in Digital form. A higher degree of creativity and effort is required through instructor-guided as well as self-guided photographic endeavors. Critiques, presentations, and a final portfolio review will be used to allow students to explain their artwork. Students are highly encouraged to use their own camera, but it is not a requirement.
- 0854 DIGITAL PHOTOGRAPHY 3** **GRADE LEVEL: 11, 12** **CREDIT: ½**
Prerequisite: Digital Photography 2 with a "C" or better and Instructor consent
 In this class students will be encouraged to seek new approaches to photographic creativity through self-guided photographic endeavors. Photographic work completed in this class will be in Digital form; however, major emphasis will be placed on using combinations of different techniques to achieve creative personal expression. Critiques, presentations, and a final portfolio review will be used to allow students to explain their artwork. Students are highly encouraged to use their own camera, but it is not a requirement.
- 0860 POTTERY 1** **GRADE LEVEL: 9, 10, 11, 12** **CREDIT: ½**
 Origins of clay, clay types, properties of clay, basic hand-building techniques, basic wheel throwing techniques, surface decoration, glazing techniques, and an understanding of the kiln firing process will be taught. Low-fire earthenware clay will be used to create instructor-guided pottery forms with an emphasis on design and individual creativity.
- 0862 POTTERY 2** **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
Prerequisite: Pottery 1 with a "C" or better
 Pottery 2 builds upon the techniques learned in Pottery 1. Students will be encouraged to seek new personal approaches using the techniques of hand building, wheel throwing, decorating, and glazing forms of low-fire earthen clay. A higher degree of historical knowledge, cultural knowledge, and technical knowledge will be taught. A higher degree of craftsmanship, creativity, and effort is required for this class.
- 0864 POTTERY 3** **GRADE LEVEL: 11, 12** **CREDIT: ½**
Prerequisite: Pottery 2 with a "C" or better AND Instructor approval
 Pottery 3 allows the student to further explore the clay medium. Students will be encouraged to seek new approaches to creative problem solving through self-guided and instructor-guided experimentation and exploration. A major emphasis will be placed on using different combinations of techniques to achieve creative personal expression. A high degree of craftsmanship, creativity, and effort is required for this class.

WORLD LANGUAGES COURSE DESCRIPTIONS

If a student is interested in learning a world language, it is beneficial to study that language for a minimum of two (2) years. **Attention Incoming Freshmen Students and Parents:** Students choosing to study a world language should have well-developed study skills, consistent school attendance, and active participation in classroom discussions, as well as complete daily assignments/homework. All of the above-mentioned skills are essential to learning a world language.

0610 / 0611 SPANISH 1

GRADE LEVEL: 9, 10, 11

CREDIT: 1

Students will practice all four language skills: reading, writing, speaking, and listening. They learn basic grammar, including verbs in the present and past tenses. Vocabulary includes basic greetings, classroom words, family members, telling time, etc. Cultural similarities and differences are explored. Students must have a grade of "C-" or better at the end of the first semester or permission from the Spanish instructor in order to take the class second semester.

0620 / 0621 SPANISH 2

GRADE LEVEL: 9, 10, 11, 12

CREDIT: 1

Prerequisite: Spanish 1 with a "C-" or better

Students continue to practice all four language skills with emphasis on communication. Grammar learned is more complex, including both past tenses and commands. Students write original paragraphs and read simple stories in Spanish. Students must have a grade of "C-" or better at the end of the first semester or permission from the Spanish instructor in order to take the class second semester.

0630 / 0631 SPANISH 3

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Prerequisite: Spanish 2 with a "C-" or better

This class will consist of advanced grammar studies, more vocabulary, reading short stories, listening comprehension, and conversation. Paso a Paso texts 2 and 3 are utilized. Literature, such as an annotated version of Don Quijote will also be explored. Culture, with an emphasis on travel, will be explored also. Students must have a grade of "C-" or better at the end of the first semester or permission from the Spanish instructor in order to take the class second semester. *Spanish 3 is a Dual Enrollment option class.*

0640 / 0641 SPANISH 4

GRADE LEVEL: 11, 12

CREDIT: 1

Prerequisite: Spanish 3 with a "C-" or better

As in Spanish 3, emphasis will be placed on being able to communicate in Spanish. The majority of this class is conducted in Spanish and students will be expected to communicate in Spanish. Students must have a passing grade at the end of the first semester in order to take the class second semester. *Spanish 4 is a Dual Enrollment option class.*

0650 / 0651 GERMAN 1

GRADE LEVEL: 9, 10, 11

CREDIT: 1

Students will practice all four language skills; reading, writing, speaking and listening. They will learn grammar, including verbs in the present, past and future tenses. Vocabulary includes basic greetings, classroom words, family members, telling time, and basic conversation. Cultural similarities and differences are explored, along with the geography of all German-speaking countries. Students must have a grade of "C-" or better at the end of the first semester or have permission from the German instructor in order to take the class second semester.

0660 / 0661 GERMAN 2

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Prerequisite: German 1 with a "C-" or better

Students will continue to practice all four language skills with an emphasis on communication and reading comprehension. Grammar learned is more complex including more dynamic usage of the present tense, multiple past tenses and the future tense. Vocabulary learned includes food, shopping, holidays, travel, health, hobbies, and communication. Cultural, historical, and geographical aspects will be discussed and emphasized. Students must have a grade of "C-" or better or have permission from the German instructor in order to continue with the class second semester.

0670 / 0671 GERMAN 3

GRADE LEVEL: 11, 12

CREDIT: 1

Prerequisite: German 2 with "C-" or better

Students will continue to practice all four language skills with an emphasis on speaking. Grammar learned is more complex and advanced. Students will read short stories and write original compositions. There will be a focus on listening comprehension. Cultural, historical, and geographical aspects will be discussed and emphasized. Students must have a grade of "C-" or better or have permission from the German instructor in order to continue with the class second semester. *German 3 is a Dual Enrollment option class.*

0680 / 0681 GERMAN 4

GRADE LEVEL: 11, 12

CREDIT: 1

Prerequisite: German 3 with a "C-" or better

As in German 3, emphasis will be placed on being able to communicate in German. Students must have a passing grade at the end of the first semester in order to take the class second semester. *German 4 is a Dual Enrollment option class.*