The information contained in this booklet represents the anticipated course offerings for Park High School during the 2020-2021 school year. 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.
2020-2021 COURSE GUIDE

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Understanding the course descriptions:

Course Number  Course Name  Available only to students in these grades  CREDIT:  ½ credit = 1 semester; 1 credit = Full Year (FY)

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.

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

For the Classes of 2021 and 2022:

Students must complete **23 credits** and **40 service hours** to earn a Park High School Diploma.

<table>
<thead>
<tr>
<th>Credit Area</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Includes 1 cr Eng Lang Arts, 0.5 cr Interm Comp, 1 cr English Literature, 1.5 cr English Electives)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>Science (Includes 1 cr Earth Science, 1 cr Biology)</td>
<td>2</td>
</tr>
<tr>
<td>Additional Mathematics/Science</td>
<td>1</td>
</tr>
<tr>
<td>Social Studies (Includes 1 cr World History, 1 cr U.S. History, 0.5 cr U.S. Government, 0.5 cr SS elective)</td>
<td>3</td>
</tr>
<tr>
<td>Visual/Performing Arts</td>
<td>1</td>
</tr>
<tr>
<td>Health Enhancement (Includes 0.5 Freshman Fitness, 0.5 Freshman Health, 0.5 HE 2)</td>
<td>1.5</td>
</tr>
<tr>
<td>Career &amp; Technical Education</td>
<td>1.5</td>
</tr>
<tr>
<td>Electives</td>
<td>7</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td><strong>23</strong></td>
</tr>
</tbody>
</table>

Beginning with the Class of 2023:

Students in the Class of 2023 and beyond have two diploma options, a **Park High School Diploma (23 credits and 40 service hours required)** or a **Park High School Diploma with Areas of Distinction (24 credits and 40 service hours required)**. For a Park High School Diploma with Areas of Distinction, students must successfully complete additional courses and requirements in areas of focus that include World Languages, Visual/Performing Arts, Career & Technical Education, and Merit. The purpose of a Diploma with Areas of Distinction is to encourage students to pursue classes appropriate to their interests and needs in order to be ready for careers and post-secondary education.

<table>
<thead>
<tr>
<th>Credit Area</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Includes 1 cr Eng Lang Arts, 0.5 cr Interm Comp, 1 cr English Literature, 1.5 cr English Electives)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>Science (Includes 1 cr Earth Science, 1 cr Biology)</td>
<td>2</td>
</tr>
<tr>
<td>Additional Mathematics/Science</td>
<td>1</td>
</tr>
<tr>
<td>Social Studies (Includes 1 cr World History, 1 cr U.S. History, 0.5 cr U.S. Government, 0.5 cr SS elective)</td>
<td>3</td>
</tr>
<tr>
<td>Visual/Performing Arts</td>
<td>1</td>
</tr>
<tr>
<td>Health Enhancement (Includes 0.5 Freshman Fitness, 0.5 Freshman Health, 0.5 HE 2)</td>
<td>1.5</td>
</tr>
<tr>
<td>Career &amp; Technical Education</td>
<td>1.5</td>
</tr>
<tr>
<td>Flexible Credits</td>
<td>7</td>
</tr>
<tr>
<td><strong>TOTAL CREDITS:</strong></td>
<td><strong>23</strong></td>
</tr>
</tbody>
</table>
Class of 2023 and beyond: PARK HIGH SCHOOL
DIPLOMA

<table>
<thead>
<tr>
<th>Credit Area</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Includes 1 cr Eng Lang Arts, 0.5 cr Interim Comp, 1 cr English Literature, 1.5 cr English Electives)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>2.5</td>
</tr>
<tr>
<td>Science (Includes 1 cr Earth Science, 1 cr Biology)</td>
<td>2.5</td>
</tr>
<tr>
<td>Additional Mathematics/Science</td>
<td>1</td>
</tr>
<tr>
<td>Social Studies (Includes 1 cr World History, 1 cr U.S. History, 0.5 cr U.S. Government, 0.5 cr SS elective)</td>
<td>3</td>
</tr>
<tr>
<td>Visual/Performing Arts</td>
<td>1</td>
</tr>
<tr>
<td>Health Enhancement (Includes 0.5 Freshman Fitness, 0.5 Freshman Health)</td>
<td>1</td>
</tr>
<tr>
<td>Career &amp; Technical Education</td>
<td>1</td>
</tr>
<tr>
<td>Flexible Credits*</td>
<td>8</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS**: 24

* In addition to the requirements above, to receive a Diploma with Areas of Distinction, four (4) of the flexible credits are to be earned in the area of focus (World Languages, Visual/Performing Arts, and/or Career & Technical Education; see below for Merit). The particular department specifies additional requirements for Areas of Distinction; this information will be on the Diploma with Areas of Distinction application.

For the Diploma with Merit Distinction, students must successfully complete four (4) Advanced Placement and/or dual credit classes.

<table>
<thead>
<tr>
<th>Credit Area</th>
<th>Number of Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English (Includes 1 cr Eng Lang Arts, 0.5 cr Interim Comp, 1 cr English Literature, 1.5 cr English Electives)</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Science (Includes 1 cr Earth Science, 1 cr Biology)</td>
<td>3</td>
</tr>
<tr>
<td>Additional Mathematics/Science</td>
<td>1</td>
</tr>
<tr>
<td>Social Studies (Includes 1 cr World History, 1 cr U.S. History, 0.5 cr U.S. Government, 0.5 cr SS elective)</td>
<td>3</td>
</tr>
<tr>
<td>Visual/Performing Arts</td>
<td>1</td>
</tr>
<tr>
<td>World Languages (Must be in the same language)</td>
<td>2</td>
</tr>
<tr>
<td>Health Enhancement (Includes 0.5 Freshman Fitness, 0.5 Freshman Health)</td>
<td>1</td>
</tr>
<tr>
<td>Career &amp; Technical Education</td>
<td>1</td>
</tr>
<tr>
<td>Flexible Credits*</td>
<td>5</td>
</tr>
</tbody>
</table>

**TOTAL CREDITS**: 24

Please note: Online and correspondence courses do not qualify toward credits for a Diploma with an Area of Distinction, including the Diploma with Merit Distinction.

Students in the graduating classes of 2021 and 2022 who meet the requirements for a Diploma with Areas of Distinction will be recognized at commencement and on the official transcript.
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:

- **PHS Dual enrollment is part of the ONE, TWO, FREE Program** which waives tuition and fees ENTIRELY for a high school student’s FIRST TWO dual enrollment courses. Students with financial need can continue to receive free tuition for dual credit courses beyond the two-course cap by completing and submitting a simple waiver request form (additional two courses free with waiver if you qualify; see your school counselor).
- **Credits beyond the free two courses will still be offered at a VERY LOW COST!** The 2019-2020 price per credit was $54.58* (3-credit course total = $163.74) *Note: fee may minimally increase for 2020-2021.
- 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 jump start on college. Students become familiar with the academic expectations of college classes and enter college with credits on their college transcript.

To enroll in a dual enrollment class, **first you will enroll in the Park High class**. Then, you must complete three forms to receive college credit: 1 - Application Form (online with Gallatin College), 2 - Registration Form (will be done in class), and 3 - Authorization for Release Form (also done in class) through Gallatin College MSU.

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 MUS 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 2020-2021:

<table>
<thead>
<tr>
<th>PHS Course Title</th>
<th>GC MSU Course &amp; Title</th>
<th>College Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture Metals</td>
<td>WLDG 110: Welding Theory I &amp; WLDG 111: Welding Theory I Practical</td>
<td>4</td>
</tr>
<tr>
<td>Computer-Aided Drafting 1</td>
<td>DDSN 131: Intro to CAD</td>
<td>3</td>
</tr>
<tr>
<td>Contemporary Mathematics</td>
<td>M 105Q: Contemporary Mathematics (must meet eligibility, ex: 22 ACT score or other test math score in order to earn college credit in this course – see your counselor)</td>
<td>3</td>
</tr>
<tr>
<td>Human Form &amp; Function S1</td>
<td>BIOH 112: Human Form and Function I</td>
<td>3</td>
</tr>
<tr>
<td>Human Form &amp; Function S2</td>
<td>BIOH 113: Human Form and Function II</td>
<td>3</td>
</tr>
<tr>
<td>Interior Design</td>
<td>IDSN 101: Intro to Interior Design</td>
<td>3</td>
</tr>
<tr>
<td>Spanish 3</td>
<td>SPNS 101: Elementary Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>Spanish 4</td>
<td>SPNS 102D: Elementary Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>German 3</td>
<td>GRMN 101: Elementary German I</td>
<td>3</td>
</tr>
<tr>
<td>German 4</td>
<td>GRMN 102D: Elementary German II</td>
<td>3</td>
</tr>
<tr>
<td>Teaching &amp; Learning</td>
<td>EDU 101US: Teaching and Learning</td>
<td>3</td>
</tr>
<tr>
<td>Technical Mathematics</td>
<td>M 111: Technical Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

For more information about the Dual Enrollment program, see your school counselor or visit [http://gallatin.montana.edu/programs/dual/](http://gallatin.montana.edu/programs/dual/).
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 a student 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 2020-2021 school year, 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.

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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/](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/](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, enroll in advanced vocational training, or 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 coursework that 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  
Prerequisite: Ag Ed 1 or Instructor consent  
GRADE LEVEL: 10, 11, 12  
CREDIT: 1  
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  
Prerequisite: Ag Ed 1 or Instructor consent  
GRADE LEVEL: 11, 12  
CREDIT: 1  
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  
Prerequisite: Ag Ed 1 or Instructor consent  
GRADE LEVEL: 12  
CREDIT: 1  
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.
### CTE: BUSINESS COURSE DESCRIPTIONS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grade Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>0730</td>
<td>BUSINESS COMMUNICATION &amp; COMPUTER APPS</td>
<td>9, 10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>0724</td>
<td>DESKTOP PUBLISHING</td>
<td>9, 10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>0732</td>
<td>INTRO TO LAW</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>0734</td>
<td>MARKETING &amp; ENTREPRENEURSHIP</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>0722</td>
<td>ACCOUNTING 1</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>0723</td>
<td>ACCOUNTING 2</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>0725</td>
<td>PERSONAL FINANCE</td>
<td>11, 12</td>
<td>½</td>
</tr>
<tr>
<td>0740</td>
<td>MULTIMEDIA JOURNALAL</td>
<td>11, 12</td>
<td>½</td>
</tr>
</tbody>
</table>

**Prerequisite:** Accounting 1

- **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.

- **PERSONAL FINANCE**: 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 of 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 should not take this course.

- **MULTIMEDIA JOURNALISM**: In this semester-long course, students will explore the evolving multimedia world through production of the Geyser student newspaper and accompanying content in a variety of forms. Working together, the class will tell stories of our school and community using the latest audio and visual technology. Students will earn 0.5 CTE credit for their work in desktop publishing, video and audio production, and marketing and ad sales.
In a variety of curricular areas, work experience outside of the school is one of the best learning experiences. Park High School has established a variety of successful partnerships with local industries to assist in the process of providing students credit for the experience they gain as a result of working in an industry that meshes well with a curricular area at the school. The WBL Facilitator at the school will continue to monitor the experience the student gains through working with the business. This type of work experience will be held during the class period but may be scheduled to continue outside of regular school hours. In some cases, with parental permission, students may participate in a maximum of two periods of WBL Internship. Students must not be currently employed at their place of internship and working for a student’s family business is not allowed. Students enrolled in WBL 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 are expected to complete assignments each month, complete a two week course orientation, check in with the WBL Facilitator weekly and meet as a class once a month as scheduled. Participants need to be independent, reliable, and dependable. This is not the same as a Work Study.

**CTE: FAMILY AND CONSUMER SCIENCES**

**COURSE DESCRIPTIONS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grade Level</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1212</td>
<td>INTRO TO FAMILY &amp; CONSUMER SCIENCES</td>
<td>9</td>
<td>½</td>
</tr>
<tr>
<td>1228</td>
<td>CULINARY ARTS (Foods 1)</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>1229</td>
<td>CULTURE AND CUISINE (Foods 2)</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>1224</td>
<td>CHILD DEVELOPMENT</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>1226</td>
<td>FASHION DESIGN</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
<tr>
<td>1227</td>
<td>INTERIOR DESIGN</td>
<td>10, 11, 12</td>
<td>½</td>
</tr>
</tbody>
</table>

**Prerequisite:** Grade of “C” or better in Culinary Arts

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 using a duffel bag they construct. Students will also gain valuable experience in communication skills, conflict management, and making healthy life choices.

This beginning foods preparation class deals with basic kitchen skills, safety and sanitation, knife skills, nutrition, meal planning, and careers in the culinary industry. Students will earn a ServSafe® Food handler’s Certificate, a nationally recognized certificate in the area of safe food handling. Cooking labs are used to gain knowledge of a multitude of kitchen equipment and appliances, and to 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. ProStart®, Level One curriculum will be used to introduce students to the art of cooking as well as to restaurant management.

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. ProStart®, Level Two concepts are used to further study culinary arts and restaurant management.

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 play school set up by the students are used to gain greater understanding in working with and caring for children.

This is a hands-on class focusing on the fashion industry and fashion construction skills. During the first half of the class, students will explore careers in the areas of fashion and fashion merchandising. Focus will be on aspects of 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 half of the class. They will be creating a ready-to-wear garment of their choice.

Are you interested in a career in architecture or interior design? This course focuses on the introduction to design as it relates to interior design, architecture, and related professions. Students will study the elements and principles of design, experience the use of various tools used in design, and learn about the ways in which humans interact with designed environments and elements. Individual projects, small group work, field trips, and guest speakers are used to gain knowledge in the area of architecture and interior design. This is a Dual Enrollment option class.
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 class 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 EIT 2 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 course.

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 course.

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 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

<table>
<thead>
<tr>
<th>Grade</th>
<th>LANGUAGE ARTS</th>
<th>LITERATURE</th>
<th>COMPOSITION</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>English Language Arts</td>
<td>Classical Mythology Contemporary American Lit Early American Lit Novels</td>
<td>Developmental Eng Intermediate Comp</td>
<td></td>
</tr>
<tr>
<td>10th</td>
<td>Classical Mythology Contemporary American Lit Early American Lit Novels</td>
<td>Creative Writing Advanced Comp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11th &amp; 12th</td>
<td>Classical/Renaissance World Lit Contemporary American Lit (11th only) Contemporary World Lit Early American Lit Novels Poetry AP English Lit &amp; Comp (12th only)</td>
<td>Fund. of Communications Intro to Theater Reading &amp; Writing in Psych Teaching &amp; Learning</td>
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</tbody>
</table>

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 AP® 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 that 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.

English - Literature

0127 CLASSICAL MYTHOLOGY  GRADE LEVEL:  10  CREDIT:  ½

Classical Mythology is a semester length course focusing on Greek, Roman, Norse, and Celtic Mythology (including the Arthurian Legends). The course will involve not merely the acquisition of factual knowledge, but also will explore the nature of myth and 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 the 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.

0121 EARLY AMERICAN LITERATURE  GRADE LEVEL:  10, 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.

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.

0119 CLASSICAL/RENAISSANCE WORLD LITERATURE  GRADE LEVEL:  11, 12  CREDIT:  ½
Classical/Renaissance World Literature is an advanced literature course that studies the literary works of the classical and renaissance periods. Select 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 that 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  CREDIT:  ½
Instructor consent required
Developmental English is a semester long remedial reading and writing course primarily for sophomores. Entry into this course is restricted and is determined only by English teacher recommendation.

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. 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.

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 that 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.
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.

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.

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.

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 college-bound 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 wellbeing 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, the following: 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  HEALTH ENHANCEMENT 2  GRADE LEVEL:  10, 11, 12  CREDIT:  ½
Prerequisites: Freshman Fitness & Freshman Health
Required for graduation
The H.E. 2 curriculum will call for a variety of individual, dual, and team sports, as well as a beginning foundation in weight training, core strengthening, cardio fitness, and functional fitness-type 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 the Freshman Fitness course, as well as introduce some new skills that will increase enjoyment of physical activity and reinforce physical fitness. The health class aspect of the curriculum will emphasize a sound understanding of the ability to deal with a variety of health issues, some of which were covered in Freshman Health and will be expanded upon. Other areas that will be included are subjects that were not covered in the semester of Freshman Health. Students will alternate between P.E. and Health, equating to nine weeks of each over the course of the semester.

Health Enhancement - Electives

1317  STARTING STRENGTH  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  ½
Prerequisite: Freshman Fitness
Starting Strength 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. Starting Strength is a pre-requisite for both 1320 and 1347.

1320  STRENGTH & CONDITIONING  GRADE LEVEL:  10, 11, 12  CREDIT:  ½
Prerequisite: Starting Strength / Beginning WT
This course is for the intermediate student who has already taken Starting Strength and who would like to continue their development. Each student is taught the basic principles of weightlifting. Students 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 intermediate 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. Strength & Conditioning 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  ZERO HOUR ATHLETIC CONDITIONING  GRADE LEVEL:  10, 11, 12  CREDIT:  ½
Prerequisite: Starting Strength/Beg WT + Strength & Conditioning/WT AND/OR 2 years of varsity sport experience
Athletic 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. Functional fitness-type activities will be an added tool to maximize the training of the athlete. Students will benefit from the opportunity to improve strength and conditioning before school hours through this course. Non-athletes are welcome into the class upon completion of the prerequisites and consent of the instructor. This course meets every school day from 7:00 to 7:54 a.m.
INTERDISCIPLINARY ELECTIVES

COURSE DESCRIPTIONS

1412 / 1413 ANNUAL PRODUCTION

Instructor consent required

This course is open to students in grades 10-12 who wish to participate in the production of the Ranger Yearbook. The class size is limited to 12 students. Students will learn salesmanship, computer layout, design, photography, copywriting, and editing. It takes teamwork and hardworking, responsible students to produce an excellent annual. Students must have permission from the teacher to register for this course.

GRADE LEVEL: 10, 11, 12
CREDIT: 1

8080 BBBS CLASS ACT MENTORING

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, counselor referral, and recommendations are required for final admission to the course.

GRADE LEVEL: 11, 12
CREDIT: ½

0030 INDEPENDENT STUDY

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.

GRADE LEVEL: 12
CREDIT: ½

3300 LANGUAGE SKILLS & STRATEGIES

Instructor consent required

Language Skills & Strategies is a Title 1 course that explicitly teaches reading strategies to improve comprehension in all academic areas. Differentiated Instruction is focused on addressing an individual student's reading needs in a variety of areas including key ideas and details, vocabulary, and text structure. This course is designed as an intervention to support those with a Lexile range of 740-1000 who do not have an IEP goal in reading and/or written expression. The class is differentiated by each student's specific skill needs, and the goal is to expand students' literal, interpretive, and evaluative comprehension skills so that they may read high school material with confidence.

GRADE LEVEL: 9, 10, 11, 12
CREDIT: 0.5

3200 REBOOT

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.

GRADE LEVEL: 10, 11, 12
CREDIT: ½

8092 SELF-ADVOCACY & WORK SKILLS (SAWS)

SAWS is an interactive class for learning and connecting to understand how students’ high school education leads to their next academic or career steps and for providing relevance and 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 supports to help students navigate and transition to the 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. Industry and area employers will visit students to converse about workplace expectations, offer real world industry information, and build relationships with students. Students will be provided access to interest profilers, career profilers, real stories, and outside resources to help shape their future.

GRADE LEVEL: 11, 12
CREDIT: ½

9995 / 9996 STUDY HALL A (Fall) / B (Spring)

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 that is approved by administration.

GRADE LEVEL: 9, 10, 11, 12
CREDIT: 0

0003 / 0004 WORK RELEASE A (Fall) / B (Spring)

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 a Principal each semester for inclusion in the program. Students and their employers are required to complete all application forms, and students must submit proof of hours and abide by all established guidelines to remain in the program.

GRADE LEVEL: 12
CREDIT: 0
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.

Introductory Mathematics Courses

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
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 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.

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 mathematics instructor is also required for admittance to this class.

0226 INTRODUCTION TO STATISTICS
GRADE LEVEL: 11, 12
CREDIT: ½
Prerequisite: Geometry
Students will develop mathematical techniques to aid in making decision in situations involving uncertainty. They will learn to draw conclusions or make predictions based on analysis of available numerical data called statistics. Students will collect, organize, summarize, analyze, and interpret numerical data. Psychology, Elementary Education, and Social Sciences are a few of the many college curricula that require statistics and data analysis.
## Advanced Mathematics Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Grade Level</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>0230 / 0231</td>
<td>Algebra 2</td>
<td>10, 11, 12</td>
<td>1</td>
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<tr>
<td><strong>Prerequisite:</strong> Geometry</td>
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<td></td>
<td>A continuation of Algebra concepts, this college-preparatory course consists of a deeper understanding of the real and rational number systems along with an introduction to polynomial functions. Other topics include an extension of linear functions, second degree functions, systems of multiple 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 and Geometry with a “C” or better average.</td>
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<tr>
<td>0238 / 0239</td>
<td>Honors Sophomore Algebra 2</td>
<td>10</td>
<td>1</td>
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<tr>
<td><strong>Prerequisite:</strong> Honors Freshman Geometry</td>
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<tr>
<td></td>
<td>A continuation of Algebra concepts, this college-preparatory course consists of a deeper understanding of the real and rational number systems along with an introduction to polynomial functions. Other topics include an extension of linear functions, second degree functions, systems of multiple equations, exponential functions, logarithmic functions, circular functions, complex numbers, probabilities, matrices, and determinants. This course is designed for SOPHOMORES that have been successful in Honors Freshman Geometry.</td>
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<tr>
<td>0215</td>
<td>Contemporary Mathematics</td>
<td>11, 12</td>
<td>½</td>
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<tr>
<td><strong>Prerequisite:</strong> Algebra 2</td>
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<td>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. <strong>This is a Dual Enrollment option course; students must have earned a 22 on their ACT Mathematics section in order to earn Dual Enrollment credit.</strong></td>
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<tr>
<td>0250 / 0251</td>
<td>Computer Programming &amp; Applied Math</td>
<td>11, 12</td>
<td>1</td>
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<td><strong>Prerequisite:</strong> Geometry and Algebra 2</td>
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<td>This course introduces students to the basics of computer programming and provides the opportunity to use variables and coordinate geometry extensively in real-world applications. Students will learn the fundamentals of JavaScript as they write code to create designs, simulations, and 2D games. Additional topics may also include, but are not limited to, basic web development, programming microcontrollers, and programming in 3D.</td>
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<tr>
<td>0280 / 0281</td>
<td>AP Statistics</td>
<td>11, 12</td>
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<td><strong>Prerequisite:</strong> Algebra 2</td>
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<td>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 AP 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 AP exam, giving students the opportunity to demonstrate the knowledge and skills required to receive college credit.</td>
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<tr>
<td>0232 / 0233</td>
<td>Pre-Calculus</td>
<td>11, 12</td>
<td>1</td>
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<tr>
<td><strong>Prerequisite:</strong> Geometry, and grade “C” or better in Algebra 2</td>
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<td>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.</td>
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<tr>
<td>0270 / 0271</td>
<td>AP Calculus AB</td>
<td>11, 12</td>
<td>1</td>
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<td><strong>Prerequisite:</strong> Pre-Calculus</td>
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<td>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.</td>
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RESOURCE COURSE DESCRIPTIONS

Resource courses listed within this section are available to students who meet eligibility criteria for special education services and are being served on an Individualized Education Plan (IEP). This continuum includes specially designed instruction, accommodations, and related services in general education, special education, and/or community environments. Students receiving special education services who are enrolled in general education courses may require accommodations and/or modifications to fully access the curriculum. The modifications and appropriate designations are determined by the IEP team and documented in the student’s IEP.

1470 / 1471 ACTIVITIES OF DAILY LIVING  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
This class works with students enrolled in the Life Skills program on a combination of curricular areas of Social Studies and Science. As part of this course, students work with the Garden Towers (planting, care, harvesting) with community volunteers and the Plant Growth Center with Farmer Jones.

1360 / 1361 ADAPTIVE P.E.  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
Students enrolled in Adaptive P.E. are working toward improvement in gross motor skills as well as their fine motor skills. Students also learn to work in a group setting.

0141 / 0142 BASIC ENGLISH 1  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
Basic English 1 covers the fundamentals of reading and writing including critical reading strategies, sentence and paragraph structure, and communication skills. Students will engage with texts in the 300-515L Lexile range and focus on developing strong sentence and paragraphing skills. Individualized instruction will prepare students for college and career readiness using a specialized curriculum targeted for students reading significantly below grade level. Students will work on developing their technology skills as well as vocabulary, spelling, and listening skills. Basic English is available only to students in the Resource program who have a reading or written expression goal area.

0143 / 0144 BASIC ENGLISH 2  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
Students in this class will strengthen their reading comprehension, independent writing skills, and speaking and listening skills. Students will engage in reading texts in the 520-825L Lexile range and write multiple paragraphs and small essays of 500 words or less. While the main emphasis of the class will be independent reading and critical thinking skills, students will also practice writing a variety of styles and purposes. Students will develop strategies for spelling and grammar as well as vocabulary. Basic English is available only to students in the Resource program who have a reading or written expression goal area.

0145 / 0146 BASIC ENGLISH 3  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
This course focuses on individualized skill instruction in reading comprehension through the development of language arts skills – speaking, listening, media literacy, writing, and reading, including the understanding and appreciation of literature. Special attention is given to improving students’ expository writing abilities. Students will engage with texts in the 700-965L range as well as writing multiple paragraph and essays of over 500 words. Basic English is available only to students in the Resource program who have a reading or written expression goal area.

0266 / 0267 BASIC MATH  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
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. In addition, students will utilize IXL Online to help master math skills and concepts while also building their math confidence.

0160 / 0161 FUNCTIONAL ELA  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
The Functional ELA class, students focus on basic growth skills of reading comprehension, decoding, phonics, the writing of simple paragraphs, sentences, lists, emails and texts, and simple note cards. Students also work on applying these skills to real-world situations.

0260 / 0261 FUNCTIONAL MATH  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
Students enrolled in the Life Skills program will focus on the basic growth skills of addition, subtraction, multiplication, and division. Students are exposed to the application of real-world situations such as money and consumerism.

1090 / 1091 LIFE SKILLS  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1
Instructor consent required
Depending on individual student needs, the Life Skills course may include development of independent living skills such as health/nutrition/hygiene, learning emergency contacts, household tasks (laundry, cooking/baking and following recipes, and general kitchen skills), sewing, social stories, peer/adult interactions, menus, grocery math, consumerism, etc. In addition, students may receive lessons and services from the occupational therapist, speech/language pathologist, and/or school psychologist. Also, students will have the opportunity to work/job-shadow in the community. Possible locations include Spur*Line, Livingston Park County Public Library, Washington School, Livingston Food Resource Center, and Pickle Barrel.
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.

2004 / 2005 SUPPORT ENGLISH  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1

_instructor consent required_

Students will take this class concurrently with an English class. They will focus on development and completion of assignments in their English class as well as spelling, vocabulary, and reading comprehension.

2006 / 2007 SUPPORT MATH  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  1

_instructor consent required_

This course is designed to support students in their respective math courses. In this academic setting, students receive direct instruction and teacher support as they continue to complete homework assignments, presentations, and study for assessments. In addition, students will utilize IXL Online to help master math skills and concepts while also building their math confidence.
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

Required Classes:

Earth Systems (grade 9, 10)

Life Science (grade 9, 10)

Earth Science (grade 9)

Biology (grade 10)

Then choose from any of these electives:

Forensic Science (grade 11, 12)

Survival Science (grade 11, 12)

Human Form & Function (grade 11, 12)

Special Topics in STEM (grade 11, 12)

Chemistry (grade 10, 11, 12)

Physics (grade 10, 11, 12)

AP Biology (grade 11, 12)

0308 / 0309 EARTH SYSTEMS (NOT AVAILABLE IN 2020-2021) GRADE LEVEL: 9, 10 CREDIT: 1
0314/ 0315 LIFE SCIENCE (NOT AVAILABLE IN 2020-2021) Instructor consent required

Earth Systems and Life Science are offered in alternating years, as they are individually-paced courses, designed to offer additional support to students with the aid of two science instructors. Earth Systems is an overview of Earth's relationships through the study of geology, the environment, and the universe. It will cover Astronomy, Meteorology and Climate Science, Plate Tectonics, Geology, and Earth History. Life Science is an overview of Ecology, Cell structure and Function, Genetics, Natural Selection, Classification, and Microscopic organisms. A variety of instructional strategies including hands-on activities, labs, research, and group projects will guide student learning through both sections of classes. Willingness to be involved within Park High's Plant Growth Center is also a minimum requirement. Students must be recommended for enrollment into these alternating courses by a science instructor. Lab fees may apply.

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. Lab fees may apply.

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. Lab fees may apply.
0322  SURVIVAL SCIENCE  GRADE LEVEL: 11, 12  CREDIT: ½
Prerequisite:  Biology/ 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 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. Lab fees may apply.

0323  FORENSIC SCIENCE  GRADE LEVEL: 11, 12  CREDIT: ½
Prerequisite:  Biology/ 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. Lab fees may apply.

0325 / 0326  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 respiratory, endocrine, and reproductive systems (Semester 1), and muscular, skeletal, nervous, cardiovascular, and lymphatic systems (Semester 2). The methods of instruction are lecture with student participation in POGILs (Process-Oriented Guided Inquiry Lessons), as well as case study reasoning. This course has a laboratory component that 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. Students may take a full year, or they may choose to take only Semester 1, but may NOT take only Semester 2. Lab fees may apply.

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 that 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 demanding, upper-division elective science course that 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. Lab fees may apply.

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. Lab fees may apply.

0340  SPECIAL TOPICS IN STEM  GRADE LEVEL: 11, 12  CREDIT: ½
Prerequisite:  Earth Science/Earth Systems and Biology/Life Science and Instructor consent
Special Topics in STEM is a college preparatory, inquiry, and 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 educational setting. First quarter projects will revolve around state Science Olympiad events covering a range of topics including Earth science, biology, chemistry, physics, and engineering. Students interested in competing in Montana’s state Science Olympiad tournament (always held the Tuesday before Thanksgiving break) are encouraged to sign up. Second quarter topics include but are not limited to the following: water studies, topics involving cartography and public lands, technological portfolio additions, self-designed “passion” projects, and others. Projects will be presented to the teacher in a written format before being approved. Lab fees may apply.

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. Lab fees may apply.
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 one-semester 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, with an emphasis on that 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.

Students will also study early Native American culture. 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, with an emphasis on that 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
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
Designed as a year-long non-auditioned course, Concert Band aims to produce substantial growth in participants’ overall musicianship by improving skills such as intonation, technique, musicality, listening, ensemble balance and blend, rhythm, sight reading, and repertoire broadening. Performances within the large ensemble, small ensemble, marching band, and pep band format demonstrate this knowledge.

1120 / 1121 WIND ENSEMBLE
Grade Level: 10, 11, 12
Credit: 1
Instructor consent required
Designed as a year-long auditioned course, Wind Ensemble is the premier wind band at Park High. Comprised of independent and driven musicians, Wind Ensemble students tackle literature designed to give them a competitive opportunity in music after high school. Performances within the large ensemble, small ensemble, marching band, and pep band format demonstrate this knowledge.

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 examines the literature of the jazz language, demonstrating knowledge through performance. Students can choose between two traditional large jazz bands: auditioned and non-auditioned. Each band rehearses 2-3 times per week during the "0" hour. Audition materials are available during the first full week of school. Students will earn ¼ credit per semester for Jazz Ensemble.

1140 / 1141 CONCERT CHOIR
Grade Level: 9, 10
Credit: 1
This organization of freshmen and sophomore 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, Holiday, Winter, and Spring concerts. Concert Choir is open to any 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, Holiday, Winter, and Spring concerts, Student Variety Show, 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, Holiday, Winter, 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. Please note that higher level classes require Instructor approval through a portfolio application process. Students must obtain the portfolio application requirements and an appointment with the instructor prior to placement in the class.

0830 GRAPHIC DESIGN & PRINTMAKING
Grade Level: 9, 10, 11, 12
Credit: ½
This course is a combination class with graphic design taught for the first half of the semester and printmaking taught for the second half of the semester. 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. Practice in using drawing, creativity, and design knowledge will then be applied to hand-created and computer-created forms of graphic communication. Basic knowledge of graphic design will lead into learning about the four main printmaking techniques and the creation of hand- and press-printed artwork.

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 being an artist is a talent you either have or you don’t. The truth is … it is a skill, and therefore, learnable! By studying techniques and the elements of art and principles of design, students will develop as artists. This course will familiarize students with the world of art through an introduction to each of the courses we offer in the art department. Students will gain knowledge and experience in the use of graphite, pen, watercolor, printmaking, ceramics, and photography. History of the different time periods of art and artists will also be studied in connection to assignments. 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. Multiple semesters require Instructor approval following a portfolio application process.

Students in the Drawing class will continue to push themselves with advanced techniques, skills, and concepts of two-dimensional art. Students will continue to 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 in connection to assignments. Ability to respond to prompts, personal expression, creative problem solving, and a high level of work ethic will consistently be expected. 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 and successfully complete the portfolio application process.

0814 PAINTING  GRADE LEVEL:  9, 10, 11, 12  CREDIT:  ½
Prerequisite: Visual Arts with a “C” or better. Multiple semesters require Instructor approval following a portfolio application process.

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 also be included. Throughout this course, students will have opportunities for experimentation with various styles of expression. Students will advance their level of problem solving and self-introspection while developing an understanding of brushwork, compositions, and use of color. A high level of work ethic is a necessity for success in this class. Building a digital portfolio of work throughout 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 and successfully complete the portfolio application process.

0850 DIGITAL PHOTOGRAPHY 1  GRADE LEVEL:  9, 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 and Instructor approval following a portfolio application process

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 approval following a portfolio application process

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. This is a highly independent course and requires high commitment and integrity. 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 and Instructor approval following a portfolio application process

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 earthenware 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 following a portfolio application process

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.

**SPANISH 1**

**Grade Level:** 9, 10, 11  
**Credit:** 1  
**Prerequisite:** Spanish 1 with a “C-” or better  
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 continue with the class in the second semester.

**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 continue with the class in the second semester.

**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 continue with the class in the second semester. **Spanish 3 is a Dual Enrollment option class.**

**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.**

**GERMAN 1**

**Grade Level:** 9, 10, 11  
**Credit:** 1  
**Prerequisite:** German 1 with a “C-” or better  
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 permission from the German instructor in order to continue with the class in the second semester.

**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 at the end of the first semester or have permission from the German instructor in order to continue with the class in the second semester. **German 3 is a Dual Enrollment option class.**

**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 at the end of the first semester or have permission from the German instructor in order to continue with the class in the second semester. **German 3 is a Dual Enrollment option class.**

**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.**