

2015-2016

Course Guide

The information contained in this booklet represents the anticipated course offerings for Park High School during the 2015-2016 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.



PARK HIGH SCHOOL

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livingston.schoolwires.com/parkhs

2015-2016 COURSE GUIDE

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COURSE SUMMARY

| <u>COURSE</u> | <u>CREDIT</u> | <u>OPEN TO GRADES</u> | <u>PAGE</u> |
|--|----------------------|--------------------------------|--------------------|
| CTE: AGRICULTURE EDUCATION | | | |
| Agriculture Education 1..... | 1..... | 9..... 10..... 11..... 12..... | 9 |
| * Agriculture Education 2..... | 1..... | 10..... 11..... 12..... | 9 |
| * Agriculture Education 3..... | 1..... | 11..... 12..... | 9 |
| * Agriculture Education 4..... | 1..... | 12..... | 9 |
| Horticulture & Greenhouse Management..... | ½..... | 10..... 11..... 12..... | 9 |
| * Agriculture Metals 1..... | ½..... | 10..... 11..... 12..... | 10 |
| * Agriculture Metals 2..... | ½..... | 10..... 11..... 12..... | 10 |
| * Sustainable Livestock Production..... | ½..... | 10..... 11..... 12..... | 10 |
| * SLP: Agriculture Facilities Management Option..... | ½..... | 10..... 11..... 12..... | 10 |
| CTE: BUSINESS | | | |
| Business Communications & Career Exploration..... | ½..... | 9..... 10..... 11..... 12..... | 10 |
| Business & Personal Computer Applications..... | ½..... | 9..... 10..... 11..... 12..... | 10 |
| Desktop Publishing & Computer Graphics..... | ½..... | 9..... 10..... 11..... 12..... | 10 |
| Introduction to Business..... | ½..... | 9..... 10..... 11..... 12..... | 10 |
| Accounting 1..... | ½..... | 10..... 11..... 12..... | 10 |
| Personal Finance & Consumer Economics..... | ½..... | 11..... 12..... | 10 |
| Introduction to Law & Public Policy..... | ½..... | 10..... 11..... 12..... | 11 |
| Marketing..... | ½..... | 10..... 11..... 12..... | 11 |
| + Writing for Publication (CTE)..... | ½..... | 10..... 11..... 12..... | 11 |
| + Career Internship..... | ½..... | 11..... 12..... | 11 |
| CTE: FAMILY AND CONSUMER SCIENCES | | | |
| Introduction to Family & Consumer Sciences..... | ½..... | 9..... | 11 |
| Culinary Arts..... | ½..... | 10..... 11..... 12..... | 11 |
| * Culture and Cuisine..... | ½..... | 10..... 11..... 12..... | 11 |
| Child Development..... | ½..... | 10..... 11..... 12..... | 11 |
| Introduction to the Real World..... | ½..... | 10..... 11..... 12..... | 11 |
| Fashion Design..... | ½..... | 10..... 11..... 12..... | 12 |
| Interior Design..... | ½..... | 10..... 11..... 12..... | 12 |
| CTE: INDUSTRIAL TECHNOLOGY | | | |
| Exploring Industrial Technology 1..... | ½..... | 9..... 10..... 11..... 12..... | 12 |
| Exploring Industrial Technology 2..... | ½..... | 9..... 10..... 11..... 12..... | 12 |
| * Construction..... | 1..... | 10..... 11..... 12..... | 12 |
| Computer Aided Drafting 1..... | ½..... | 10..... 11..... 12..... | 12 |
| Computer Aided Drafting 2..... | ½..... | 10..... 11..... 12..... | 12 |
| * Manufacturing..... | ½..... | 10..... 11..... 12..... | 13 |
| Energy, Power and Transportation..... | ½..... | 10..... 11..... 12..... | 13 |
| * Advanced Materials Processing..... | ½..... | 10..... 11..... 12..... | 13 |
| ENGLISH | | | |
| Language Arts | | | |
| English Language Arts..... | 1..... | 9..... | 14 |
| Speech | | | |
| Fundamentals of Communication..... | ½..... | 10..... 11..... 12..... | 14 |
| Drama | | | |
| Introduction to Theater..... | ½..... | 10..... 11..... 12..... | 14 |
| Literature | | | |
| Early American Literature..... | ½..... | 10..... 11..... | 15 |
| Contemporary American Literature..... | ½..... | 10..... 11..... | 15 |
| Classical Mythology..... | ½..... | 10..... | 15 |

* Has Prerequisites

+ Requires Instructor/Department Consent to Enroll

| <u>COURSE</u> | <u>CREDIT</u> | <u>OPEN TO GRADES</u> | <u>PAGE</u> |
|--|----------------------|----------------------------------|--------------------|
| ENGLISH | | | |
| Literature, con't. | | | |
| Classical/Renaissance World Literature | ½ | 11 12 | 15 |
| Contemporary World Literature | ½ | 11 12 | 15 |
| Novels | ½ | 11 12 | 15 |
| Poetry..... | ½..... | 11 12 | 15 |
| + A.P. English Literature & Composition | 1 | 12 | 15 |
| Composition | | | |
| + Developmental English | ½ | 10..... 11 12 | 15 |
| Intermediate Composition 1 | ½..... | 10..... | 15 |
| * Creative Writing | ½..... | 11 12 | 15 |
| + Writing for Publication (ENG) | ½ | 10..... 11 12 | 16 |
| * Advanced Composition..... | ½..... | 11 12 | 16 |
| Other | | | |
| Reading & Writing in Psychology | ½..... | 11 12 | 16 |
| HEALTH ENHANCEMENT | | | |
| Required Courses | | | |
| Freshmen Physical Education | ½ | 9..... | 17 |
| Freshmen Health Education | ½..... | 9..... | 17 |
| * Physical Education 2 | ½ | 10..... 11 12 | 17 |
| * Health Education 2 | ½..... | 10..... 11 12 | 17 |
| Electives | | | |
| * Beginning Weight Training / Conditioning | ½..... | 9..... 10..... 11 12 | 17 |
| * Weight Training..... | ½..... | 10..... 11 12 | 17 |
| * Advanced Weight Training..... | ½ | 10..... 11 12 | 17 |
| * Athlete Conditioning..... | ½..... | 10..... 11 12 | 18 |
| INTERDISCIPLINARY ELECTIVES | | | |
| + Annual Production | 1..... | 10..... 11 12 | 19 |
| + Big Brothers Big Sisters Class Act Mentoring | ½..... | 11 12 | 19 |
| + Independent Study..... | ½..... | 11 12 | 19 |
| + Project '71..... | ½..... | 9..... 10..... 11 12 | 19 |
| + Student Librarian 1..... | ½..... | 10..... 11 12 | 19 |
| *+Student Librarian 2 | ½..... | 11 12 | 19 |
| Study Hall | 0 | 9..... 10..... 11 12 | 19 |
| + Work Release | 0..... | 12 | 19 |
| MATHEMATICS | | | |
| Introductory Mathematics Courses | | | |
| Pre-Algebra..... | 1..... | 9..... 10..... | 20 |
| + Consumer Math | 1..... | 11 12 | 20 |
| Algebra 1 | 1..... | 9..... 10..... 11 | 20 |
| * Geometry | 1..... | 10..... 11 12 | 20 |
| + Honors Freshman Geometry | 1..... | 9..... | 20 |
| Advanced Mathematics Courses | | | |
| * Algebra 2 | 1..... | 10..... 11 12 | 21 |
| *+Honors Sophomore Algebra 2..... | 1..... | 10..... | 21 |
| * Computer Programming for Mathematics..... | 1..... | 11 12 | 21 |
| * A.P. Statistics..... | 1 | 11 12 | 21 |
| * Pre-Calculus | 1..... | 11 12 | 21 |
| * A.P. Calculus AB | 1..... | 11 12 | 21 |

* Has Prerequisites

+ Requires Instructor/Department Consent to Enroll

| COURSE | CREDIT | OPEN TO GRADES: | PAGE |
|---------------------------------------|---------------|------------------------|-------------|
| SCIENCE | | | |
| + Earth Systems | 1 | 9 | 22 |
| Earth Science | 1 | 9 | 22 |
| + Life Science | 1 | 10 | 22 |
| Biology | 1 | 10 | 23 |
| * Survival Science | ½ | 11 12 | 23 |
| * Forensic Science | ½ | 11 12 | 23 |
| * Chemistry..... | 1 | 10 11 12 | 23 |
| *+Physics | 1 | 10 11 12 | 23 |
| *+Special Topics in STEM | ½ | 11 12 | 23 |
| *+A.P. Biology | 1 | 11 12 | 23 |
| SOCIAL STUDIES | | | |
| + History of the World | 1 | 10 | 24 |
| World History | 1 | 10 | 24 |
| + History of the U.S..... | 1 | 11 | 24 |
| U.S. History..... | 1 | 11 | 24 |
| + American Government..... | ½ | 12 | 24 |
| U.S. Government..... | ½ | 12 | 24 |
| Economic History of the U.S..... | ½ | 11 12 | 24 |
| Montana Native American Studies | ½ | 9 10 11 12 | 24 |
| Montana / Western Studies..... | ½ | 9 10 11 12 | 24 |
| Psychology | ½ | 11 12 | 25 |
| World Cultures | ½ | 9 10 11 12 | 25 |
| World Today | ½ | 9 10 11 12 | 25 |
| VISUAL & PERFORMING ARTS | | | |
| Performing Arts | | | |
| + Concert Band..... | 1 | 9 10 11 12 | 26 |
| + Wind Ensemble..... | 1 | 10 11 12 | 26 |
| + Jazz Ensemble | ½ | 9 10 11 12 | 26 |
| Concert Choir..... | 1 | 9 10 | 26 |
| + Chamber Singers..... | 1 | 10 11 12 | 26 |
| Zero Hour Choir..... | ½ | 9 10 11 12 | 26 |
| Visual Arts | | | |
| Printmaking & Graphic Design | ½ | 9 10 11 12 | 26 |
| Visual Arts..... | ½ | 9 10 11 12 | 26 |
| * Drawing..... | ½ | 9 10 11 12 | 27 |
| * Painting..... | ½ | 9 10 11 12 | 27 |
| Digital Photography 1 | ½ | 10 11 12 | 27 |
| * Digital Photography 2 | ½ | 10 11 12 | 27 |
| *+Digital Photography 3 | ½ | 11 12 | 27 |
| Pottery 1 | ½ | 9 10 11 12 | 27 |
| * Pottery 2 | ½ | 10 11 12 | 27 |
| *+Pottery 3 | ½ | 11 12 | 27 |
| WORLD LANGUAGES | | | |
| Spanish 1 | 1 | 9 10 11 | 28 |
| * Spanish 2..... | 1 | 9 10 11 12 | 28 |
| * Spanish 3..... | 1 | 10 11 12 | 28 |
| * Spanish 4..... | 1 | 11 12 | 28 |
| German 1 | 1 | 9 10 11 | 28 |
| * German 2..... | 1 | 10 11 12 | 28 |
| * German 3..... | 1 | 11 12 | 28 |
| * German 4..... | 1 | 11 12 | 28 |

* Has Prerequisites

+ Requires Instructor/Department Consent to Enroll

PARK HIGH SCHOOL

GRADUATION REQUIREMENTS

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

Required Courses - 16 credits

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

TOTAL CREDITS REQUIRED FOR GRADUATION..... 23

Credit Tabulation

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

Transfer Credits

A transfer of credits from any accredited secondary school is subject to a satisfactory examination of the following: appropriate certificates of school accreditation; length of the course, school day, and school year; content of applicable courses; school department as it relates to credit earned; and appropriate evaluation of student performance leading toward credit issuance.

Requests for transfer of credit or grade placement from any non-accredited, nonpublic school, including home school, will be subject to examination and approval before being accepted. This will be done by the school counselor, academic dean, appropriate department representative, and a principal.

Pass/No Pass Option

Senior students who have the credits necessary for graduation may elect to take one class on a Pass/No 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/No 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 student’s school counselor.

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: Provisional admission is granted to students scoring 18-21 on ACT and 440-510 on SAT mathematics tests, and 2.5-3.0 on the MUSWA or 5-6 on the ACT/SAT writing essays. Students who do not meet the writing and math proficiency standards are admitted to four-year universities on a provisional basis. Students who are provisionally admitted can gain full admittance by:

- Earning a "C" or better in developmental courses preparing students for college-level coursework (must be done within the first three semesters), or
- Earning satisfactory scores on one or more of the math or writing assessment tests required for admissions, or
- Completion of an associate of arts (A.A.) or associate of science (A.S.) degree, or
- Submit a letter to the admissions office documenting a disability that prevented the student from adequately demonstrating proficiency in a test setting if no accommodation was provided at the time of the test.

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)
- 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)

DUAL ENROLLMENT INFORMATION



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

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

These are some of the benefits of dual enrollment courses:

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

Dual enrollment classes cost \$49.50 per credit with no fees. Dual enrollment classes offered at PHS are 2 and 4 credits; depending on the class, it will cost you \$99 - \$198 per class. *(If you took the same classes as a Gallatin College or MSU student, they would cost you hundreds of dollars more, often three times as much!)*

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

Once the paperwork has been submitted, you will be required to **pay your bill directly with MSU student accounts** prior to the start of the semester. For more information on how to pay your tuition, visit: www.montana.edu/gallatincollege/programs/dual-tuition.php or contact Colette Thomas (colettethomas@montana.edu), the dual enrollment program assistant.

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

Park High School Dual Enrollment Courses 2015-2016:

| GC MSU Course & Title | College Credits | PHS Course Title | Cost – ESTIMATED! |
|--------------------------------------|------------------------|---------------------------|--------------------------|
| DDSN 101: CAD 1-A | 2 | Computer-Aided Drafting 1 | \$99.00 |
| DDSN 102: CAD 1-B | 2 | Computer-Aided Drafting 2 | \$99.00 |
| WLDG 110: Welding Theory I | 1 | Agriculture Metals 2 | \$49.50 |
| WLDG 111: Welding Theory I Practical | 3 | Agriculture Metals 2 | \$148.50 |

For more information on Gallatin College MSU's dual enrollment program, visit their website at www.montana.edu/gallatincollege/programs/dual.php.

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

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

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

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

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

CTE: AGRICULTURE EDUCATION **COURSE DESCRIPTIONS**

0910 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 AGRICULTURE EDUCATION 2

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Prerequisite: Ag Ed 1 or Instructor consent

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

0930 AGRICULTURE EDUCATION 3

GRADE LEVEL: 11, 12

CREDIT: 1

Prerequisite: Ag Ed 1 or Instructor consent

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

0940 AGRICULTURE EDUCATION 4

GRADE LEVEL: 12

CREDIT: 1

Prerequisite: Ag Ed 1 or Instructor consent

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

0931 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.

1021 AGRICULTURE METALS 1**GRADE LEVEL: 10, 11, 12****CREDIT: ½****Prerequisite: Ag Ed 1 or EIT 1**

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

1026 AGRICULTURE METALS 2**GRADE LEVEL: 10, 11, 12****CREDIT: ½****Prerequisite: Ag Metals 1**

In this course, students will develop advanced welding and fabrication skills in Arc, TIG, MIG, and oxyacetylene. Students will be required to complete large metal fabrication projects. Advanced skills using TIG and MIG welding will be stressed, and students will also learn to use a computer-assisted plasma cutter. Ag Metals 2 is available as a dual enrollment course where students are able to obtain high school credit as well as college credits through Gallatin College MSU. Dual enrollment students will be given enrollment preference in this course.

0945 SUSTAINABLE LIVESTOCK PRODUCTION (SLP)**GRADE LEVEL: 10, 11, 12****CREDIT: ½****0946 SLP: AGRICULTURE FACILITIES MANAGEMENT OPTION****GRADE LEVEL: 10, 11, 12****CREDIT: ½****Prerequisite: Ag Ed 1 (for both); Ag Metals 1 for the Ag Facilities Management Option**

This course provides students with the opportunity to choose between one of two possibilities: the main Livestock Production option or the Ag Facilities Management option. The Livestock Production option involves the study of beef, swine, sheep, and poultry production. Units include selection, nutrition, reproduction, and health care. There is an emphasis on hands-on learning with the opportunity to raise and care for livestock as part of each student's experience. Students will help in the production of Farm-to-School products that can be a source of food for the school lunch program. The Ag Facilities Management option includes opportunities to design, manufacturing, and maintenance of the livestock facilities. Students choosing the facilities management option will also be able to work on independent manufacturing project.

CTE: BUSINESS COURSE DESCRIPTIONS

0729 BUSINESS COMMUNICATIONS & CAREER EXPLORATION GRADE LEVEL: 9, 10, 11, 12**CREDIT: ½**

How do you get that perfect job and not be nervous during the interview? What would you do if you had to present to a board of directors or to a room of strangers? How do you make informed decisions about a future career? This course will teach you how to communicate in the business world face-to-face and through technology. You will learn how to identify and evaluate personal goals, priorities, and aptitudes. Topics covered include resumes, cover letters, interview skills, writing a business plan, public speaking, banking and finance, writing and formatting effective reports, situational problem solving, and various computer skills. You will also be exposed to various sources of information on career and training options with a goal of developing job search and employability skills.

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

Step up your computer skills by completing a variety of practical computer related projects. You will explore a wide range of basic applications and advanced techniques of Microsoft Word, Excel, PowerPoint, and Outlook. We will create QR codes, and will explore computer programming and new technology applications. Effective Internet searches, desktop publishing, Code MT programming, and file management will be covered. This class will allow you to format reports and essays, create cover pages and flyers, practice marketing and presentation skills, and create effective spreadsheets and charts. This hands-on, project-oriented class will provide you the keyboarding and computer practice every successful student needs.

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

This course allows you to explore a wide range of applications, particularly publishing programs such as Microsoft Word, Publisher, and Adobe InDesign and Photoshop, to create eye-pleasing documents including flyers, posters, webpages, business cards, certificates, menus, and much more. You will also learn to create and manipulate graphics (photos, clip art, etc.), use a digital camera, and operate a scanner. You will have the opportunity to explore the capability of the computer to produce visual imagery and to apply graphic techniques to various fields, such as advertising and TV/video.

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

This course is a great introduction to the wide variety of concepts in the business world. You will learn what business is all about, including the economy, different types of business, marketing concepts, world trade, labor and employment, banking, credit, and insurance. You will use the Internet to research current business topics, and various computer programs to improve money and time management skills. Students will become entrepreneurs through participation in a virtual retail business, getting experience in topics such as finance, marketing, and design.

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

Basic accounting principles are applied throughout this course. Accounting computer applications are introduced using both Microsoft Excel and Automated Accounting. Students will also participate in the Stock Market Game to enhance their understanding of the role of investing in accounting today. Any student who majors in business, plans to own a business, or wishes to acquire skills to offer employers in order to earn money for college will benefit from this course.

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

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

0732 INTRODUCTION TO LAW & PUBLIC POLICY**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

The course is a practical introduction to the legal world, addressing business, personal, and family law. Topics covered include the American legal system, contracts, minors' legal rights, employment, insurance, property (landlord and tenants), buying and selling, wills, and consumer protection. Famous legal cases, current legal news, mock trials, and guest speakers will be used to demonstrate legal principles.

0733 MARKETING**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

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

0753 WRITING FOR PUBLICATION (CTE)**GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Instructor consent required***

Let your voice be heard! Join the Geyser student newspaper staff and experience business and English concepts while creating a monthly student newspaper to be published digitally and in print. This class will cover interviewing, photography, news, feature, opinion, and sports writing, page layout, marketing and advertising sales. Teachers are certified in business and English, so you will receive ½ CTE credit and ½ English credit in this year-long class. Learn what it means to work with a journalism team to create a real product your peers will see!

0750 CAREER INTERNSHIP**GRADE LEVEL: 11, 12****CREDIT: ½*****Career Coordinator & Parent consent required***

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

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

1212 INTRO TO FAMILY & CONSUMER SCIENCES**GRADE LEVEL: 9****CREDIT: ½**

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

1228 CULINARY ARTS**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

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

1229 CULTURE AND CUISINE**GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Prerequisite: Culinary Arts***

In this advanced foods course, students build on the skills learned in Culinary Arts with a focus on creating exciting meal plans from around the world. Cooking lab experiences incorporate culture and food choices from many countries including China, Japan, France, Italy, Mexico, India, Greece, Great Britain, Germany, Scandinavia, and Russia. Students will identify native food resources as well as ethnic dining habits and rules. Regional cuisine from around the United States is also explored.

1224 CHILD DEVELOPMENT**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

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

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

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

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

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

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

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

CTE: INDUSTRIAL TECHNOLOGY **COURSE DESCRIPTIONS**

EXPLORING INDUSTRIAL TECHNOLOGY 1 & 2

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

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

- 1) Exploring Industrial Technology 1 will include, but is not limited to the following areas:
- 2) 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).
- 3) 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.
- 4) Use of tools and machines, including safety, and maintenance.

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

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

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

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

Prerequisite: EIT 1 or Ag Ed 1

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

COMPUTER-AIDED DRAFTING 1 & 2

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

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

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

1041 COMPUTER-AIDED DRAFTING 2 (Spring Semester)**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

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

1025 MANUFACTURING**GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Prerequisite: EIT 1 or EIT 2 or Ag Ed 1***

This course will expose students to the wonderful world of manufacturing. Through lab activities students will learn the elements of manufacturing; from the design and development of a product, through the production, to the marketing and selling of the product. Other aspects of the class will include advertising, packaging, profit and loss analyses, and teamwork. Students will also be involved in the actual manufacturing of valued based products, which will incorporate the use of various materials, tools, and equipment. This class offers the student the ability to make some money, while at the same time the opportunity to learn some life-long skills.

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."

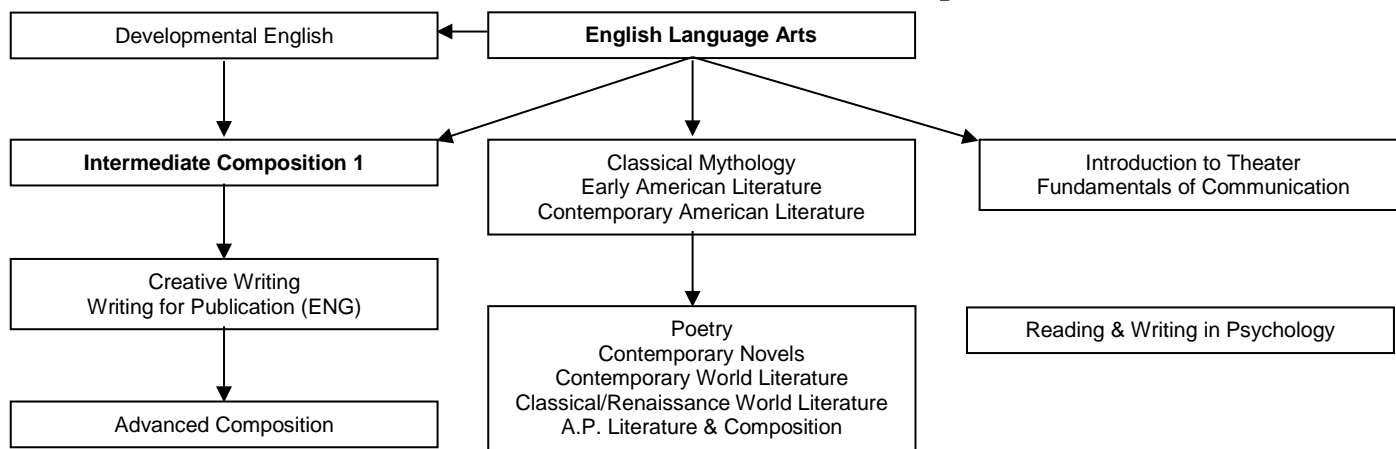
1028 ADVANCED MATERIALS PROCESSING**GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Prerequisite: EIT 1 or EIT 2***

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.

ENGLISH COURSE DESCRIPTIONS

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

ENGLISH COURSE OFFERINGS & SEQUENCES



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

College Preparatory Recommendations:

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

General Recommendations:

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

English - Language Arts

0110 ENGLISH LANGUAGE ARTS

GRADE LEVEL: 9

CREDIT: 1

Required for freshmen

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

English - Speech

0126 FUNDAMENTALS OF COMMUNICATION

GRADE LEVEL: 10, 11, 12

CREDIT: ½

Recommended for sophomores

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

English - Drama

1410 INTRODUCTION TO THEATER

GRADE LEVEL: 10, 11, 12

CREDIT: ½

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

English - Literature

0121 EARLY AMERICAN LITERATURE

GRADE LEVEL: 10, 11

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.

0122 CONTEMPORARY AMERICAN LITERATURE

GRADE LEVEL: 10, 11

CREDIT: ½

Contemporary American Literature is designed to acquaint students with American authors from early 1900's to the present. The focus, in terms of student performance, is interpretive reading or reading for understanding. Towards these ends students will discuss, write, and create projects that demonstrate their interpretive understanding of what they have read in class.

0127 CLASSICAL MYTHOLOGY

GRADE LEVEL: 10

CREDIT: ½

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

0119 CLASSICAL/RENAISSANCE WORLD LITERATURE

GRADE LEVEL: 11, 12

CREDIT: ½

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

0134 CONTEMPORARY WORLD LITERATURE

GRADE LEVEL: 11, 12

CREDIT: ½

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

0123 NOVELS

GRADE LEVEL: 11, 12

CREDIT: ½

Novels covers selected readings from the Western world which date from the twentieth century. Novels 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.

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 A.P. ENGLISH LITERATURE & COMPOSITION

GRADE LEVEL: 12

CREDIT: 1

Instructor consent required

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

English - Composition

0120 DEVELOPMENTAL ENGLISH

GRADE LEVEL: 10, 11, 12

CREDIT: ½

Instructor consent required

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

0124 INTERMEDIATE COMPOSITION 1

GRADE LEVEL: 10

CREDIT: ½

Required for sophomores

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

0132 CREATIVE WRITING

GRADE LEVEL: 11, 12

CREDIT: ½

Prerequisite: Intermediate Comp. 1

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

0138 WRITING FOR PUBLICATION (ENG)**GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Instructor consent required***

Let your voice be heard! Join the Geyser student newspaper staff and experience English and business concepts while creating a monthly student newspaper to be published digitally and in print. This class will cover interviewing, photography, news, feature, opinion, and sports writing, page layout, marketing and advertising sales. Teachers are certified in English and business, so you will receive ½ credit of English and ½ credit of CTE in this year-long class. Learn what it means to work with a journalism team to create a real product your peers will see!

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

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

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

In this one-semester course, students will examine and apply psychological theory through writing, reading, speaking, listening, and close observation. From semester to semester, the specific content of the course will shift; however, central concepts and issues such as the history of psychology methodology, biopsychology, sensations and perception, learning and motivation, abnormal behavior, personality theory, and social psychology will most likely be addressed to some degree. Interpersonal and intrapersonal exploration will provide a connection to the human wellness aspect of the course and help establish the specific direction of our study. In addition to weekly reading and writing, students will be required to participate in weekly discussions and present independent projects quarterly. Students to enroll in this course will be required to complete additional reading and writing. Potentially, this writing could include academic research reviews, formal experimental write-ups, and reflective journals.

HEALTH ENHANCEMENT COURSE DESCRIPTIONS

Health Enhancement - Required Courses

1350 FRESHMAN PHYSICAL EDUCATION GRADE LEVEL: 9 CREDIT: ½

Required for freshmen

The well-being of the body through good physical education is encouraged and enhanced in the Freshmen P.E. program. The freshmen in Physical Education will participate in a number of activities that are designed to support the District P.E. curriculum promoting physical fitness and lifetime activities. Depending on time and the semester in which students are scheduled, those activities may include, among others: volleyball, flag football, wiffle ball, badminton, table tennis, cricket, speed ball, lacrosse, floor hockey, softball, basketball, ultimate Frisbee, and pickle ball. A dance unit may be taught if the students' interest is high. Presidential Physical Fitness Testing is also required in this course. **Based on availability, freshmen may schedule two semesters of P.E. if they so desire. However, only one semester is required for graduation credit and the second semester does not substitute for Freshman Health.**

1351 FRESHMAN HEALTH EDUCATION GRADE LEVEL: 9 CREDIT: ½

Required for freshmen

The well-being of the body through good health is encouraged and enriched in the Freshmen Health course. Using the District Health Enhancement curriculum that promotes healthy choices for each student as a guide, the topics that are chosen will focus on age-appropriate material and situations that students face every day. These topics will include, but are not limited to, decision-making, wellness, relationships, mental wellness, diseases/disorders, bone/muscle structure, first-aid, nutrition, tobacco/alcohol/drugs, safe environment issues, and sexually transmitted diseases.

1352 PHYSICAL EDUCATION 2 GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisites: Freshman Health & Freshman P.E.

Students must take either P.E. 2 or Health Ed 2

The Physical Education 2 curriculum will call for a variety of individual, dual, and team sports that will provide wholesome physical activity while also developing a student's social, emotional, and intellectual skills. The activities review and expand upon skills covered in Freshman P.E. classes and include, but are not limited to, fitness tests, tennis, aerobic/anaerobic conditioning, core strengthening, lacrosse, jump rope, and weight training activities. Presidential Fitness Testing is required in this course. Students can choose between either P.E. 2 or Health Education 2 to meet their graduation requirement.

1353 HEALTH EDUCATION 2 GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisites: Freshman Health & Freshman P.E.

Students must take either P.E. 2 or Health Ed 2

The Health Education 2 class will emphasize a sound understanding of and the ability to deal with a variety of health issues including, but not limited to, first aid, use and abuse of alcohol and other drugs, sexually transmitted diseases, juvenile delinquency, communicable and non-communicable diseases, and learning disabilities. Any topics that might be repeated or are a review from Freshman Health will be expanded upon and more extensively covered during Health Ed 2. Students can choose between either P.E. 2 or Health Education 2 to meet their graduation requirement.

Health Enhancement - Electives

1317 BEGINNING WT TRAINING / CONDITIONING GRADE LEVEL: 9, 10, 11, 12 CREDIT: ½

Prerequisite: Freshmen P.E.

Beginning Weight Training/Conditioning is for students who may not necessarily be involved in sports, but who is interested in improving themselves in the areas of strength and cardiovascular fitness. The weight training component of the class will focus on beginning lifters while also catering to those students who are interested in developing their understanding/skills of weight lifting. In addition, the class will emphasize improving speed, explosiveness, and vertical jump, and will also incorporate a variety of aerobic activity.

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

Prerequisite: P.E. 2

Each student is taught the basic principles of weight lifting. They are instructed how to correctly perform a minimum of 15 lifts and techniques to build strength, as well as develop character. This is a balanced fitness training program designed for the beginner into weight training. 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. The course will explain the importance of muscular fitness and the advantage of muscular development. 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.

1325 ADVANCED WEIGHT TRAINING GRADE LEVEL: 10, 11, 12 CREDIT: ½

Prerequisite: Weight Training or Beginning Weight Training / Conditioning

This course is designed for the more experienced weight lifter seeking to expand to a higher level of physical training with focus on power, speed, and agility. This class teaches students the basic muscle groups and various systems of the human body. Students will learn about weight lifts that will affect each system of muscle group. The instructor guides students to develop a weight training program that will benefit them on an individual basis. There is not as much group work in this course as there is in Weight Training.

1347 ATHLETE CONDITIONING**GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Prerequisite: P.E. 2 or Health 2 (may be taken concurrently)***

Athlete conditioning is an intense class designed to meet the needs of the serious athlete. This course will provide each individual with programs that will develop significant strength gains while also improving cardiovascular endurance. Monthly testing in the areas of strength, vertical jump, speed, and agility will be recorded and evaluated. Form running and advanced running techniques will be taught as part of the speed development unit. Other aerobic activity will also be an integral part of the course. Students will benefit from the opportunity to improve strength and conditioning during school hours through this course. Non-athletes are welcome into the class upon completion of the prerequisites and consent of the instructor.

INTERDISCIPLINARY ELECTIVES

COURSE DESCRIPTIONS

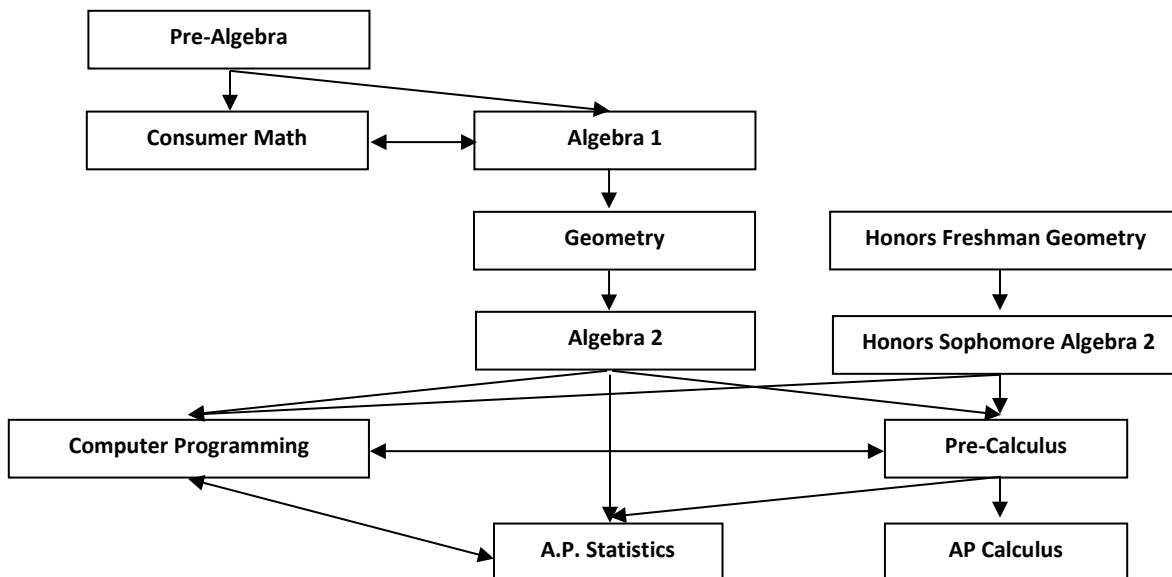
- 1412 ANNUAL PRODUCTION** **GRADE LEVEL: 10, 11, 12** **CREDIT: 1**
Instructor consent required
 This course is open to students in grades 10-12 who wish to participate in the production of the Ranger Yearbook. The class size is limited to 12 students. Students will learn salesmanship, computer layout, design, photography, copy writing, and editing. It takes teamwork and hardworking, responsible students to produce an excellent annual. Students must have permission from the teacher/sponsor to register for this course.
- 8080 BIG BROTHERS BIG SISTERS CLASS ACT MENTORING** **GRADE LEVEL: 11, 12** **CREDIT: ½**
Instructor consent required
 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.
- 0030 INDEPENDENT STUDY** **GRADE LEVEL: 11, 12** **CREDIT: ½**
Instructor & Principal consent required
 The Independent Study (IS) program is designed to provide learning opportunities for students to pursue areas of interest not currently offered at PHS. Examples may include higher levels of a course for a student who has already completed the available sequence of offerings, or a subject that is not currently offered. IS courses are offered as *elective* credit only and are not intended to replace classes currently offered at PHS that do not fit into a student's schedule. Students may choose between a Pass/No Pass or a letter grade for their IS course, and they 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.**
- 3270 PROJECT '71** **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
Instructor consent required
 Project '71 is a credit recovery option available to students who have failed a previous course. To be successful in the Project '71 setting, students must be motivated self-learners and must demonstrate the ability to keep themselves on task. An application is required for anyone to be considered for this class; entry is not automatic. Talk with your counselor if you think Project '71 may be a good fit for you!
- 0045 STUDENT LIBRARIAN 1** **GRADE LEVEL: 10, 11, 12** **CREDIT: ½**
Librarian consent required
 This is an introductory course in library operations and daily procedures. Implicit in the curriculum is the development of a healthy work ethic, proper workplace etiquette, and public relations skills. Topics include cursory knowledge of library policies and legalities, library organization, and information retrieval. This course focuses on skills needed in an entry-level library job, whether the setting be a school, public, college, or special interest library. Skills learned here may also be used in course work in other content areas.
- 0046 STUDENT LIBRARIAN 2** **GRADE LEVEL: 11, 12** **CREDIT: ½**
Prerequisite: Student Librarian 1
Librarian consent required
 This course builds on knowledge gained by students enrolled in Student Librarian 1, which is a prerequisite for this course. Topics include introduction to the principles upon which library policy and legalities are based. More sophisticated reference help will be introduced as these students will be more actively involved in helping their peers use the library. Emphasis will be placed on the use of technology in the library and the role it plays in library management and information retrieval.
- 9995 STUDY HALL A (Fall Semester)** **GRADE LEVEL: 9, 10, 11, 12** **CREDIT: 0**
9996 STUDY HALL B (Spring Semester) **GRADE LEVEL: 9, 10, 11, 12** **CREDIT: 0**
 Study Hall is offered as an opportunity for students to read, complete their homework assignments, study for tests and/or utilize the library. It has proven to be very successful for students who want to improve their grades, and/or are involved with athletics, extra-curricular activities, or working after school hours. Study Hall is graded with a pass or no pass. 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 Study Hall changed to Off-Campus if they have a 3.0 for the prior semester, have permission from their parent/guardian, and have signed a contract.
- 0003 WORK RELEASE A (Fall Semester)** **GRADE LEVEL: 12** **CREDIT: 0**
0004 WORK RELEASE B (Spring Semester) **GRADE LEVEL: 12** **CREDIT: 0**
Available to seniors only. Seniors who can secure legitimate employment and who demonstrate the academic ability to complete the required courses for graduation may be released for up to two (2) periods per day. NO CREDIT will be given for work release. Students must apply to the Assistant Principal each semester for inclusion in the program and it is the student's responsibility to complete all application forms and abide by all school board-established guidelines.

MATHEMATICS COURSE DESCRIPTIONS

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

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

MATHEMATICS COURSE OFFERINGS & SEQUENCES



Introductory Mathematics Courses

0210 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.

0220 CONSUMER MATHEMATICS **GRADE LEVEL: 11, 12** **CREDIT: 1**
Instructor consent required
 This course is devoted to typical, everyday consumer problems where mathematical skills often must be applied. General contents covered are buying problems, wages and commissions, borrowing money, saving and investing, house expenses, and taxes. Lifetime math skills are emphasized. This course is NOT recommended for students who have passed Algebra 1 with a “C” or better average. *Please note: Students who have taken or are planning to take Personal Finance and/or Intro to the Real World should not take this course.*

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 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 HONORS FRESHMAN GEOMETRY **GRADE LEVEL: 9** **CREDIT: 1**
Instructor consent required
 Honors Freshman Geometry is an algebra-intensive, integrated approach to mathematics where topics of geometry, algebra, and trigonometry will be taught. Real world problems are solved by students using appropriate mathematics and technology. The objectives of this class are to help students grow in their ability to reason deductively as well as inductively. Analyzing and solving problems involving area, volume, trigonometry, and coordinate geometry will be explored. This class is fast-paced, demanding and is designed for highly motivated freshmen that have completed eighth grade advanced math. A recommendation by the eighth grade instructor is also required for admittance to this class.

Advanced Mathematics Courses

0230 ALGEBRA 2

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Prerequisite: Geometry

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

0238 HONORS SOPHOMORE ALGEBRA 2

GRADE LEVEL: 10

CREDIT: 1

Prerequisite: Honors Freshman Geometry

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

0250 COMPUTER PROGRAMMING FOR MATHEMATICS

GRADE LEVEL: 11, 12

CREDIT: 1

Prerequisite: Geometry and Algebra 2

This course introduces students to the use of computers in real-world science and mathematics applications. Students will learn to write programs and use spreadsheets to create apps as well as solve a variety of problems. This course is designed to integrate all of the mathematics learned through Algebra 2, and will include several projects. This is an excellent class for students who wish to pursue further education in science, engineering, computer programming, or mathematics.

2338 A.P. STATISTICS

GRADE LEVEL: 11, 12

CREDIT: 1

Prerequisite: Algebra 2

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

0232 PRE-CALCULUS

GRADE LEVEL: 11, 12

CREDIT: 1

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

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

2335 A.P. CALCULUS AB

GRADE LEVEL: 11, 12

CREDIT: 1

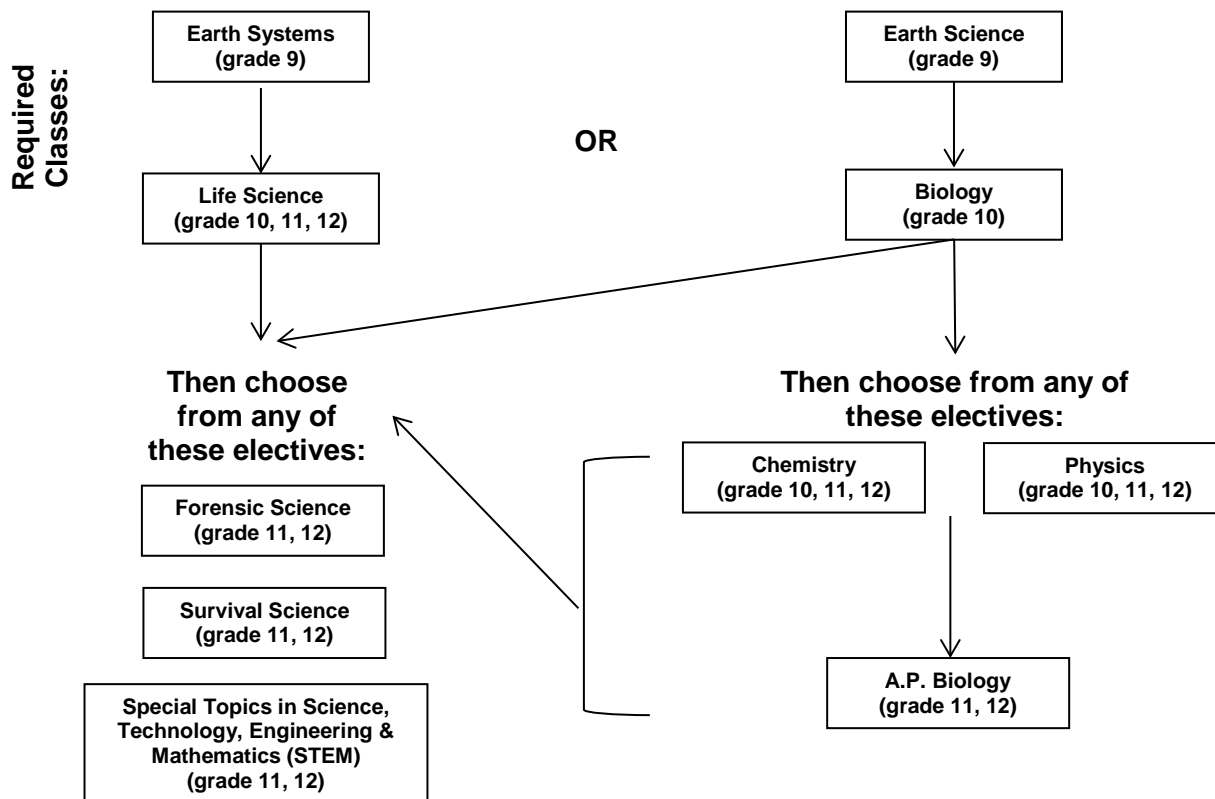
Prerequisite: Pre-Calculus

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

SCIENCE COURSE DESCRIPTIONS

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

SCIENCE COURSE OFFERINGS & SEQUENCES



0308 EARTH SYSTEMS

GRADE LEVEL: 9

CREDIT: 1

Instructor consent required

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

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.

0315 LIFE SCIENCE

GRADE LEVEL: 10

CREDIT: 1

Instructor consent required

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

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

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

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

The goals of this class are to increase science achievement by making science relevant and interesting, to encourage students to participate safely in outdoor activities, to practice problem solving, and to develop independent and teamwork skills. This class is very hands-on and activity based where students learn by doing. Students will develop winter and wilderness survival skills including snow science and avalanche safety, map and compass skills, orienteering, signaling, using a global positioning system, using avalanche beacons, building a fire with limited resources, water collection and purification, and constructing shelters. Mountain travel, wilderness medicine and rescue techniques will also be learned by hands-on activities and field days.

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

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

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

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

0332 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***

This course utilizes modeling instruction, an approach that emphasizes the construction and application of conceptual models as a way of learning and doing science. Students will construct conceptual models using mathematics, Socratic discussions and problem-solving with peers, and laboratory investigations. Topics include motion, force, energy, waves, light, and electricity. Considerable attention will be given to the concepts of mechanics. Additional special topics include quantum theory, Einstein's theories of relativity, plasma, fusion and rocketry. Students will be required to reason, to work collaboratively, and to develop and express their thoughts in a clear and concise manner.

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

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

0350 A.P. 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 A.P. 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 A.P. exam at the culmination of the course to demonstrate knowledge and skills necessary to receive college credit.

SOCIAL STUDIES COURSE DESCRIPTIONS

0422 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.

0423 WORLD HISTORY

GRADE LEVEL: 10

CREDIT: 1

Required for sophomores

First semester traces the political, economic and social development of early civilization progressing from 3000 B.C. river civilizations of Egypt, the Fertile Crescent, India and China to Greek and Roman civilizations around 500 A.D. It continues through the Middle Ages (500-1500), following the role of the Christian Era (1500-present), views European domination, China, Japan, the Middle East, and Eastern Asia. The rise in the Western World of nationalism, as well as Nazism, Fascism and Communism are studied as a prelude to World Wars I and II.

0433 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.

0434 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 ECONOMIC HISTORY OF THE U.S.

GRADE LEVEL: 11, 12

CREDIT: ½

This is a one-semester course that will examine economics as it relates to the history of the United States. The course will examine economics in both its theoretical and practical aspects. Students will understand the ideas of major economic thinkers. The course will examine the global, national, and state economies and their interrelationships. Characteristics of our national economy will be investigated in detail, including the national debt, inflation, poverty, recession, entrepreneurs, as well as the role of labor, business, and government in our economic system. Students will also engage in a statewide 10-week stock market game as part of the course.

0452 MONTANA NATIVE AMERICAN STUDIES

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

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

0454 MONTANA / WESTERN STUDIES

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

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

0456 PSYCHOLOGY**GRADE LEVEL: 11, 12****CREDIT: ½**

In this one-semester course, students will examine and apply psychological theory through writing, reading, speaking, listening, and close observation. From semester to semester, the specific content of the course will shift; however, central concepts and issues such as the history of Psychology methodology, biopsychology, sensations and perception, learning and motivation, abnormal behavior, personality theory, and social psychology will most likely be addressed to some degree. Interpersonal and intrapersonal exploration will provide a connection to the human wellness aspect of the course and help establish the specific direction of our study. In addition to weekly reading and writing, students will be required to participate in weekly discussions and present independent projects quarterly.

0458 WORLD CULTURES**GRADE LEVEL: 9, 10, 11, 12****CREDIT: ½*****Recommended for freshmen***

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

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

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

VISUAL & PERFORMING ARTS PROGRAMS

Performing Arts Course Descriptions

1110 CONCERT BAND

GRADE LEVEL: 9, 10, 11, 12

CREDIT: 1

Instructor consent required

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

1120 WIND ENSEMBLE

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Instructor consent required

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

1130 JAZZ ENSEMBLE

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

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

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

1140 CONCERT CHOIR

GRADE LEVEL: 9, 10

CREDIT: 1

This organization of male and female voices will explore various styles of music both secular and sacred. Emphasis is given to the development of musical, vocal and performance skills. Concert Choir will perform for Fall, Christmas, and spring concerts. Due to limited enrollment, Concert Choir is open only to interested singers in Grades 9 and 10.

1150 CHAMBER SINGERS

GRADE LEVEL: 10, 11, 12

CREDIT: 1

Instructor consent required

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

1160 ZERO HOUR CHOIR

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

This organization of male and female voices will explore various styles of music both secular and sacred. Emphasis is given to the development of musical, vocal and performance skills. Zero Hour Choir will perform for fall, Christmas, and spring concerts. Zero Hour is open to all interested students in grades 9-12 with no audition required. Students who cannot fit choir into their daily schedule, and those who would like a second choir class are encouraged to enroll. This class meets as a "before" school class at 7:30 a.m. on Monday, Tuesday and Wednesday mornings. Students will earn ¼ credit per semester.

Visual Arts Course Descriptions

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

0830 PRINTMAKING & GRAPHIC DESIGN

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

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

0810 VISUAL ARTS

GRADE LEVEL: 9, 10, 11, 12

CREDIT: ½

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

0812 DRAWING**GRADE LEVEL: 9, 10, 11, 12****CREDIT: ½*****Prerequisite: Visual Arts with a "C" or better***

Students in the Drawing class will continue their individual skill level, continually exploring and pushing themselves with advanced techniques, skills and concepts of two-dimensional work. Students will work with and explore the elements of art, principles of design, and composition while working with the drawing mediums of graphite, pen & ink, charcoal, scratchboard, chalk pastel, oil pastel, colored pencils, and watercolor pencils. Students will continue to explore artists and time periods in the history of art. Personal expression, creative problem solving and a high level of work ethic will consistently be expected. Building a digital portfolio of work through the years will be encouraged. Quality student artwork will be exhibited in Student Art Shows twice each semester. Students may take Drawing as many times throughout the 4 years as their individual schedule allows as long as they have earned a "C" or better in the prerequisite and/or prior class.

0814 PAINTING**GRADE LEVEL: 9, 10, 11, 12****CREDIT: ½*****Prerequisite: Visual Arts with a "C" or better***

Students in the Painting class will be introduced to a variety of painting mediums and their methods of use. These will include transparent watercolor, gouache, tempera, acrylic, chalk pastel, and oil pastel. Basic drawing skills will be revisited as necessary. The elements of art, principles of design, color theory, composition, artists and time periods of art history will be included. Throughout this course, students will have opportunities for experimentation with various styles of expression while developing their own personal techniques. Students will advance their level of problem solving, their self-discipline, while developing an understanding of their brushwork, their compositions, and their use of color. A high level of work ethic is a necessity for success in this class. Building a digital portfolio of work through the years will be encouraged. Quality student artwork will be exhibited in Student Art Shows twice each semester. Students may take Painting as many times throughout the 4 years as their individual schedule allows as long as they have earned a "C" or better in the prerequisite and/or prior class.

0850 DIGITAL PHOTOGRAPHY 1**GRADE LEVEL: 10, 11, 12****CREDIT: ½**

Students will learn the history of film and digital photography, basic digital camera functions and techniques, photographic composition, uploading/organizing digital photographs, and basic photo editing techniques using Adobe Photoshop CS6. Students learn to talk about and present their artwork through class critiques and presentations as well as creating a final portfolio. Students are highly encouraged to use their own camera, but it is not a requirement.

0852 DIGITAL PHOTOGRAPHY 2**GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Prerequisite: Digital Photography 1 with a "C" or better***

This course builds upon the photographic art concepts and techniques introduced in beginning photo class to expand student knowledge and skills. Although techniques and methods in both historical and modern photography will be taught, the photographic work completed in this class will be in Digital form. A higher degree of creativity and effort is required through instructor-guided as well as self-guided photographic endeavors. Critiques, presentations, and a final portfolio review will be used to allow students to explain their artwork. Students are highly encouraged to use their own camera, but it is not a requirement.

0854 DIGITAL PHOTOGRAPHY 3**GRADE LEVEL: 11, 12****CREDIT: ½*****Prerequisite: Digital Photography 2 with a "C" or better and Instructor consent***

In this class students will be encouraged to seek new approaches to photographic creativity through self-guided photographic endeavors. Photographic work completed in this class will be in Digital form; however, major emphasis will be placed on using combinations of different techniques to achieve creative personal expression. Critiques, presentations, and a final portfolio review will be used to allow students to explain their artwork. Students are highly encouraged to use their own camera, but it is not a requirement.

0860 POTTERY 1**GRADE LEVEL: 9, 10, 11, 12****CREDIT: ½**

Origins of clay, clay types, properties of clay, basic hand-building techniques, basic wheel throwing techniques, surface decoration, glazing techniques, and an understanding of the kiln firing process will be taught. Low-fire earthenware clay will be used to create instructor-guided pottery forms with an emphasis on design and individual creativity.

0862 POTTERY 2**GRADE LEVEL: 10, 11, 12****CREDIT: ½*****Prerequisite: Pottery 1 with a "C" or better***

Pottery 2 builds upon the techniques learned in Pottery 1. Students will be encouraged to seek new personal approaches using the techniques of hand building, wheel throwing, decorating, and glazing forms of low-fire earthen clay. A higher degree of historical knowledge, cultural knowledge, and technical knowledge will be taught. A higher degree of craftsmanship, creativity, and effort is required for this class.

0864 POTTERY 3**GRADE LEVEL: 11, 12****CREDIT: ½*****Prerequisite: Pottery 2 with a "C" or better AND Instructor approval***

Pottery 3 allows the student to further explore the clay medium. Students will be encouraged to seek new approaches to creative problem solving through self-guided and instructor-guided experimentation and exploration. A major emphasis will be placed on using different combinations of techniques to achieve creative personal expression. A high degree of craftsmanship, creativity, and effort is required for this class.

WORLD LANGUAGES COURSE DESCRIPTIONS

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

0610 SPANISH 1

GRADE LEVEL: 9, 10, 11

CREDIT: 1

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

0620 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. Paso a Paso 2 textbook is our guide. Students must have a grade of "C-" or better at the end of the first semester or permission from the Spanish instructor in order to take the class second semester.

0630 SPANISH 3

GRADE LEVEL: 10, 11, 12

CREDIT: 1

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

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

0640 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.

0690 GERMAN 1

GRADE LEVEL: 9, 10, 11

CREDIT: 1

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

0691 GERMAN 2

GRADE LEVEL: 10, 11, 12

CREDIT: 1

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

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

0693 GERMAN 3

GRADE LEVEL: 11, 12

CREDIT: 1

Prerequisite: German 2 with "C-" or better

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

0694 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.