

PITTSBURG HIGH SCHOOL  
**PLANNING GUIDE**



**PHS**  
**DRAGONS**

**2024**  **2025**

**Pittsburg High School**

1978 East Fourth Street

Pittsburg, KS 66762

(620) 235-3200

fax (620) 235-3210

Accredited by the Kansas State Department of Education



**District Mission Statement:** To enable learners, through a partnership among home, school, and community to live and learn and contribute to society.

**PHS Mission Statement:** The mission of Pittsburg High School, through a cooperative partnership with students, home, school, and community, is to provide every student with the necessary skills to live and learn in, and contribute to, an ever changing society.

## **USD 250 Pittsburg Community Schools**

**???, Superintendent**

**Ann Lee, Assistant Superintendent**

### **Pittsburg High School**

**1978 East Fourth Street**

**Pittsburg, KS 66762**

**(620) 235-3200**

**fax (620) 235-3210**

**Kelynn Heardt, Principal**

**Kris Crotts, Assistant Principal**

**Trevor Elliott, Assistant Principal**

**Jeff Johnson, Assistant Principal**

**Jeff Staley, Activities Director**

**Gina Ulbrich, Counselor**

**Jessica Stegman, Counselor**

**Maggie Serrano, Registrar**



## **A COMPREHENSIVE FOUR-YEAR EDUCATIONAL EXPERIENCE**

Dear Students and Parents:

We are delighted to welcome you to Pittsburg High School!

The opportunity to join efforts with you for a comprehensive high school educational program is something to which we look forward. Personal development and progress in school are most dependent on your knowledge of our curriculum offerings.

This booklet is designed to assist you in developing your high school educational plans. This book contains the following:

1. Requirements for Graduation, Regents Qualified Admissions, and NCAA Guidelines
2. Course Descriptions
3. Scheduling Planning Forms

We have provided a brief description of each class to assist you in making your plans. Students or parents who desire more detailed information on specific classes are encouraged to contact guidance counselors or teachers.

Sincerely,

PHS Administrators

Kelynn Heardt, Principal

Jeff Johnson, Assistant Principal

Trevor Elliott, Assistant Principal

Kris Crotts, Assistant Principal

Jeff Staley, Activities Director

and Counselors

Gina Ulbrich (students with last names beginning with (A-G)

Jessica Stegman (students with last names beginning with H-O)

Maggie Serrano, Registrar

**EDUCATIONAL PHILOSOPHY**

The district’s educational program is designed to enable each student to develop to his or her maximum potential. The objectives for the educational program include helping each student to:

- Become a productive and responsible citizen
- Develop the fundamental skills essential to self-directed lifelong learning
- Make appropriate educational and career plans
- Learn and apply strategies for logical problem solving and decision making
- Develop self-discipline and a sense of personal responsibility for his or her learning, decisions, and actions
- Demonstrate consideration and respect for others
- Make choices consistent with a healthy lifestyle
- Demonstrate the ability to work well with others
- Use technology effectively

**COURSE SELECTION**

Starting in the spring semester of each school year, students will choose electives and other academic courses not required for graduation. Course placement may be determined by examination scores on the Kansas State Assessment and/or other tests. The master schedule is created based on student selection of courses.

**PLANNING WORKSHEET** We encourage all students to reach well beyond the minimum graduation requirements and to make the most of the educational opportunities Pittsburg High School provides. Students and the Student Advocate will review the student’s plan each

year so that long-term curriculum goals can be planned and achieved as the student progresses through the high school years. All students have the opportunity to update their plans at any time. A planning worksheet is located at the back of this Curriculum/Enrollment Handbook.

**SCHOOL DAY SCHEDULE**

The school day at Pittsburg High School extends from 8:10 a.m. to 3:25 p.m. Students are expected to be in attendance during these hours. Our daily schedule has 50 minute classes with four minute passing periods and a 25 minute lunch. Alternative schedules are followed periodically throughout the year to allow for various activities and/or meetings.

**COURSE AVAILABILITY**

All courses listed in the Curriculum/Enrollment Handbook require a sufficient number of student requests to run in a given year. If there is not sufficient interest in a particular course, it will not be provided during the upcoming school year.

**MINIMUM REQUIREMENTS FOR GRADUATION FROM PITTSBURG HIGH SCHOOL**

PITTSBURG HIGH SCHOOL GRADUATION	
Course	Credits
<b>ENGLISH</b>	4
English 9 (full year)	
English 10 (full year)	
English 11 (full year)	
Speech or Theatre or Forensics or Debate	
English elective (semester)	
<b>MATHEMATICS</b>	3
Algebra I (or its equivalent)	
Math elective (full year)	
Math elective (full year)	
<b>SCIENCE</b>	3
Earth/Space (full year)	
Biology (full year)	
Science elective (full year)	
<b>SOCIAL STUDIES</b>	3
American Government (semester)	
American History (full year)	
World Civilization (full year)	
Social Studies elective (semester)	
<b>PE INTRO</b>	½
<b>HEALTH</b>	½
<b>FINE ARTS</b>	1
<b>ELECTIVES</b>	11

## ADMISSIONS REQUIREMENTS TO KANSAS REGENTS UNIVERSITIES (QUALIFIED ADMISSIONS)

It is important to emphasize that the graduation requirements listed above represent the minimum program of studies for Pittsburg High School students. Entrance requirements to particular colleges and universities may be considerably more stringent. The following standards will meet the Qualified Admissions (QA) Requirements for the Kansas Regents Universities (Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, University of Kansas, and Wichita State University).

Emporia State, Fort Hays State, Pittsburg State, & Wichita State:

- An ACT score of 21
- Or a GPA of 2.25

Kansas State University:

- An ACT score of 21
- Or a GPA of 3.25

Kansas University:

- An ACT score of 21 and a GPA of 3.25
- An ACT score of 24 and a GPA of 3.0

## Kansas Scholars Curriculum & State Scholar Quick Facts



### What is the Kansas Scholars Curriculum?

The Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation during the Senior year. This curriculum is NOT the same as the Qualified Admissions Curriculum.

### What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified on the official roster by the high school counselor, registrar, or similar official.

### What is the benefit of completing the Kansas Scholars Curriculum?

Students that complete the curriculum, and meet the other requirements, may be designated as State Scholars, which makes them eligible to receive State Financial Aid as provided by the Kansas Legislature.

*The academic profile of scholars included an average ACT of 30 and an average GPA of 3.90.*

State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program) based on financial need and the availability of State funds.

### How is financial need determined?

Financial need is measured by the Federal Methodology using data submitted on the FAFSA.

### Kansas Scholars Curriculum

<b>English</b>	Same as the Qualified Admissions Curriculum.
<b>Natural Science</b>	<p>3 approved units including:</p> <ul style="list-style-type: none"> <li>• Biology</li> <li>• Chemistry</li> <li>• Physics</li> </ul> <p><i>A fourth year of science is recommended.</i></p>
<b>Math</b>	<p>4 approved units.</p> <p>Students must complete the following:</p> <ul style="list-style-type: none"> <li>• Algebra I*</li> <li>• Algebra II</li> <li>• Geometry</li> </ul> <p>In addition, students must complete at least one of the following:</p> <ul style="list-style-type: none"> <li>• Analytic Geometry</li> <li>• Trigonometry</li> <li>• Advanced Algebra</li> <li>• Probability &amp; Statistics</li> <li>• Functions</li> <li>• Calculus</li> </ul> <p><i>*Algebra taken in the 8th Grade is accepted.</i></p>
<b>Social Science</b>	Same as the Qualified Admissions Curriculum.
<b>Foreign Language</b>	2 approved units of one foreign language.

*For more information about the Kansas Scholars Curriculum or State Scholar designation, contact the Kansas Board of Regents at (785) 296-3421 or visit the Board's website at [www.kansasregents.org](http://www.kansasregents.org).*

## SCHEDULE CHANGES

Each year a new master schedule is created to accommodate students' course requests made in the spring semester. Faculty and staffing decisions are made, textbooks are purchased, materials are ordered, and rooms are assigned on the basis of these requests. Students must maintain a full schedule of courses during the fall semester and a minimum of five courses for credit.

Course requests are made with student, parent, teacher, and counselor input. Students must see their counselor on or before the first day of classes in a semester to request a schedule change. These requests will be honored for exceptional circumstances as space is available. Schedule change requests must adhere to the following guidelines:

### Adding a Course

Students may add a course during the first 2 days of a semester if:

- Space is available
- And either
  - The student's schedule does not need to be rearranged, or
  - The change moves the student from a larger class to a smaller class with the same teacher

### Dropping a Course

In a full year course, students will have the first two days of the second semester to drop the second part of the course after obtaining approval from the teacher of that course, the parent/guardian, counselor and principal. Students may withdraw from a course after the first two days of the semester; however, students who drop a class after this time must have principal approval.

## COURSE RETAKE POLICY

Students may retake any course. The original grade will remain on the transcript. Duplicate credit will not be issued unless the course is approved for repeat. Students wishing to retake a course in the summer or through the online program must consult their counselor prior to registering for any course. If a grade of "A" or higher was earned the first time, a course may not be retaken.

## SUGGESTED PROGRAMS OF STUDY

1. All freshmen, sophomores and juniors are required to attend school full time. Seniors will be expected to meet full-time equivalency requirements. Changes in this rule may only be approved by the building principal.
2. In planning a course of study, the student must be continually aware of the need to fulfill the requirements for graduation.
3. Students are encouraged to investigate, with their counselors and/or parents, the requirements of the specific institution(s) of higher learning they may wish to enter, taking that information into consideration in designing their 4 year educational plan.

## COURSE PLACEMENTS

Course level placement is used in English, mathematics and courses which require prerequisites. The underlying goals and purposes are provided below. Students are assigned to the appropriate level based upon a combination of the following criteria:

- Pittsburg High School placement inventories/assessments
- Kansas State Assessments
- Teacher Recommendations
- Student Interest
- Parent Interest

## GRADING

Grades are administered by teachers according to their course descriptions and course requirements. Students and parents may view grades and monitor progress on PowerSchool. Two cumulative grades will appear on a student's official transcript, weighted GPA and unweighted GPA.

**Unweighted Cumulative Grade Point Averages (GPA)** are based on the following scale:

Grade	A	B	C	D	F
Points	4.0	3.0	2.0	1.0	0

**Weighted Cumulative Grade Point Averages (GPA)** are based on the following:

- Students may receive a weighted factor for taking any of the following Honors or Advanced Placement (AP) courses: AP Art 2D, AP Art 3D, AP American Government, AP Calculus, AP Spanish IV, AP English Language & Composition, AP English Literature &

Composition, Honors Algebra II, PreCalculus, Honors Biology, Honors World History, Honors American History, Honors English 9, Honors English 10, and college courses.

- **Weighted gpa = standard gpa + (# AP year courses/26)**

#### **Exclusions from the GPA**

The following courses are not included in the calculation of a student's grade point average:

- Student Aide
- Pass/Fail courses
- Study Hall

#### **TRANSCRIPTS**

Transcripts provide both weighted and unweighted grade point averages. Students may request transcripts for college admission, scholarship applications, NCAA eligibility center, etc. through their Parchment account. While ACT test scores are included on the student transcripts, students must typically request that these scores be sent directly to colleges, universities, and other institutions. This may be done through the web sites of the testing agencies: [www.act.org](http://www.act.org) and/or [www.collegeboard.com](http://www.collegeboard.com).

#### **ADVANCED PLACEMENT COURSES**

Students have the opportunity to complete Advanced Placement (AP) courses in the following subject areas: Art 2D, Art 3D, American Government, English Language and Composition, English Literature and Composition, Spanish Language, and Calculus AB. The content of these college level courses is determined and approved by the College Board. Students who score well on the AP exam may be awarded college credit in many of the nation's colleges and universities. In assessing a student's college admissions application, many colleges also look favorably upon courses designated as AP since these courses represent more rigorous content than the standard high school curriculum. Students are encouraged to investigate the AP policy of the college of their choice. Some summer work may be required.

# NCAA

## Eligibility for High School Inter-Scholastic Activities

Any student who represents a school in activities must satisfy all scholastic requirements for participation. Students must be enrolled in and passing five classes of unit credit not previously passed. Courses that may be repeated for credit according to the program planning guide may count toward eligibility. **Students must be bona fide students as defined by the Kansas State High School Activities Association (KSHSAA).**

## NCAA Requirements

All students considering participating in athletics in college should check with their counselor for more information and to review the National Collegiate Athletic Association eligibility guidelines. These guidelines are also found on the NCAA Eligibility Center website: [www.NCAA.org/playcollegesports](http://www.NCAA.org/playcollegesports).

## Test Score requirements for both Division I and Division II

The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading, and science. When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on the transcript will not be used.

## NCAA Division I—16 Core Courses required

NCAA Division I will require 10 core courses to be completed prior to the seventh semester (7 or the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below).

### Full Qualifier

There will be three possible initial-eligibility outcomes:

- **Qualifier:** May receive athletic aid (scholarship), practice and compete in the first full year of full-time enrollment at the Division I college or university. Must meet the sliding scale of core-course GPA (minimum 2.30) and SAT/ACT sum score, and graduate from high school.
- **Academic Redshirt:** May receive athletics aid (scholarship) in the first year of full-time enrollment and may practice in the first regular academic terms (semester or quarter) but may not compete in the first year of enrollment. The student-athlete must successfully complete nine semester hours or eight quarters in the initial term at his/her college or university to continue to practice in the next term. Must meet the sliding scale of core-course GPA (minimum 2.0) and SAT/ACT sum score and graduate from high school.
- **Nonqualifier:** Cannot receive athletics aid (scholarship), practice or compete in the first year of full-time enrollment.

## NCAA Division II—16 Core Courses required

The **Division II** core GPA requirement is a minimum of 2.200.

Remember the NCAA GPA is calculated using NCAA core courses only.

### Full Qualifier

There will be three possible initial-eligibility outcomes:

- **Qualifier:** May receive athletic aid (scholarship), practice and compete in the first full year of full-time enrollment at the Division I college or university. Must meet the sliding scale of core-course GPA (minimum 2.20) and SAT/ACT sum score, and graduate from high school.
- **Partial:** May receive athletics aid (scholarship) in the first year of full-time enrollment and may practice in the first regular academic terms (semester or quarter) but may not compete in the first year of enrollment. Must meet the sliding scale of core-course GPA (minimum 2.0) and SAT/ACT sum score and graduate from high school.
- **Nonqualifier:** Cannot receive athletics aid (scholarship), practice or compete in the first year of full-time enrollment.

Division I 16 Core Courses	DIVISION II 16 Core Courses
4 years of English 3 years of mathematics (Algebra I or higher) 2 years of natural/physical science (1 year of lab if offered by high school) 1 year of additional English, mathematics or natural/physical science 2 years of social science 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)	3 years of English 2 years of mathematics (Algebra I or higher) 2 years of natural/physical science (1 year of lab if offered by high school) 3 years of additional English, mathematics or natural/physical science 2 years of social science 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

# PITTSBURG HIGH SCHOOL ACTIVITIES AND ATHLETICS

Pittsburg High School is a member of the Kansas State High School Activities Association (KSHSAA) and competes within the Southeast Kansas SEK League. The primary purpose of Pittsburg High School Activities is to promote academic achievement; therefore, students engaged in those areas of the co-curricular program, which make significant demands on their time, must perform satisfactorily in the classroom in order to continue their participation in the co-curricular activities. In order to be eligible to participate in a co-curricular activity, students must pass at least five (5) classes in the preceding semester and be enrolled in at least five (5) classes during the current semester.

## KSHSAA SANCTIONED ATHLETICS

	FALL	WINTER	SPRING
<b>BOYS</b>	Cross Country	Basketball	Baseball
	Football	Student Athletic Trainer/Manager	Golf
	Men's Soccer	Wrestling	Student Athletic Trainer/Manager
	Student Athletic Trainer/Manager		Tennis
			Track and Field

	FALL	WINTER	SPRING
<b>GIRLS</b>	Cross Country	Basketball	Softball
	Golf	Student Athletic Trainer/Manager	Student Athletic Trainer/Manager
	Student Athletic Trainer/Manager	Wrestling	Track and Field
	Tennis		Women's Soccer
	Volleyball		

## KSHSAA SANCTIONED ACTIVITIES

- Band (Marching, Pep, Concert, Orchestra, Jazz)
- Cheer
- Color Guard
- Dance Team
- Debate/Forensics
- National Speech & Debate Association (NSDA)
- Scholars Bowl
- Student Council
- Vocal Music

## CLUBS

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Archery</li> <li>Art Club</li> <li>Black Student Union</li> <li>Book Club</li> <li>Bowling Club</li> <li>Chess Club</li> <li>Culinary Dragons</li> <li>Disc Golf Club</li> <li>Drama Club – also International Thespian Society</li> <li>Dungeons &amp; Dragons</li> <li>Equality Club</li> <li>E-Sports Club</li> <li>F.I.R.S.T. Robotics</li> <li>FCCLA (Family, Career and Community Leaders of America)</li> <li>FCA (Fellowship of Christian Athletes)</li> <li>Get Busy Living</li> <li>Guitar Club</li> <li>High School Democrats Club</li> <li>HOSA (Health Occupation Student Association)</li> <li>Horticulture Club</li> </ul> | <ul style="list-style-type: none"> <li>Islander Club</li> <li>Key Club</li> <li>Math Club</li> <li>NHS (National Honor Society)</li> <li>NSDA National Speech and Debate Association</li> <li>Scholars Bowl</li> <li>Teenage Republicans Club</li> </ul> |
|--|--|

# Art

## **AP STUDIO ART 2D DESIGN (1517, 1518)**

11, 12

Prerequisite: Intro to art, Drawing, Painting

1 year                      1 credit

This course is equivalent to a first year college art class and all students are expected to investigate and challenge themselves to develop mastery in their ideas, skills and abilities in 2D art. Students will use a variety of concepts and approaches with techniques and mediums as they demonstrate work with an idea, concept or abstraction formed and existing in their mind. Students taking AP Art are required to submit an AP Portfolio. The portfolio can be created in both junior and senior year for submission senior year or, the portfolio can be completed each year separately.

## **AP STUDIO ART 3D DESIGN (1522,1523)**

11, 12

Prerequisite: Intro to art, Ceramics, Ceramics II

1 year                      1 credit

This course is equivalent to a first year college art class and all students are expected to investigate and challenge themselves to develop mastery in their ideas, skills and abilities in 3D art. Students will use a variety of concepts and approaches with techniques and mediums as they demonstrate work with an idea, concept or abstraction formed and existing in their mind. Students taking AP Art are required to submit an AP Portfolio. The portfolio can be created in both junior and senior year for submission senior year or, the portfolio can be completed each year separately.

## **ART, INTRODUCTION TO (101)**

9, 10,11,12

Prerequisite: none

1 semester                      .5 credit

The purpose of Introduction to Art is to develop an understanding of art media, techniques, and processes through readings, activities, and independent problem solving through use of their intellectual skills and efforts. Students will be introduced to the Language of Art (the Elements and Principles of Art), pencil drawing, design fundamentals, one and two point perspective, color principles, theory, color mixing, acrylic painting, and Art Careers (lettering and cartooning).

## **CERAMICS I (104)**

9,10,11,12

Prerequisite: Introduction to Art

1 semester                      .5 credit

The purpose of Ceramics is to provide the opportunities to design, form and experience the pottery medium through active participation in the clay processes, tools and equipment. During the semester the student will produce hand formed pieces. These pieces will be finished, glazed pieces.

## **CERAMICS II (110)**

10, 11, 12

Prerequisite: Intro to Art, Ceramics I

1 semester                      .5 credit

The purpose of this course is to provide the opportunity to advance skills and continue work in the area of ceramics.

## **DESIGN CRAFTS (1336)**

9,10,11,12

1 semester                      .5 credit

Craft Design is an art class with an eye on utility (use); you'll study the aesthetics of handcrafting, involving ceramics, paper art (origami & quilling), weaving, jewelry, leatherwork, etching and printmaking, and wood crafts. Much time will be spent in the studio, experimenting with materials, developing your personal artistic vision, and working on technique.

## **DRAWING (788)**

9, 10, 11, 12

Prerequisite: Intro to Art

1 semester                      .5 credit

The purpose of this course is to concentrate on developing and improving the student's drawing skill, through a variety of drawing media and technique processes. Students will gain competencies and skills in contours, gestures, value studies, perspective studies, realistic drawings, life drawing, and imaginative drawing.

**PAINTING I (103)**

10, 11, 12

Prerequisite: Intro to Art, Drawing

1 semester .5 credit

The purpose of Painting 1 is to acquaint the senior high student with a basic understanding of composition, painting techniques and art appreciation through active participation in the media of watercolor and acrylic.

**PAINTING II (112)**

10, 11, 12

Prerequisite: Intro to Art, Drawing, Painting I

1 semester .5 credit

The purpose of Painting II is to give the student interested in painting an opportunity to continue their exploration of painting techniques with oil paints.

**SCULPTURE (106)**

10, 11, 12

Prerequisite: Intro to Art

1 semester .5 credit

The purpose of this course is to provide opportunities in the techniques and processes of Sculpture. The student will analyze and use effectively the Sculpture media and processes in relationship to ideas, feeling and personal experiences. This course will use a variety of media, work in two- and three-dimensions, provide historical background and hands on experience in the three sculptural processes: Construction, subtractive and additive.

**PRINCIPLES OF ILLUSTRATION (DRAWING II) 1091**

10, 11, 12

Prerequisite: Introduction to Art, Drawing

1 semester .5 credit

The purpose of this course is to offer an advance level drawing class to students who would like to explore areas of interest in a variety of mixed media and subject matter.

# Automotive Technology

## **INTRODUCTION TO TRANSPORTATION & LAB (1212, 1213)**

9, 10, 11, 12

1 semester, 2 hours 1 credit

This career and technical education course instructs students in automotive shop safety procedures, hand & power tool use, automotive shop operation, and the operation and service procedures of automotive electrical systems. Students are trained on "live" vehicles and with mockup activities to diagnose, repair and service automotive electrical systems. Students will also learn basic workplace skills and participate in the SkillsUSA Professional Development Program to help prepare them for an entry level position or further training in the automotive industry. Students must successfully complete & pass the OSHA 10 requirements in order to advance in the auto tech program.

## **AUTOMOTIVE TECHNOLOGY II (578, 579)**

10, 11, 12

Prerequisite: Intro to Transportation & Lab

1 year 2 credits (Two period course)

This vocational career and technical course instructs students in the operation and service of lighting and gauge electrical circuits, ignition, fuel, exhaust, and emission control systems. Students are trained on "live" vehicles to diagnose, repair and service the above systems. Students will also continue to learn basic workplace skills and participate in the SkillsUSA Professional Development Program to help prepare them for an entry level position or further training in the automotive industry.

## **AUTOMOTIVE TECHNOLOGY III (582, 583)**

11, 12

Prerequisite: Intro & Automotive Technology II

1 year 2 credits (Two period course)

This vocational career and technical course instructs students in the operation and service of the braking, steering, and suspension system. Students are trained on "live" vehicles to diagnose, repair and service the above systems. Students will also continue to learn basic workplace skills and participate in the SkillsUSA Professional Development Program to help prepare them for an entry level position or further training in the automotive industry. Students will also be participating in an internship with local businesses during Automotive III.

## **AUTOMOTIVE TECHNOLOGY IV (1394, 1220)**

12

Prerequisite: Automotive Technology III

1 year 2 credits (Two period course)

This is the culminating course for auto technology. Students will participate in an internship in a local automotive business.

# Business

## **ACCOUNTING I (132, 532)**

9, 10, 11, 12

Prerequisite: None

1 year 1 credit

Students are introduced to accounting, which they will be expected to understand and use as adult consumers and employees. Financial transactions are analyzed and recorded, and financial statements are produced. Students are expected to learn the principles and procedures needed to begin entry-level accounting careers. To further their study, computer applications will be introduced at this level. Virtual Accounting Simulations are used to enhance the understanding of a business' operations as well as becoming an accountant and dealing with business decision making.

## **ADVANCED ACCOUNTING (1595,1596)**

10, 11, 12

Prerequisite: Accounting I

1 year 1 credit

This is a course designed for students who have definite interest in pursuing the study of accounting at the post-secondary level or who have a desire to seek a beginning position upon graduation from high school. The student is given the opportunity to further develop the fundamentals of accounting in the following areas: accrued items, depreciation, departmental accounting, partnership accounting, corporation accounting, automation, cost accounting, special sales. Virtual Accounting Simulations are used to enhance the understanding of a business' operations as well as becoming an accountant and dealing with business decision making. Spreadsheet applications are used to teach selected concepts.

## **BUSINESS ESSENTIALS (109)**

9, 10, 11, 12

Prerequisite: None

1 semester .5 credit

This course is designed to give students an overview of the business, marketing & finance career cluster occupations. Students develop an understanding of how academic skills in mathematics, economics, and written and oral communications are key components of success in the business world and in their personal lives. Some of the many topics included are: business in the global economic environment, business organization and management, business operations & technology, & financial management. Students will be able to analyze their personal financial decisions, & then evaluate the costs and benefits. They learn to apply decision-making skills to evaluate career choices, set personal goals, utilize their rights and responsibilities as consumers, etc. The course is designed to help the student make wise spending, saving, and credit decisions so that they will become competent consumers.

## **ENTREPRENEURSHIP (111)**

9, 10, 11, 12

1 semester .5 credit

Students will learn the knowledge and skills necessary to own and operate their own business. This course is a hands-on, engaging program that fosters value-based thinking, promotes positive character development & teaches business economics and principled entrepreneurship.

## **INTERNSHIP IN ACCOUNTING (129 spring)**

12

Prerequisite: Accounting II

1 semester 1 credit (2 Blocks)

This capstone course applies knowledge of accounting fundamentals acquired throughout the Accounting Pathway to move students into a stronger position to enter the accounting field either out of high school or in preparation of the college environment. Students utilize live accounting software to complete accounting procedures and transactions dealing with the following: financial management decision programs, computer accounting simulations, and programming for general business operations. The second semester will leave the campus to complete a rotational internship at local businesses to complete their hands-on experience in accounting.

## **LAUNCH (1407)**

11, 12

1 semester 1 credit (2 Blocks)

The Launch Program is a professional development student initiative offered by PHS. Launch provides high school students with educational opportunities that are driven by real-world, career-oriented experiences, and focuses on developing the "whole student" - both academically, interpersonally, and intrapersonally. Launch is committed to providing authentic, "hands on" experiences for all students, integrating critical thinking, communication, collaboration, and creativity into every day, providing authentic work experiences and mentoring opportunities with local business partners, and enhancing regional economic and community development by effectively preparing talent for in-demand, high skill careers.

**\*CAPS APPLIED BUSINESS DEVELOPMENT**

**\*CAPS ENGINEERING**

**PRINCIPLES OF MARKETING (1500,1501)**

9, 10, 11, 12

1 year 1 credit

Students will acquire an understanding of the importance of marketing, channel management, marketing information management, why items are priced how they are, product life cycles, role of promotion, customer relationships, and much more.

# Communication Arts

## (Debate, Forensics, Speech)

### **DEBATE, Novice (164)**

9,10,11

Prerequisite: KSHSAA eligible

1 semester .5 credit

Novice Debate involves the study of basic competitive debate techniques and the current national debate topic for high schools across the United States. The class will involve actual competition. Students are expected to master fundamental debate techniques. At least 3 tournament competitions are required. This is a co-curricular class.

### **DEBATE, Experienced (168)**

10, 11, 12

Prerequisite: Novice Debate, permission of instructor, KSHSAA eligible

1 semester .5 credit

Experienced Debate is a continuation of debate skills learned in Novice Debate. Students will be expected to expand their skills in use of logical thinking, organization, arranging materials, and oral presentation. Students will explore various paradigms in debate and will practice adapting to a variety of paradigms during interscholastic competition. Students are required to attend 4 tournaments.

### **FORENSICS–COMPETITIVE SPEAKING & ACTING (1125)**

9,10,11,12

Prerequisite: KSHSAA eligible

1 semester .5 credit

Students will be exposed to a variety of speaking and acting events. Forensics is a co-curricular class that involves attendance at three tournaments outside of school.

### **REAL WORLD COMMUNICATIONS (1372)**

11,12

1 semester .5 credit

Students will learn real world communication skills to help them with job readiness, as well as working on day-to-day communications they may encounter. This is not a concurrent speech course, but will count as a speech/theatre requirement.

### **SPEECH (162)**

10,11,12

Prerequisite: none

1 semester .5 credit

Beginning Speech will involve the study of basic communication. Students will learn speaking and speech preparation skills. Projects include: Informative Speech, Demonstrative Speech, Election Speech, and Creating Commercials. This course is available for concurrent college credit through Pittsburg State University; tuition and fees are the responsibilities of the student. This course fulfills an English elective.

### **SPRING DEBATE (1331)**

10, 11, 12

Prerequisite: Teacher Approval, Novice Debate, Forensics

1 semester .5 credit

Spring debate will focus on Student Congress, Public Forum Debate, Lincoln-Douglas Debate and Mock Trial. Competition at 3 Friday tournaments is required.

# Construction Mgmt

## **ADVANCED INDUSTRIAL TRADES INTERNSHIP (1360)**

12

1 semester .5 credit

An advanced application level course that offers students an opportunity to apply knowledge and skills in an actual workplace setting, outside of the school setting, that explores all aspects of the selected industry, builds relationships with industry professionals, and creates a seamless transition from secondary to postsecondary pursuits and job satisfaction. Students should have completed other pathway courses at the technical and application level prior to this course.

## **CARPENTRY I (1520, 1521)**

9, 10,11,12

Prerequisite: Intro to Crafts Skills or Construction III (PCMS)

1 year 1 credit

A comprehensive course designed to instruct students in the basic knowledge and skills required for construction of residential structures.

## **INDUSTRIAL TRADES FIELD STUDY (1359)**

11,12

1 semester .5 credit

This is an advanced level application course introducing workforce, interviewing, and presentation skills. Students will tour different companies related to the construction/manufacturing industry. After touring, they will get the opportunity to go through the application process with the company.

## **INTRODUCTION TO CRAFT SKILLS (834)**

9,10,11,12

1 semester .5 credit

Major course goals include providing students the opportunity to earn a national accreditation (certification) through a standardized training program NCCER whose curriculum is designed by the industry, for the industry, to build a safe productive workforce of craft professional. Fall semester will include course projects and activities based on Basic Safety, Construction Math, Introduction to Hand Tools, Introduction to Power Tools, Introduction to Blueprint's Basic Communication, and Employability skills. Spring semester will include introductory level CAD course that focuses on the basic principles of blueprint construction and design. Students will create both 2D and 3D CAD drawings, build models, and learn about the Architectural History. Students will engage in activities in which they will be required to design, construct, and test their ideas against other members of the class.

## **WOODWORKING PRINCIPLES (1357, 1358)**

9,10,11,12

1 year 1 credit

Prerequisite: Intro to Craft Skills or Construction III (PCMS)

This course introduces students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project, prepare bills of materials, construct, and finish proposed projects.

## **WOODWORKING II (1399, 1400)**

11, 12

1 year 1 credit

Prerequisite: Intro to Crafts Skills, Woodworking Principles

This course is a continuation from Woodworking Principles. Students are expected to go more in-depth in design and construction of a project. This course will prepare students for an internship program that may be taken senior year.

# Culinary Arts

## **BAKING & PASTRY I (1555)**

9,10, 11, 12

Prerequisite: Culinary Essentials C or better

1 semester .5 credit

This is an advanced class in the student of basic baking techniques. This class will cover basic knowledge of baking, pastry theory and practical application. In this course, students will learn a variety of quick bread batters, quick bread soft doughs, and yeast breads. We will also make cheesecake, custards and pies. Students will cover batters and doughs produced by the creaming method and will make cakes and frostings from scratch. Students will develop team-building skills necessary for employment.

## **CULINARY ESSENTIALS (1453)**

9, 10, 11, 12

1 semester .5 credit

Culinary essential students will develop and learn several topics, including food safety and sanitation, basic kitchen math skills, nutritional needs, and food source sustainability. Students will learn teamwork and compatibility while learning basic cooking methods.

## **CULINARY I (1551, 1552)**

10, 11, 12

Prerequisite: Culinary Essentials

1 year 1 credit

Restaurant and Hospitality management and Culinary arts I

Culinary I students will begin to learn food safety and sanitation skills necessary for the Servsafe food handler testing. Students will learn meal format construction, farm to table education, kitchen math skills, and basic cooking methods. Students will also discover the basic needs of entry-level kitchen work and Industry and Hospitality management. Students will begin development of Business planning and development. This course participates in ProStart Culinary and Restaurant Management. This course meets PHS fine arts requirements.

## **CULINARY II (1553, 1554)**

11, 12

Prerequisite: Culinary Essentials, Culinary Arts I

1 year 1 credit

Restaurant and Hospitality management and Culinary arts II

Culinary II students will learn developmental and advanced skills needed to flow into the culinary world. Topics covered in culinary II include restaurant development, menu management, and recipe development. Students will also learn how to manage every day operations, budgeting, and managing costs. Students will further develop business plans created in Culinary I. Servsafe Restaurant management testing will be available at the end of the course. This course participates in ProStart Culinary and Restaurant Management. This course meets PHS fine arts requirements.

# Digital Media

## **ADVANCED MEDIA PRODUCTION (1379, 1380)**

10,11,12

Prerequisite: Media Production with a B or higher, application & instructor permission

1 year 1 credit

The purpose of this course is to teach students advanced journalism skills necessary to produce print and online student media associated with the newspaper, yearbook, website, and social media. The skills include writing, marketing, design, and business management. Students are responsible for the leadership, conceptualization, design, creation, promotion and production of print and online media. To be successful in this course, students are expected to work on assignments outside of class. This course meets the English elective requirement.

## **ADVANCED MULTIMEDIA PRODUCTION (1375, 1376)**

10,11,12

Prerequisite: Media Production with a B or higher, application & instructor permission

1 year 1 credit

The purpose of this course is for students who have successfully completed Intro to Multimedia and want to further their skillset with photography and videography. This class will teach advanced technical skills to produce quality images and video for use in a variety of projects and publications. Topics include use of photo and video equipment, software and techniques to take, edit and manipulate digital images and video. This course is an avenue for learning the trade of photojournalism and videography and having photos and videos published. Students will create a portfolio to transition to the next level, whether college or career. To be successful in the course, students must be able to work individually and are required to work on assignments outside of class and attend events.

## **EDITORIAL LEADERSHIP (1295, 1296)**

10,11,12 Prerequisite: Enrolled in a student publications course and permission of instructor

1 year 1 credit

Students must be on a student publications staff and have instructor approval. The purpose of this course is to cultivate leadership skills and focus on successful management and leadership techniques. It is an opportunity for the editorial board to conduct meetings and develop strategies to determine resources and tasks necessary for project completion and evaluate and assign resources to tasks. Students will implement project management skills to design and complete a collaborative project and learn various survey strategies to track progress and develop strategies for monitoring interconnected assignments. Students must maintain a C or better to remain enrolled in this course for the second semester.

## **MEDIA PRODUCTION (1377, 1378)**

9,10, 11,12

1 year 1 credit

The purpose of this course is to train students in the journalism skills necessary to produce print and online student media associated with the newspapers, yearbooks and website and social media. The skills include writing, marketing, design and business management. Students are responsible for the design, creation, promotion and production of print and online media. To be successful in the course, students are expected to work on assignments outside of class. Note: Students must complete an application and have instructor permission after the application is evaluated. Applications are available from the instructor. Students must have a B or higher to remain in the course at semester or apply for the next year. This course meets the English elective requirement.

## **INTRODUCTORY to MULTIMEDIA (1373, 1374)**

9,10,11,12

1 year 1 credit

The purpose of this course is to teach technical skills to produce quality images for use in a variety of applications and publications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images. This course is an avenue for learning the trade of photojournalism, have photos published, and create a portfolio to transition to the next level, whether college or career. To be successful in the course, students are required to work on assignments outside of class and attend events outside of school.

Students must have a B or higher to remain in the course at semester or apply for the next year, unless approved by the instructor.

## **PITT MEDIA SPECIAL PRODUCTIONS (1549, 1550)**

Prerequisite Advanced Multimedia Productions with a B or higher, application & instructor permission after the application is evaluated. Applications Available from the instructor.

1 year 1 credit

This course is a branch of our Pitt Media Publications program. Select students will have the opportunity to gain real-life experience in creating video, photo, and design projects for clients. These experiences include, but are not limited to marketing and sales, promotional videos, appreciation videos, awareness videos, event portraits, and advertisement design. This course will cover how to communicate with clients, creating and maintaining contracts, performing and meeting deadlines outlined by client needs, and producing quality products.

# Early Childhood Development and Services

## **CAREER & LIFE PLANNING (1510)**

9,10,11,12

1 semester .5 credit

Career and Life Planning will introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal-setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.

## **FAMILY STUDIES (1512)**

9,10,11,12

1 semester .5 credit

Family Studies will emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. This course will emphasize (but not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. This course may also cover topics related to self-development, career development, personal awareness, and preparation for the responsibility of a family member and wage earner.

## **FOUNDATIONS OF EARLY CHILDHOOD DEVELOPMENT**

11, 12

**(486, 487)**

Prerequisite: Child Development, Parenting

1 year 1 credit – QA Elective

Child development classes provide students with knowledge about the physical, mental, emotional, and social growth and development of children from conception to pre-school age, emphasizing the application of this knowledge in a child care setting. These courses typically include related topics such as the appropriate care of infants, toddlers, and young children.

## **HUMAN GROWTH & DEVELOPMENT (1195)**

9,10,11,12

1 semester .5 credit

This course will provide students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age, with a special emphasis on birth through school age. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children.

# Engineering

## **APPLICATIONS OF TECHNOLOGY (1508)**

10, 11, 12

Prerequisite: One of the following: Investigations of Design and Engineering Technology, or Investigations of Communication and Information Technology, or Investigation of Power, Energy, and Transportation Technology, or Investigation of Production and Construction Technology  
1 semester .5 credit

You must contract with the teacher in a specific technology area of your interest. These contracts may be: thematic, independent studies, small group projects, or mentoring in nature. You will plan, research, design, and present topics to evaluation panels or community groups. The nature of the project will enable you to develop advanced skills in the technology area of your choice.

## **APPLICATIONS OF TECHNOLOGY II (1509)**

10, 11, 12

Prerequisite: Applications of Technology

This course is a continuation of applications of technology. Students must contract a project with the instructor.

## **COMPUTER PROGRAMMING (1607, 1608)**

9,10,11,12

1 year 1 credit - Students may choose to take as a yearlong course or as a single semester course.

Students develop an introductory understanding of fundamental computer science concepts and apply computational thinking skills to solve problems through the use of entry level coding tools for computers and/or mobile devices.

## **ENGINEERING & ROBOTICS (1506, 1507)**

10,11,12

Prerequisite: Intro to Tech & Engineering

1 year 1 credit

Engineering & Robotics is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots.

## **INTRO TO TECH & ENGINEERING (1297, 1298)**

9,10,11,12

1 year 1 credit

This course prepares students to understand and use technology concepts and processes. Students will build projects, develop innovations, and engineer practical solutions to real world problems. A wide variety of technology equipment including: computer controlled cutting lasers; digital cameras and software; wood, metal and plastic fabrication equipment; engineering software; and many others will be experienced.

# English

## **ADVANCED COMPOSITION (186)**

12

Prerequisite: English 9, 10, 11

1 semester .5 credit

The purpose of Advanced Composition is to improve students' writing skills in order to enhance their ability to be college ready. We will write using essay styles/report formats used at the college level. The course is centered around Carol Dweck's *Mindset: The New Psychology of Success*. The primary activities involve reading assigned texts, class discussion of those texts, various writing assignments (both shorter & longer papers). We will use a writing process that involves pre-writing, rough draft writing, self-editing, peer review, final draft writing, audience (teacher) evaluation using Pitt State rubrics, revision (as needed until the assignment meets expectations). Student may enroll concurrently in this class for PSU college credit in English Composition 101 (tuition/fees are the responsibility of the student).

## **ADVANCED CREATIVE WRITING (1519)**

10, 11, 12

Prerequisite: Creative Writing

1 semester .5 credit

The purpose of advanced creative writing is to use previous knowledge, skills, and work that were developed in Creative Writing to create a large portfolio of writing that fits their own personal writing goals. Students will choose specific skills they want to develop, while focusing on the editing and revision process. Students will also have a chance to enter contests, competitions, and learn more about the publishing process.

## **AP ENGLISH Language and Composition (187, 787)**

11

Prerequisite: English 9, 10

1 year 1 credit

This is a college-level course, and students can, by passing the Advanced Placement Exam in May, obtain college credit in an English composition class. This course focuses on rhetoric and composition more than literature. There is an emphasis on analytical reading of most non-fiction prose, but students also read novels and plays and range of essays comprising topics from philosophy, psychology, science, and religion. SUMMER READING IS REQUIRED. A student with a failing grade at semester will not be allowed to continue to the next semester. This class will receive a weighting in the GPA calculation.

## **AP ENGLISH Literature and Composition (199, 1233)**

12

Prerequisites: AP English Language and Composition or English 11

1 year 1 credit

While AP Lit requires students to read and write extensively outside of class, it's also a fun course that is similar to book club. We'll examine novels, plays, short stories, and poems from a variety of time periods. Writing assignments include in-class essays and dialectical journals. As a college-level course, students will read challenging, provocative, dense, and sometimes controversial material. This course is available for PSU General Literature credit, which students may earn either by paying tuition and fees or by passing the AP Lit exam in May. This class will receive a weighting in the GPA calculation.

## **CREATIVE WRITING (183)**

9,10,11,12

1 semester .5 credit

The purpose of Creative Writing is to encourage students to use their imagination and personal experiences in writing short stories and poems. We'll study professional writers' stories and poems as examples of the craft, and we will workshop each other's writing as well. Students should walk out of this class with a collection of work they can be proud of.

## **ENGLISH 9 (156, 157)**

Prerequisite: Required for 9th Grade

1 year 1 credit

English 9 students study three books and one play as well as literary excerpts. The goal is that students can read closely, participate in thoughtful discussions of literature and literary devices, and engage in effective writing/research related to text studied. Students review grammar/usage concepts to use language more skillfully in written and oral communication.

## **ENGLISH 9 HONORS (642, 643)**

1 year 1 credit

English 9 Honors is for high-ability students who wish to encounter rigorous material in preparation for Honors 10, Advanced Placement English, or college-level classes. Core components of the English 9 curriculum are studied plus an additional novel each semester as well as more essay writing and research projects. If a student were to finish the semester with a D, a conversation with the teacher needs to occur to determine if Honors is the appropriate placement. This class will receive a weighting in the GPA calculation.

**ENGLISH 10 (180, 179)**

Prerequisite: Required for 10<sup>th</sup> grade, English 9

1 year 1 credit

English 10 students will review writing skills and correct usage, review basic paragraph and essay structure, and use the writing process to produce essays. Students will use the 6-trait analytical writing assessment model. Students will also read traditional, multicultural, and contemporary literature to understand the concept of literary genres, techniques, and themes. A career unit and a library research unit are included.

**ENGLISH 10 HONORS (190, 191)**

Prerequisite: It is strongly suggested that students have a B or above in English 9 or English 9 Honors.

1 year 1 credit

This is a rigorous, weighted, yearlong course. The purpose of this class is to offer promising students challenging material and research-based strategies that will prepare them for future AP English courses or college-level courses. The goal of Honors English 10 is to ensure that students acquire the ability to read closely, understand the conventions of literary discourse, engage with the discourse through writing accurately and insightfully, and encounter challenging material. The core texts will comprise a survey of canonical literature from various genres and independent reading of canonical literature from various genres. Independent reading of Accelerated Reading novels is required. NOTE: Students with a failing grade after the first semester will not be allowed to continue to the next semester. A student who finishes the first semester with a C can be enrolled for the second semester with teacher recommendation following a conference to determine if Honors is the appropriate placement. This class will receive a weighting in the GPA calculation.

**ENGLISH 11 (182, 181)**

Prerequisite: English 10

1 year 1 credit

English 11 students will continue instruction in the writing process with emphasis on advanced theme writing for effective communication. Students will use the 6-trait analytical writing assessment model. The student will write an internal research paper. Students will increase their understanding of how American language and literature reflect cultural values through reading American literature and studying American authors.

**LITERATURE & FILM STUDIES (1599)**

10,11,12

1 semester .5 credit

This course explores the dynamic relationship between film and literature. Students will read classic literary works and analyze their film adaptations, examining how narrative elements, themes, and characters are translated from page to screen. Through critical analysis and discussion, students will gain a deeper understanding of storytelling in both mediums.

**MYTHOLOGY (202)**

9, 0, 11,12

1 semester .5 credit

Mythology explores myths from Greece,

the Middle East, Northern Europe, the Far East, Africa, and North and South America. Students will be studying motifs such as pantheons, creation, apocalypse, underworld, heroes, mythical creatures, and mythical places as well as other common threads among world myths. This is a reading intensive course that will use projects, simulations, essays, and objective tests to show student growth throughout the semester.

**VISUAL STORYTELLING: COMICS (1597)**

9,10,11,12

1 semester .5 credit

This course will be an in-depth study of comics and graphic novels, analyzing their historical impact, literary importance, and ability to build meaning through art with text.

# ESOL

Students will be placed based on assessment scores and teacher recommendations. Students for whom English is not their first language will receive areas of instruction in listening, speaking, reading and writing in the English language.

**Newcomer (510, 515)**  
**Newcomer II (1340, 1344)**  
**Beginner (507, 509)**  
**Intermediate (519, 521)**  
**Intermediate II (1266, 1267)**  
**Advanced (522, 523)**  
**ESOL English Newcomer (1444, 1441)**  
**ESOL English Beginner (1443, 1442)**  
**ESOL Science (1243, 1244)**  
**ESOL Science II (1544, 1546)**  
**ESOL Early US History (1465, 1466)**  
**ESOL Government (1269)**  
**ESOL Justice Studies (1332)**  
**ESOL Algebra A (1471, 1341)**  
**ESOL Algebra B (1391, 1392)**  
**ESOL Consumer Math (1465)**  
**ESOL Health (1389)**  
**ESOL World Civilization (1463, 1464)**  
**ESOL Speech (1545)**  
**ESOL Theatre (1469)**

# FOREIGN LANGUAGE

## **SPANISH I (236, 534)**

9,10,11,12

Prerequisite: strongly advised to have a C average in classes

1 year 1 credit

Spanish I is a study of the basic vocabulary, greetings, phrases, and verb usage, which would be a foundation for further study and simple communication with native speakers. Listening, speaking, reading, and writing skills are exercised through class recitation, exercises and use of cassettes, guests and films.

## **SPANISH II (238, 535)**

10,11,12

Prerequisite: Spanish I & a C or better in Spanish I

1 year 1 credit

A review and expansion of vocabulary, phrases, and verbs learned in Spanish I, adding more practice in listening, repeating, reading, writing and speaking. Native speakers are listened to through the use of cassettes, guests and films.

## **SPANISH III (239, 539)**

11,12

Prerequisite: Spanish II & a C or better in Spanish II

1 year 1 credit

The learning begun in preliminary courses is reviewed and continued, further developing listening, speaking, reading, and writing skills. Spanish vocabulary used in a number of various vocations may be studied and/or stories or short novels may be read based on the student's interest and ability. Movies will be watched as well as videos of current events in Hispanic countries. More emphases will be placed on conversation, reading and writing skills. There is also an emphasis on the history and culture of Spain and Latin America with an introduction to literature.

## **HONORS SPANISH I (1573, 1574)**

9,10,11,12

Prerequisite: Teacher approval

1 year 1 credit

The purpose of this course is to challenge students who have previous Spanish language knowledge. Students will study basic vocabulary, greetings, phrases, and verb usage like Spanish I, but at an accelerate pace and with more intensive coursework and projects while also comparing their culture, grammar rules, and language to those in Spanish-speaking countries. Listening, speaking, reading, and writing skills are exercised through class recitation, exercises, guests, films, and projects. This class will have a weighted GPA.

## **AP SPANISH IV (241, 541)**

12

Prerequisite: Spanish III & a C or better in Spanish III

1 year 1 credit

The AP Spanish Language and Culture course is a college level course taught almost exclusively in Spanish. Students will improve their proficiency in the following modes of communication: writing, reading, speaking, and listening. Vista Higher Learning text, TEMAS with its online component and Exam Preparation workbook will be used to integrate authentic resources including online print, audio, and audiovisual resources, as well as traditional print resources that include literature, essays, and magazine and newspaper articles with the goal of providing exposure to different regions and accents of the Spanish-speaking world. The goal is for students to be able to communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication. This class will receive a weighting in the GPA calculation.

# Health Sciences

## **INTRO TO HEALTH CARE (1447)**

9,10,11,12

1 semester .5 credit

This course explores the health care industry and requirements for entry into health careers. The content relates to the organization of health care, trends in health care, working environments, responsibilities of the health care worker, safety and infection control practices. Curriculum includes up-to-date information about critical health issues and assists students in making responsible decisions regarding their personal health as well as possible career choices.

## **HEALTH CARE II (1383, 1384)**

9,10,11,12

Prerequisite: Intro to Health Care

1 year 1 credit

This course is designed to allow students to assess human anatomy and physiology functions and descriptive results of abnormal physiology with clinical consequences, demonstrating a workable knowledge of medical terminology. Students will explore the legal responsibilities, limitations, and implications of actions within the health delivery system; and analyze how employability skills enhance employment opportunities and job satisfaction. During this course, students will obtain First Aid & CPR certification.

## **HEALTH SCIENCE III CNA (1228)**

12 Prerequisite: Health Care I, Health Care II

1 semester 1 credit

This course, taught by local community colleges, allows students the opportunity to develop skills that are essential to all health care workers in the delivery of quality health care, and to explore successful job-seeking strategies. This will be accomplished by student participation in a variety of activities to demonstrate skills in patient care, measuring/recording vital signs, preparation of a job application, and job interview strategies. The curriculum relates to trends in health care, respecting cultural diversity, legal and ethical responsibilities of health care workers. Students can obtain their Certified Nurse Assistant (CNA) certification. Students must have a 3.0 GPA to enroll.

## **HEALTH CARE III Clinical Experience (1385)**

11,12

Prerequisite: Health Care I, Health Care II, Health Sciences III

1 semester, 2 class periods 1 credit

This course builds upon the concepts introduced in Health Science I, II, and III. Students will be given the opportunity to acquire clinical experience through job shadowing in community health care facilities. Students will experience 7 different clinical rotations of 20 hours each. Upon completion of the course, students will have achieved 140 hours of supervised clinical experience.

## **HEALTH SCIENCE III:EMT (1485 spring)**

12

Prerequisite: Health Science II

1 Semester, 3 class periods 2 credits

EMT is a technical level course in the Health Science Pathway designed to provide skills and knowledge necessary to sit for the EMT certification test. The course is taught by a certified EMT instructor and follows competencies set forth by the certifying agency.

# INSTRUMENTAL MUSIC

## **BAND (1127, 1128)**

9,10,11,12

1 year 1 credit

This band will perform in parades, half-time shows, State Music Festival, clinics and trips. This band performs concert works of grade II and III during second semester. Members are also required to attend band camp at PHS during the summer. Additional performance opportunities include All-District Band All-State Band and KSHSAA Solo and Small Ensemble Festival.

## **JAZZ ENSEMBLE (338, 738)**

9,10,11,12

1 year 1 credit

Jazz Ensemble is a class designed to teach fundamentals of jazz style. Jazz Ensemble will perform in concerts, contests, clinics and trips. Additional performance opportunities include All-District and All-State Jazz Band. Membership is open to any current band member.

## **ORCHESTRA (342, 742)**

9,10,11,12

1 year 1 credit

Orchestra, at the high school level, is a continuation of the performance skills in elementary/junior high school. Additional performance opportunities include All-district Orchestra, All-State Orchestra and KSHSAA Solo and Small Ensemble Festival.

## **PIANO LAB (1143)**

9,10,11,12

1 semester .5 credit

Piano Lab is a non-auditioned music class designed for students who are interested in beginning piano instruction. Students will be introduced to the fundamentals of piano playing. Curriculum will include basic theory, music reading and daily piano playing. Piano Lab students must be able to practice independently during class. Assessment will include daily practice, progress and class recitals.

# Mathematics

## **ADVANCED MATHEMATICS (319, 819)**

11,12

Prerequisite: Algebra II & Geometry

1 year 1 credit

The student is provided the opportunity to learn the mathematics of trigonometry and analytic geometry, while extending the concepts of algebra and geometry. Topics covered include circular functions, trigonometric functions, vectors, matrices, and analytic geometry.

## **AP CALCULUS (326, 826)**

11,12

Prerequisite: Advanced Mathematics or PreCalculus

1 year 1 credit

This course follows the recommendations of the College Board for the Advanced Placement Program. Topics include elementary functions, limits, differential and integral calculus with application, and techniques of integration. Grades received in this class receive weighting based on the weighted grade factor, which will affect the weighted GPA and weighted ranking. There will be an assignment for students to complete over the summer, which will be due on the first day of school. A test will be administered in the first full week of school assessing knowledge of the skills reviewed from the summer assignment.

## **ALGEBRA I (312, 812)**

9,10,11,12

1 year 1 credit

The student is provided the opportunity to master algebraic skills essential for the study of higher mathematics. Topics include the real number system, first degree equations and inequalities, polynomials, functions, graphs, and quadratic equations and inequalities.

## **ALGEBRA A (311, 318)**

9,10

1 year 1 credit

This is the first half of traditional algebra I taken over the course of one year. Successful completion of both Algebra A and Algebra B will satisfy the algebra requirement for graduation and will result in 2.0 credits. A total of 3.0 math credits are required for graduation.

## **ALGEBRA B (513, 520)**

10,11

1 year 1 credit

**This is the second half of traditional Algebra I taken over the course of one year.** Successful completion of both Algebra A and Algebra B will satisfy the algebra requirement for graduation and will result in 2.0 credits. A total of 3.0 math credits are required for graduation.

## **ALGEBRA II (314, 814)**

9,10,11,12

Prerequisite: Algebra I, Geometry

1 year 1 credit

The student is provided the opportunity to continue the study of the real number system, polynomial, exponential, logarithmic and trigonometric functions, and quadratic equations and inequalities.

## **ALGEBRA II HONORS (194, 195)**

10,11,12

Prerequisite: Algebra I, Geometry, Teacher recommendation

1 year 1 credit

The goal of Algebra II Honors is to ensure that students have the opportunity to surpass the traditional Algebra II curriculum and to prepare for Precalculus and Calculus. Topics include but are not limited to the study of functions, equations and inequalities, sequences and logarithms. There will be an assignment for students to complete over the summer, which will be due the first day of school. A test will be administered during the first full week of classes. This test will assess knowledge of the skills reviewed from the summer assignment. Grades received in this class receive weighting based on the weighted grade factor, which will affect the weighted GPA and weighted ranking.

**CALCULUS (1226, 1227)**

11,12

Prerequisite: Advanced Math or PreCalculus

1 year 1 credit

This course will prepare students for college calculus. Topics include elementary functions, limits, differential and integral calculus with application, and technique of integration.

**COLLEGE ALGEBRA (540)**

11,12

Prerequisite: Algebra II with a grade of C or higher both semesters. It is HIGHLY RECOMMENDED that students complete the fall semester of Advanced Math to increase their success of the college algebra course.

1 semester .5 credit

This course is designed for students to learn traditional college algebra concepts and problem solving skills. It should serve to prepare students not only for their higher studies in math but also to use and appreciate the concepts of algebra in day-to-day activities. Topics include: operations with algebraic expressions, linear and quadratic functions, graphs of polynomial and rational functions, systems of equations, logarithmic and exponential functions, arithmetic and geometric progressions, and permutations and combinations. This course will offer students a concurrent enrollment opportunity where they may earn college credit through Pittsburg State University. Tuition, fees, and other costs related to the course are the responsibility of the student.

**CONSUMER MATHEMATICS (323, 324)**

11,12

1 year 1 credit

The student is provided the opportunity to learn the mathematics necessary in daily living and personal finance. Topics include taxes, real estate, loans, banking, renting, and budgeting.

**GEOMETRY (316, 817)**

9,10,11,12

Prerequisite: Algebra I

1 year 1 credit

The student is provided the opportunity to study geometric relationships. Topics include coordinate geometry, direct and indirect proofs, applications of formulas, ratio and proportion, translations, rotations, symmetry, congruence and linear and quadratic equations. Enrollment in the spring semester of this course requires passing the first semester course.

**INFORMAL GEOMETRY (1087, 1088)**

10,11,12

Prerequisite: Algebra I

1 year 1 credit

Informal Geometry does not meet Regents requirements. Informal Geometry will emphasize a practical approach to the study of geometry and de-emphasize an abstract, formal approach. This course will be beneficial to students who are moving toward technical education.

**PRECALCULUS (1141, 1142)**

11,12

Prerequisite: Algebra II and Geometry

1 year 1 credit

This is an honors-level course for accelerated students to

Prepare for AP Calculus. Topics learned include advanced algebra and trigonometry, analytical geometry, curve-sketching, non-linear regression, systems of equations and matrices, and exponential and logarithmic functions. There will be an assignment for students to complete over the summer, which will be due on the first day of school. A test will be administered in the first full week of school assessing the knowledge of the skills reviewed from the summer assignment. Grades received in this class receive weighting based on the weighted grade factor, which will affect the weighted GPA and weighted ranking.

# Other Courses

## **DRIVERS EDUCATION (873)**

10,11,12

1 semester .5 credit

Driver's Education is held during the regular school day and the course consists of both a classroom portion and a driving portion. The classroom phase operates as any academic course with lectures, discussions and tests. Class size is limited.

## **JAG: Jobs for America's Graduates 11-12<sup>th</sup> (1367, 1368)**

## **JAG: Jobs for America's Graduates 9-10<sup>th</sup> (1365, 1366)**

Prerequisite: Teacher/Counselor approval

1 year 1 credit

The Jobs for America's Graduates program helps students develop their potential and job skills and prepares them for work life beyond graduation, and helps them open up opportunities in employment and post-secondary educational opportunities. The focus of the class is graduation, career exploration and planning, development of employability skills through a competency-based curriculum that includes field trips, participation in a student-led leadership organization, and experiential, project-based learning. Through mentoring and advisement, the program also helps students develop personally and socially in order to help address challenges they may have struggled with in the past.

## **STUDENT LEADERSHIP COUNCIL (1255, 1256)**

9,10,11,12

Prerequisite: Instructor approval, application

[Click here to apply](#)

1 year 1 credit

Students will be required to plan, organize, implement, and evaluate projects or activities for the student body. Students will develop leadership and professional skills to help them complete their projects. Students will learn to establish healthy relationships with peers, teachers, and administrators. They will also develop personal responsibility and teamwork, effectively communication skills, organize projects, and practice time management. **Time outside of class will be necessary in order to fulfill the class requirements.** A grade of C or better will be required to enroll in the next semester.

**TEACHER STUDENT AIDE (414, 409)** 11,12

**STUDENT AIDE OFFICE (416, 417)** 11, 12

**STUDENT AIDE COUNSELING OFFICE (428, 429)** 11, 12

Prerequisite: Teacher permission/Administrative approval

1 semester .25 credit (Maximum 1/2 credit)

## **LIBRARY SCIENCE AIDE (1590)**

11,12

Prerequisite: Teacher permission/Administrative approval

1 semester .5 credit

## **DRAGON TECH AIDE (1572)**

11,12

Prerequisite: Teacher permission/Administrative approval

1 semester .5 credit

Dragon Tech is an Applied Learning Class where students will be learning about how Technology Professionals do their tasks, and then applying that knowledge towards doing actual Technology repairs and upkeep.

## **WORK EXPERIENCE (524, 525)**

11,12

Prerequisite: Counselor approval

1 semester (can be repeated) ½ credit (maximum of 2.0 credits)

The purpose of this course is to provide students who are employed an opportunity to earn high school credit. In order to receive credit, students must work 120 hours during the semester (average 7.5 hours each week) and must turn in pay stubs and work verification form to the counseling office to verify employment. Students must provide their own transportation to and from work. Students can earn ½ credit for every 120 hours of employment per semester for a maximum of 2.0.

# Performing Arts

## **MUSICAL REPERTORY THEATRE (641)**

9,10,11,12

Prerequisite: Theatre I and Audition and Permission of Instructor

1 semester .5 credit

The purpose of this course is to form an acting company of experienced drama students who will produce at least one major musical theatre production and prepare material for college auditions. Out-of-school time performance is required.

## **MUSICAL REPERTORY THEATRE- SPRING (1608)**

9,10,11,12

Prerequisite: Theatre I and Audition and Permission of Instructor

1 semester .5 credit

The purpose of this course is to form an acting company of experienced drama students who will produce at least one major musical theatre production and prepare material for college auditions.

## **STAGECRAFT (205)**

10,11,12

1 semester (fall) .5 credit

Stagecraft is the study of technical theatre. This course will introduce students, both novice and experienced, to a practical approach in both technical and production aspects of theatre. Students will learn the skills needed to construct scenery, hang and focus lighting instruments, and a variety of other techniques. In this course, students will also learn and explore areas of scenic, lighting, and sound design. This class is production oriented.

## **THEATRE I (174)**

9,10,11,12

1 semester .5 credit

The purpose of this course is to develop qualities of poise, conduct, and self-expression, and an appreciation for performing arts. One out of class performance is required, as well as out of class crew work.

## **THEATRE DESIGN (491)**

9,10,11,12

Prerequisite: Theatre I

1 semester .5 credit

Theatre Design is a continuation of Stagecraft. Theatre Design focuses on a more in depth view of the production process of live performances to include but not limited to; production meetings, collaboration, production planning, model building, scenic design, costume design, lighting design, budgeting, and promotion.

## **THEATRE DESIGN II (1299)**

10,11,12

Prerequisite: Stagecraft, Theatre Design I or teacher approval

Spring only .5 credit

This is an advanced technical theatre course for students who are interested in continuing their passion for theatre design.

# Physical Education & Health

## **HEALTH (350)**

9,10,11,12

Prerequisite: required for graduation

1 semester .5 credit

This class is designed to help the individual learn how and why to “care”, for self, and for those around them. Health related subjects such as human sexuality, fitness, weight control, mental health, first aid, including CPR, will be reviewed and discussed. The emphasis will be on health related decisions and how these decisions will affect the individual, both now and in later years.

## **COMPETITIVE TEAM SPORTS (1571)**

11,12 .5 credit

Prerequisite: ‘B’ or better in PE I and/or previously completed Physical Education related course.

Competitive Team Sports engages participants in rigorous athletic team activities and competitions. Students are expected to compete on a daily basis in seasonal team sports that may include flag football, soccer, basketball, floor hockey, and softball.

## **INTRO TO PE – Female (1568)**

9,10,11,12

1 Semester .5 credit

Physical Education classes are designed to practice and develop skills in activities, as well as an understanding of basic principles of physical fitness, that will help maintain fitness/quality of life after high school. During the year, students will set and monitor personal fitness goals. Periodically, throughout the year, fitness levels will be assessed in the following areas: cardiovascular endurance, flexibility, muscular strength and muscular endurance. Through these assessments we will develop a baseline in which we will use to set personal fitness goals. We will explore fitness activities designed to improve all areas of fitness. Our goal is that by the end of the year you will be able to calculate target heart rate and have a basic understanding of physical fitness. Students will apply their physical fitness to team sport/activities, individual sport/activities, and dual sport/activities.

## **INTRO TO PE - Male (1569)**

9,10,11,12

1 Semester .5 credit

Physical Education classes are designed to practice and develop skills in activities, as well as an understanding of basic principles of physical fitness, that will help maintain fitness/quality of life after high school. During the year, students will set and monitor personal fitness goals. Periodically, throughout the year, fitness levels will be assessed in the following areas: cardiovascular endurance, flexibility, muscular strength and muscular endurance. Through these assessments we will develop a baseline in which we will use to set personal fitness goals. We will explore fitness activities designed to improve all areas of fitness. Our goal is that by the end of the year you will be able to calculate target heart rate and have a basic understanding of physical fitness. Students will apply their physical fitness to team sport/activities, individual sport/activities, and dual sport/activities.

## **ADVANCED PE- Co-ed (1570)**

10,11,12

Semester .5 credit

Prerequisite: ‘B’ or better in PE I and/or previously completed Physical Education related course.

Students will apply what they have learned from previous physical education courses by participating in more challenging exercise requirements. Throughout the course students participate in a weekly fitness program involving elements of cardio, strength, and flexibility. Students will apply their physical fitness to team sport/activities, individual sport/activities, and dual sport/activities. Our goal is that by the end of the year you will be able to calculate target heart rate, design workouts to maintain personal fitness levels that meet your specific fitness goals, develop a basic understanding of proper nutrition, and acquire skills and knowledge of sports/activities that will allow them to continue an active lifestyle after high school.

## **POWERWALKING (1218)**

9,10,11,12

1 semester .5 credit

Prerequisite: None

This course can be repeated for credit. Power walking students may not concurrently enroll in Intro to PE.

The purpose of this class is for students to recognize the importance of physical health through various walking activities. Power walking will reinforce some skill-related components of physical fitness and combine them with daily improvement of health-related fitness components including cardiorespiratory endurance, muscular strength and endurance, muscular flexibility, and body composition. Students will also be able to compare and contrast the values of physical activity and the dangers associated with an unhealthy lifestyle. At times, students will utilize heart rate monitors and be able to purchase individual straps if they choose. Students will also be able to utilize Apps to track their distance, calories, etc.

**PE-STRENGTH & CONDITIONING– Male (1566, 1567)**

9,10,11,12

1 semester .5 credit

Prerequisite: Intro to PE, 80% attendance of summer weights for incoming freshmen, and/or teacher approval

This class is an advanced class of conditioning and weight training with emphasis on muscular strength, muscular endurance, and cardiovascular conditioning. It involves high intensity training. Three separate times throughout the year fitness levels will be assessed.

**PE- STRENGTH & CONDITIONING – Female (1564, 1565)**

9,10,11,12

1 semester .5 credit

Prerequisite: Intro to PE, 80% attendance of summer weights for incoming freshmen, and/or teacher approval

This class is an advanced class of conditioning and weight training with emphasis on muscular strength, muscular endurance, and cardiovascular conditioning. It involves high intensity training. Three separate times throughout the year fitness levels will be assessed.

# Science

## **ANATOMY AND PHYSIOLOGY (308, 508)**

11,12

Prerequisite: Biology, B or higher in Biology

1 year 1 credit

This elective course focuses upon the structure, functions, and development of various forms of animals with special emphasis on humans. Students will work with living and preserved specimens in the laboratory. Dissection makes up the majority of the activities in this class in the spring semester. Anatomy and Physiology is recommended for any student wishing to learn more about animal and human biology and particularly for students who are interested in pursuing careers in biology, medicine, dentistry, veterinary, nursing, or any of the mental or physical health professions.

## **BIOLOGY (362, 363)**

10,11,12

Prerequisite: required for graduation

1 year 1 credit

In Biology the students learn basic principles and techniques related to the science of living things. Considerable class time is centered upon laboratory investigations and actual work with animals, plants and a variety of other living materials. The relationship of living things to their environment is a major theme throughout the course.

## **BIOLOGY HONORS (391, 392)**

10

Prerequisite: Teacher recommendation and A average Physical Science. Must maintain B average or better at semester.

1 year 1 credit

The purpose of this class is to offer students at PHS the opportunity to excel and be challenged by life science curriculum. The goal of Honors Biology is to ensure that students have the opportunity to surpass the traditional biology curriculum by delving further and deeper into the biological sciences curricula. The same textbook as Biology will be used for this class but additional outside readings, on-line assignments and a lab notebook will be part of this curriculum. This class will receive a weighted GPA.

## **BOTANY**

10,11,12

Prerequisite: Biology

1 semester .5 credit

**Fall (1560)** Introduces basic principles of plant structure, function, and reproduction including the diversity of plants & environmental influences on plant growth & survival. Applied topics include human uses of plants in agriculture and commerce.

**Spring (1561)** Focuses on home horticulture & the economic importance of plants. This course includes greenhouse management, current best practices in landscaping & gardening, as well as investigations of Kansas native plants.

## **CHEMISTRY (1294, 1306)**

10,11,12

Prerequisite: Algebra I and at least one math course above Algebra I; it is highly recommended that students complete this course before taking Physics

1 year 1 credit

This course covers the fundamental concepts of matter; its structure, its reactions, its relationship to our environment. Students will use laboratory work to help understand these concepts. The problem solving techniques learned in this class will be useful to those who plan to take physics. This course is recommended for anyone interested in chemistry and for students planning to pursue any one of the majors in college: all science areas, all engineering areas, all areas related to medicine, home economics, and some areas of technology.

## **CHEMISTRY II (1095, 1096)**

11,12

Prerequisite collection.: Physical Science, Biology and Chemistry; must have earned a B or better in Chemistry I

1 year 1 credit

This course expands on the knowledge base from the introductory Chemistry I course. This class deals with topics like Behavior of Gases, Water and Aqueous Solutions, Reaction Rates, Oxidation-Reduction reactions and Organic Chemistry. This class is recommended for any student who is planning to declare a major in college that requires Chemistry. These majors include science, engineering, medicine, healthcare, some areas of technology and others.

### **CHEMISTRY HONORS (1202, 1203)**

10,11,12

Prerequisite: Enrolled in Algebra II and teacher permission

1 year 1 credit

The intention of Honors Chemistry is to allow students to be challenged while examining the properties of chemistry at an accelerated pace and reinforcing concepts covered in class with more intensive laboratory work compared to the standard chemistry course. Honors Chemistry will study the composition, properties, and reaction of substances by exploring topics such as atomic structure; behavior of solids, liquids, and gases; chemical formulas and equations; oxidation/reduction reactions; acids and bases; and introducing concepts of organic chemistry. This course is recommended for students interested in Chemistry or planning to pursue careers in the fields of engineering, technology, medicine, pharmacy, and biotechnology. This class will receive a weighting in the GPA calculation.

### **EARTH & SPACE SCIENCE (1593,1594)**

9

1 year 1.0 credit

This course will explore Earth's systems. We will be covering the following topics: Astronomy, Meteorology, Oceanography and Geology. Throughout the year, students will be engaged in hand-on activities related to environmental studies.

### **ECOLOGY (1591, 1592)**

11,12

Prerequisite: Biology

1 semester .5 credit

Students examine ecology and ecological principles in the context of animal management and become familiar with the regular growth and life cycles of different plant and animal populations. This course will explore subjects such as, but not limited to, animal anatomy and physiology, statistics, technical writing, wildlife ecology, and wildlife management/conservation. Other topics include methods for introducing animals to an area, procedures for hunting animals for game, and plans for endangered animals. Wildlife is found outdoors so this class will focus on being outdoors as much as possible.

**(1591) Fall** will focus on seasonally available wildlife for hands-on projects including insects and birds.

**(1592) Spring** will focus on seasonally available wildlife for hands-on projects including fish and mammals.

### **HYDROPONICS (1542)**

9,10,11,12

1 semester .5 credit

This course introduces students to the principles and techniques of hydroponic systems. Students will get hands-on experience maintaining and growing a hydroponic farm by growing lettuce and other greens for their cafeteria and community. Other topics include the global impacts of alternative farming techniques, aquaponic systems, and business management and marketing. Students will also experience selling lettuce at the Pittsburg Farmers Market.

### **SUMMER HYDROPONICS**

9,10,11,12

.5 credit

This class runs June-July, email [aubryross@usd250.org](mailto:aubryross@usd250.org) to enroll. This course provides students with hands-on experience in hydroponics, or, the production of plants without soil. Students will maintain Dragon Farms, PHS's onsite hydroponic farm, growing letting, and other greens for their cafeteria and community. Other topics include the global impact of alternative farming techniques and business management and marketing. Students will also experience selling lettuce at the Pittsburg Farmers Market.

### **PHYSICS (371, 571)**

11,12

Prerequisite: Algebra II and Geometry; highly recommended that students pass Chemistry I before taking Physics

1 year 1 credit

This course is considered a college preparatory course for students who plan to major in Chemistry, Physics, Engineering, Engineering Technology, or the Medical or Dental fields but anyone interested in Physics (and who meets prerequisites) may take this course. Physics is concerned with mechanical energy, thermal energy, light, sound and nuclear energy. This class is required to meet Regents Scholars eligibility.

# Social Science

## **AP U.S. GOVERNMENT (379)**

12

Prerequisite: senior

Spring semester .5 credit

This AP course is a college level class about the framework, traditions and values of the America political system. Students will develop a critical understanding of the strengths and weaknesses of U.S. government, as well as their rights and responsibilities as citizens. Students who enroll in this course should have successfully passed American History and should be willing to accept the challenge of a vigorous academic curriculum. This honors class demands high level critical thinking skills, and requires more reading and writing than regular American Government. The course satisfies the senior requirement for American Government needed for graduation. Upon successful completion of the course, a student will have the opportunity to take the AP U.S. Government Examination which could result in earning college credit. This class will receive a weighting in the GPA calculation.

## **AMERICAN GOVERNMENT (378)**

11, 12

Prerequisite: required for graduation

1 semester .5 credit

This course will provide students with an understanding of American democracy and the organization, structure, and function of American government. Students will be encouraged to become informed citizens and participate in political affairs. **This class is required to be taken at PHS due to the requirements of social science state assessments.**

## **AMERICAN HISTORY (376, 381)**

10,11, 12

Prerequisite: required for graduation

1 year 1 credit

This course surveys the growth of the United States as an industrial and world power beginning in the 20th century continuing to the present. The objective is to provide the student with a basic understanding of the development that our country underwent in the 20<sup>th</sup> century. This will be achieved by the study of particular events, ideas and concepts, as well as contributions by key leaders which helped to shape our nation today.

## **AMERICAN HISTORY THROUGH BASEBALL (1558)**

9,10, 11, 12

Prerequisite: none

1 semester .5 credit

Students will study American history as it unfolded alongside the development of America's favorite pastime. The course will begin with the advent of baseball in the Civil War and its cultural development in the following decades. Focus will then shift to the growing professionalism of the sport, the effect of big business, the sport's growth during the progressive era and the roaring 20's. The course will then move through WWII and the African American experience and expansion of the sport. The course will culminate in an examination of baseball in postwar America on through the modern day.

## **AMERICAN HISTORY THROUGH MUSIC (1472)**

9,10,11,12

1 semester .5 credit

This course is designed to be a study of history using primary source media (especially music and movies) as a starting point. It is more thematic than chronological with the primary themes being: musical America, political America, techno America, & Warrior America. Other themes will include African American/Slave, experience, immigrant America, blue collar America, & religious America.

## **LEADERSHIP ACADEMY (1531, 1532)**

9, 10, 11, 12

1 year 1 credit

This course is a partnership between PHS and the US Army that will utilize the expertise and resources of the US Army to help students develop skills that will enable and encourage them to take active roles in their own life, within their families, their school and community, with the ultimate goal of graduating high school and creating enriching post-secondary options. The STAR program is a four-year program modeled after Junior ROTC that emphasizes citizenship and leadership. Program outcomes include but are not limited to: (1) development of leadership skills, (2) incorporating principles of physical and mental wellness into behaviors and decisions, (3) building effective relationships with peers, co-workers and the community, (4) developing global awareness by applying physical and political geography knowledge, and (5) understanding rights and responsibilities of U.S. citizenship. Students are encouraged to remain in the program through graduation. Students will assume various leadership roles and will have the opportunity to compete/perform in military drills and other leadership activities. Parent/guardian consent is required for students to participate. Some physical fitness training will be part of each semester.

**CURRENT EVENTS (1253)**

9, 10, 11, 12

1 semester .5 credit

This course encourages students to study political, economic, and social issues facing the world in the 21<sup>st</sup> Century. The course will include specific studies as well as topics of student selection. Discussion of current issues will incorporate examination of historical causes and possible solution.

**HONORS US HISTORY (1526, 1527)**

10,11,12

1 year 1 credit

Honors U.S. History fall covers Colonial era and American Revolution, Early Republic, War of 1812, Civil War, and through WWI. Spring course begins with a review of World War I, then focuses on World War II, 1950s, 1960s, 1970s, and 1980s. In addition, each semester of this course is available for concurrent college credit through Pittsburg State University (3 hours for fall and 3 hours for spring). Tuition and fees are the responsibility of the student. Grades received in this class receive weighting based on the weighted grade factor, which will affect the weighted GPA and weighted ranking.

**HONORS WORLD HISTORY (1450, 1451)**

10, 11, 12

Prerequisite: none

1 year 1 credit

Honors World History is designed to be a challenging course that mimics the requirements and rigor of an Advanced Placement or college freshman level class. It is a class that covers world history of the European Middle Ages (1450 C.E.) through the Cold War. Solid reading and writing abilities as well as a willingness to commit to reading and studying outside of class are essential to the successful completion of the course. An emphasis is placed on critical and evaluative thinking skills, essay writing, and interpretation of primary source documents. This course is available for concurrent college credit through Pittsburg State University; tuition and fees are the responsibilities of the student and will be paid in January. This class will receive a weighting in the GPA calculation.

**JUSTICE STUDIES (396)**

9, 10, 11, 12

1 semester .5 credit

This course is designed to provide students with an understanding of both their responsibilities toward society and the legal rights available to them as juveniles and adults. Students are provided with general knowledge of civil and criminal law, with emphasis on criminal.

**PSYCHOLOGY (384)**

9, 10, 11, 12

1 semester .5 credit

This course introduces the basic concepts and principles of psychology including: Developmental, Cognitive, Behavior Modification, Abnormal, and Social. A special emphasis is placed on applying the knowledge of psychology to everyday life.

**SOCIOLOGY (386)**

9, 10, 11, 12

1 semester ½ credit

As the students begin their study of Sociology, they will probably find that it is very different from the traditional classroom that they have experienced in the past. This difference is probably because Sociology looks at groups rather than individual behaviors. In the study of Sociology, the students will learn to think like a social scientist, while learning to question their beliefs, assumptions, and finally their conclusions.

**TOPICS IN WORLD HISTORY: THE HOLOCAUST (789)**

10, 11, 12

1 semester .5 credit

Students will learn about the choices that led to the isolation and extermination of groups identified by the German leadership for elimination during the 1930s and 1940s. Students will develop an understanding of human rights and identify patterns of similar episodes of genocide in the post-World War II era.

**WORLD CIVILIZATION (1448, 1449)**

9, 10, 11, 12

Prerequisite: required for graduation

1 year 1 credit

This course is designed to provide students with a basic understanding of World History during the 15<sup>th</sup> through 19<sup>th</sup> centuries and its impact on modern society. This will include the Renaissance and Reformation, the Age of Exploration, the rise of Absolutism, the Enlightenment, the Scientific Revolution, the French Revolution, Industrial Revolution, Age of Imperialism, and concluding with the Cold War. This will be achieved by the study of particular events, ideas and concepts, as well as contributions by key leaders who have helped to shape our world today.

**WORLD WAR II (1300)**

9, 10, 11, 12

1 semester .5 credit

This course will study how and why World War II came to be such a destructive force in history. The course will examine each phase of the war and how it affected the overall outcome. It will also view the significance of each phase, the goals and objectives of major offensives and operations within the war, the results and outcomes, and the important themes throughout.

# **Special Education Services**

Pittsburg High School provides comprehensive programming for students with special needs. It is a continuum of service options ranging from collaboration in the general education classroom to direct services provided in special education classrooms. Individualized services and programming are provided as directed by an Individualized Education Program (IEP) Team to students with learning disabilities, emotional and behavioral needs, sensory and physical needs, cognitive and developmental disabilities, speech/language needs, hearing and vision needs, and for students who are gifted. Placement in these programs/services is determined by a Special Education team.

For more information regarding special education services, contact your high school administrator, school counselor or the school psychologist.

**DRAGON DEN (550, 950)**

# Teaching/Training

## **CAREER & LIFE PLANNING (1510)**

9,10,11,12

1 semester .5 credit

Career and Life Planning will introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal-setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.

## **FAMILY STUDIES (1512)**

9,10,11,12

1 semester .5 credit

Family Studies will emphasize building and maintaining healthy interpersonal relationships among family members and other members of society. This course will emphasize (but not limited to) topics such as social/dating practices, human sexuality and reproduction, marriage preparation, parenthood and the function of the family unit, and the various stages of life. This course may also cover topics related to self-development, career development, personal awareness, and preparation for the responsibility of a family member and wage earner.

## **HUMAN GROWTH & DEVELOPMENT (1195)**

9,10,11,12

1 semester .5 credit

This course will provide students with knowledge about the physical, mental, emotional, and social growth and development of humans from conception to old age, with a special emphasis on birth through school age. Course content will provide an overview of life stages, with a strong tie to prenatal and birth processes; fundamentals of children's emotional and physical development; and the appropriate care of children.

## **PRINCIPLES OF TEACHING & COACHING (1603, 1604)**

11,12

1 year 1 credit

Teaching as a Career will introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. This course will expose students to and train in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.

## **EDUCATION & TRAINING EXPLORATIONS (1605, 1606)**

11,12 Prerequisite: Teacher approval

1 year 1 credit

Students will work with other students at elementary schools, PCMS, or PHS on achieving academic and/or social goals. The PHS student will work closely with teachers and/or counselors to which they are assigned and will implement given strategies and activities. Students will reflect on teaching strategies, learning styles, time management, classroom management, and evaluation techniques.

# Vocal Music

## **ENCORE (346, 746)**

9, 10, 11, 12

Prerequisite: audition only

1 year 1 credit

This course is a performance based ensemble. Students are expected to achieve and excel in the performance of choral music. Emphasis in performance along with District and State Choir auditions are part of the required curriculum. Academic eligibility and exemplary behavior is expected from all personnel. Inability to maintain this may result in removal from the class. Prerequisite: Students must audition for this group. Auditions will be held in the spring semester.

## **GIRLS' GLEE (348, 748)**

9, 10, 11, 12

Prerequisite: audition only

1 year 1 credit

Students will achieve the fundamentals of choral singing. The curriculum will include performance of choral music from all periods including both sacred and secular literature. This course will offer performance opportunities as well as competition opportunities as part of the required curriculum. Academic eligibility and exemplary behavior is expected from all personnel. Inability to maintain this may result in removal from the class. Prerequisite: Students must audition for this group. Auditions will be held in the spring semester.

## **MUSICAL REPERTORY THEATRE (641)**

9, 10, 11, 12

Prerequisite: Theatre I and Audition and Permission of Instructor

1 semester .5 credit

The purpose of this course is to form an acting company of experienced drama students who will produce at least one major musical theatre production and prepare material for college auditions. Out-of-school time performance is required.

## **MUSICAL REPERTORY THEATRE- SPRING (1608)**

9,10,11,12

Prerequisite: Theatre I and Audition and Permission of Instructor

1 semester .5 credit

The purpose of this course is to form an acting company of experienced drama students who will produce at least one major musical theatre production and prepare material for college auditions.

# PSU Concurrent Enrollment Courses

## ADVANCED COMPOSITION (186)

12

Prerequisite: English 9, 10

1 semester .5 credit

The purpose of Advanced Composition is to prepare students for college composition courses; student may enroll concurrently in this class for PSU college credit in English Composition 101 (tuition/fees are the responsibility of the student).

## INTRO TO RESEARCH WRITING (XXX)

11, 12

Prerequisite: Advanced Composition

1 semester .5 credit

Research writing technique, critical thinking, and critical reading with an emphasis on rhetorical skills.

## UNITED STATES HISTORY HONORS (1526, 1527)

11, 12

Prerequisite: junior or senior

1 year 1 credit

Honors U.S. History fall covers Colonial era and American Revolution, Early Republic, War of 1812, Civil War, and through WWI. Spring course begins with a review of World War I, then focuses on World War II, 1950s, 1960s, 1970s, and 1980s. In addition, each semester of this course is available for concurrent college credit through Pittsburg State University (3 hours for fall and 3 hours for spring). Tuition and fees are the responsibility of the student. Grades received in this class receive weighting based on the weighted grade factor, which will affect the weighted GPA and weighted ranking.

## COLLEGE ALGEBRA (540)

11, 12

Prerequisite: Algebra II with a grade of C or higher both semesters. It is HIGHLY RECOMMENDED that students complete the fall semester of Advanced Math to increase their success of the college algebra course.

1 semester ½ credit

This course is designed for students to learn traditional college algebra concepts and problem solving skills. It should serve to prepare students to prepare students not only for their higher studies in math but also to use and appreciate the concepts of algebra in day-to-day activities. Topics include: operations with algebraic expressions, linear and quadratic functions, graphs of polynomial and rational functions, systems of equations, logarithmic and exponential functions, arithmetic and geometric progressions, and permutations and combinations. This course will offer students a concurrent enrollment opportunity where they may earn college credit through Pittsburg State University. Tuition, fees, and other costs related to the course are the responsibility of the student.

## HONORS WORLD HISTORY (654)

10, 11, 12

Prerequisite: none

1 year 1 credit

Honors World History is designed to be a challenging course that mimics the requirements and rigor of an Advanced Placement or college freshman level class. It is a semester class that covers world history of the Renaissance period (1450 C.E.) through the World War I era (1920 C.E.) with a focus on Europe, the Middle East, South Asia, and East Asia. Solid reading and writing abilities as well as willingness to commit to reading and studying outside of class are essential to the successful completion of the course. An emphasis is placed on critical and evaluative thinking skills, essay writing in a historical format, and interpretation of primary source documents. This course is available for concurrent credit through PSU (tuition/fees are the responsibility of the student).

## SPEECH I (162)

10, 11, 12

Prerequisite: none

1 semester .5 credit

Beginning Speech will involve the study of basic communication. Students will learn speaking and speech preparation skills. Projects include: informative speech, demonstrative speech, election speech, and creating commercials. Students may enroll concurrently in this class for PSU credit (tuition/fees are the responsibility of the student)

**AP ENGLISH Literature and Composition (199, 1233)**

12

Prerequisites: AP English Language and Composition or English 11

1 year                      1 credit

While AP Lit requires students to read and write extensively outside of class, it's also a fun course that is similar to book club. We'll examine novels, plays, short stories, and poems from a variety of time periods. Writing assignments include in-class essays and dialectical journals. As a college-level course, students will read challenging, provocative, dense, and sometime controversial material. This course is available for PSU General Literature credit, which students may earn either by paying tuition and fees or by passing the AP Lit exam in May. This class will receive a weighting in the GPA calculation.

## **FSCC Dual Credit Courses**

\*All CTEC courses have a prerequisite of 1.0 credit of any math course.

### **FSCC CARPENTRY (584, 585)**

11, 12

1 year

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credentials. Students must complete Intro to Craft Skills prior to completion of the program.

### **FSCC WELDING I (829, 830)**

11, 12

Prerequisite: Fall start only

1 year

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credentials. Students must complete Intro to Craft Skills prior to completion of the program.

### **FSCC WELDING II (703, 704)**

11, 12

1 year

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credentials.

### **FSCC MASONRY I (580, 581)**

11, 12

Prerequisite: none

1 year

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credentials. Students must complete Intro to Craft Skills prior to completion of the program.

### **FSCC MASONRY II (705, 706)**

11, 12

Prerequisite: FSCC Masonry I

1 year

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credentials. Students must complete Intro to Craft Skills prior to completion of the program

### **FSCC EMT**

12

Prerequisite: Health Science I, Health Science II, Health Science III

1 semester (spring)                      1 credit

Students earn 10 credit hours from Fort Scott Community College including CPR certification as well as taking both state and national EMT exams.

### **FSCC ENVIRONMENTAL WATER TECHNOLOGY (1263, 1264)**

11, 12

1 year

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credentials.

### **FSCC HEATING, AIR CONDITIONING & VENTILATION- HVAC (481, 482)**

11, 12

1 year

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credential

### **FSCC HORTICULTURE (1260)**

11, 12

1 semester

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credentials. Course will not transfer to PSU.

**FSCC HEAVY MACHINERY OPERATOR (1261, 1262)**

12

1 year

Students earn credit hours from Fort Scott Community College as well as earning industry recognized credentials.

# CAREER PATHWAY COURSE OFFERINGS

Courses offer opportunities for students to explore various fields of interest and prepare for college and employment. Check course descriptions in this guide for prerequisites. Courses found in other departments are noted.

## Digital Media

Computer Graphics & Applications  
 Introduction to Multimedia  
 Media Production  
 Advanced Multimedia Productions  
 Advanced Media Productions  
 Editorial Leadership

## Early Childhood

Career & Life Planning  
 Human Growth & Development  
 Foundations of Early Childhood Dev  
 Family Studies  
 Community Connections  
 Career Connections

## Marketing

Business Essentials  
 Entrepreneurship  
 Principles of Marketing  
 CAPS Applied Marketing

## Health Science

Introduction to Healthcare  
 Nutrition & Wellness (taught by FACS)  
 Healthcare II  
 Anatomy & Physiology (taught by science)  
 Healthcare III-clinicals  
 EMT  
 CNA

## Construction & Design

Introduction to Craft Skills  
 Woodworking Principles and/or Carpentry I  
 Woodworking Principles II  
 Field Study and/or Internship

## Teaching/Training

Career & Life Planning  
 Principles of Teaching & Coaching  
 Human Growth & Development  
 Family Studies  
 Education & Training Explorations

## Engineering & Applied Math

Introduction to Technology  
 Engineering & Robotics  
 Chemistry (taught by science)  
 Applications of Tech I  
 Applications of Tech II  
 CAPS Engineering (LAUNCH)  
 Intro to Programming

## Finance

Business Essentials  
 Accounting I  
 Advanced Accounting  
 Entrepreneurship

## Restaurant & Event Management

Culinary Essentials  
 Culinary I  
 Culinary II  
 Baking & Pastry  
 CAPS Culinary Business Development

## Automotive Technology

Introduction to Transportation & Lab  
 Automotive Technology I  
 Automotive Technology II  
 Automotive Technology III  
 Automotive Technology IV-internship

**Business Management & Entrepreneurship**

Business Essentials  
Entrepreneurship  
Principles of Marketing  
CAPS Applied Business Development

**Programming & Software Development**

Computer Applications  
Robotics & Coding  
Computer Programming

# **CAPS LAUNCH**

The Launch Program is a professional development student initiative offered by PHS. Launch provides high school students with educational opportunities that are driven by real-world, career-oriented experiences, and focuses on developing the “whole student” - both academically, interpersonally, and intrapersonal. Launch is committed to providing authentic, “hands on” experiences for all students, integrating critical thinking, communication, collaboration, and creativity into every day, providing authentic work experiences and mentoring opportunities with local business partners, and enhancing regional economic and community development by effectively preparing talent for in-demand, high skill careers.

**½ semester (2 blocks) or 1 year if student chooses**

**Students may choose from the following pathways:**

**CAPS Business Management & Entrepreneurship**  
**CAPS Engineering**

## SCHEDULING REQUEST – 9<sup>th</sup> Grade

**Freshman Scheduling 2024-25**

Return this completed form by March 8, 2024.

Name: \_\_\_\_\_

Fill in the courses you plan to take. All students need to select the equivalent of seven courses per semester.

Indicate your course requests below. **For year long classes, indicate the class in both semesters.**

**COURSE NUMBERS ARE REQUIRED!**

Semester 1		Semester 2	
Earth & Space Science	1593	Earth & Space Science	1594
English 9	156	English 9	157
English 9 Honors	642	English 9 Honors	643
(circle one)		(circle one)	
Algebra I	312	Algebra I	812
Algebra A	311	Algebra A	318
(circle one)		(circle one)	
World Civilization	1448	World Civilization	1449

Be sure to fill in courses for all seven hours in both semester columns. The semester, hour and teacher to which you are assigned is randomly generated by our automated scheduling system. We cannot honor teacher or time of day preferences.

**REQUIRED:**

**Alternate elective choices (in order of preference).**

List two courses to replace any elective above that cannot be scheduled.

- |    |              |       |           |
|----|--------------|-------|-----------|
|    | Course Name: |       | Course #: |
| 1. | _____        | _____ | _____     |
| 2. | _____        | _____ | _____     |

**SCHEDULING REQUEST – 10<sup>th</sup> Grade**

**Sophomore Scheduling 2024-25**

Return this completed form by March 8, 2024.

Name: \_\_\_\_\_

Fill in the courses you plan to take. All students need to select the equivalent of seven courses per semester.

Indicate your course requests below. **For yearlong classes, indicate the class in both semesters.**

**COURSE NUMBERS ARE REQUIRED!**

Semester 1		Semester 2	
Biology	362	Biology	363
Honors Biology	391	Honors Biology	392
	(circle one)		(circle one)
English 10	180	English 10	179
English 10 Honors	190	English 10 Honors	191
	(circle one)		(circle one)
Algebra II	314	Algebra II	814
Algebra B	513	Algebra B	520
Geometry	316	Geometry	817
Informal Geometry	1087	Informal Geometry	1088
Honors Algebra II	195	Honors Algebra II	196
	(circle one)		(circle one)
World Civilization	1448	World Civilization	1449
Honors World History	1450	Honors World History	1451
American History	376	American History	381
US History Honors	1526	US History Honors	1527
	(circle one)		(circle one)

Be sure to fill in courses for all seven hours in both semester columns. The semester, hour and teacher to which you are assigned is randomly generated by our automated scheduling system. We cannot honor teacher or time of day preferences.

**REQUIRED:**

**Alternate elective choices (in order of preference).**

List two courses to replace any elective above that cannot be scheduled.

- |    |              |           |
|----|--------------|-----------|
|    | Course Name: | Course #: |
| 1. | _____        | _____     |
| 2. | _____        | _____     |



**SCHEDULING REQUEST – 12<sup>th</sup> Grade**

Senior Scheduling 2024-25

Return this completed form by March 8, 2024

Name: \_\_\_\_\_

Fill in the courses you plan to take. All students need to select the equivalent of seven courses per semester.

Indicate your course requests below. **For yearlong classes, indicate the class in both semesters**

**COURSE NUMBERS ARE REQUIRED!**

Semester 1	Semester 2
American Government 378 AP U.S. Government 379  (circle one)	
English Elective:	English Elective:
Math Elective:	Math Elective:

Be sure to fill in courses for all seven hours in both semester columns. The semester, hour and teacher to which you are assigned is randomly generated by our automated scheduling system. We cannot honor teacher or time of day preferences.

**REQUIRED:**

**Alternate elective choices (in order of preference).**

List two courses to replace any elective above that cannot be scheduled.

- |    |              |           |
|----|--------------|-----------|
|    | Course Name: | Course #: |
| 1. | _____        | _____     |
| 2. | _____        | _____     |