

PITTSBURG HIGH SCHOOL
PLANNING GUIDE



PHS
DRAGONS

2026 - 2027

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

Pittsburg High School

1978 East Fourth Street

Pittsburg, KS 66762

(620) 235-3200

fax (620) 235-3210

Kris Crotts, Principal

Trevor Elliott, Assistant Principal

Samantha Warren, Assistant Principal

Kyndra Robertson, Assistant Principal

Jennifer Gomez, Activities Director

Gina Ulbrich, Counselor

Jessica Stegman, Counselor

Hannah Ketterman, Counselor

Maggie Serrano, Registrar



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.

Department		E-mail
Administration-Principal	Kris Crotts	kcrotts@usd250.org
Administration-Asst. Principal	Trevor Elliott	telliott@usd250.org
Administration-Asst. Principal	Samantha Warren	swarren@ud250.org
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School Counselor	Gina Ulbrich (A-G)	gulbrich@usd250.org
School Counselor	Jessica Stegman (H-O)	jstegman@usd250.org
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School Registrar	Maggie Serrano	mserrano@usd250.org

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COURSE SELECTION

Starting in the spring semester of each school year, students will choose electives and other academic courses not required for graduation. 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.

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 FOR GRADUATION Class of 2026 & 2027

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

MINIMUM REQUIREMENT FOR GRADUATION Class of 2028 & Beyond

PITTSBURG HIGH SCHOOL GRADUATION	
Course	Credit
ENGLISH	3.5
English 9 (full year)	
English 10 (full year)	
English 11 (full year)	
English elective (one semester)	
COMMUNICATIONS Speech, Forensics, Debate, or Real World	½
MATHEMATICS	3
Algebra I (or its equivalent)	
Math elective (full year)	
Math elective (full year)	
SCIENCE	3
Earth/Space (full year)	
Biology (full year)	
Physical Science elective (full year)	
SOCIAL STUDIES	3
American Government (semester)	
American History (full year)	
World Civilization (full year)	
Social Studies elective (semester)	
FINANCIAL LITERACY (semester)	½
HEALTH (semester)	½
PHYSICAL EDUCATION (semester)	½
FINE ARTS	1
STEM	1
ELECTIVES (must include financial literacy)	9.5

Kansas Scholars Curriculum

Consists of the following:

English - 4 years

One unit to be taken each year. Must include substantial recurrent practice in writing extensive and structured papers, extensive reading of significant literature, and significant experience in speaking and listening.

Mathematics - 4 years

Algebra I, Algebra II, Geometry, and one unit of advanced mathematics-- suggested courses include: Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus. Completion of Algebra I in 8th grade is acceptable ; the student would then only need three years of math in high school.

Science - 3 years

One year each in Biology, Chemistry, and Physics, each of which include an average of one laboratory period a week. Applied/technical courses may not substitute for a unit of natural science credit.

Social Studies - 3 years

One unit of U.S. History; minimum of one-half unit of U.S. Government and minimum of one-half unit selected from: World History, World Geography or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Social Issues, Sociology, Anthropology, and Race and Ethnic Group Relations. Half unit courses may be combined to make this a whole unit.

World Language - 2 years

Two years of one language. Latin and Sign Language are accepted.

SCHEDULES

Each year a new master schedule is created to accommodate students' course requests made in the spring semester. Course requests are made with student, parent, teacher, and counselor input.

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.

SUGGESTED PROGRAMS OF STUDY

1. All students are required to attend school full time. Seniors may have a reduced schedule in the spring based on their eligibility.
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.

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

COLLEGE CLASSES

If a student earns a D or F in a college class, PHS reserves the right to not allow the student to take further college classes while attending PHS. In the fall semester, students taking an online course will be expected to be on PHS campus during those hours. Mini courses must be taken in the spring only; fall mini courses will not be allowed. Per KSDE, students may not be scheduled in a 1st-7th hour class while dual enrolled in an out-of-state post-secondary institution.

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 and/or 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.

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 NCAA-approved Core Courses required.

NCAA Division I will require 10 approved 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 practice, compete and receive an athletic scholarship during the first-year of full-time enrollment.
- **Academic Redshirt:** May practice during the first regular academic term and receive an athletic scholarship during the first year of full-time enrollment but may NOT compete during the first year of full-time enrollment. Must pass either eight quarter or nine semester hours to practice in the next term.
- **Nonqualifier:** May not be able to practice, compete or receive an athletic scholarship during the first year of full-time enrollment.

NCAA Division II—16 NCAA-approved Core Courses required.

The **Division II** core GPA requirement is a minimum of 2.200. Remember the NCAA GPA is calculated using NCAA approved core courses only.

Full Qualifier

There will be three possible initial-eligibility outcomes:

- **Qualifier:** May practice, complete and receive an athletic scholarship during the first year of full-time enrollment.
- **Partial:** May practice and receive an athletic scholarship but may NOT compete during your first year of full-time enrollment.
- **Early-Academic Qualifier:** If you meet specific criteria after six semesters of high school, you may be deemed an early academic qualifier for DII and may practice, compete and receive an athletic scholarship during your 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 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)

EARLY GRADUATION:

Any student attempting to graduate earlier than their originally scheduled graduation date must apply to do so. Approval will be granted on a case by case basis by the administration and counseling departments. Students cannot graduate prior to the fall semester of their Senior year. Students and parents must complete the application for early graduation prior to September 20 of the senior year.

ART

Department	Teacher	E-mail
2D Art	Rolanda Root	rroot@usd250.org
3D Art	Rebecca Lomshek	rlomshek@usd250.org

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 of 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 of 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.

CERAMICS I (104)

9, 10, 11, 12

Prerequisite: Intro 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
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Prerequisite: None	1 semester	.5 credit
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Design Crafts 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
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Prerequisite: Intro to Art	1 semester	.5 credit
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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.

INTRO TO ART (101)	9, 10, 11, 12
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Prerequisite: None	1 semester	.5 credit
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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).

PAINTING I (103)	10, 11, 12
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Prerequisite: Intro to Art, Drawing	1 semester	.5 credit
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The purpose of Painting I 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 spring)	10, 11, 12
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Prerequisite: Intro to Art, Drawing, Painting I	1 Semester	.5 credits
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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.

PRINCIPLES OF ILLUSTRATION (1091)	1 semester	.5 credit
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Prerequisite: Intro to Art, Drawing

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

SCULPTURE (106)

10, 11, 12

Prerequisite: Intro to Art

1 semester

1 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 media and processes in relationship to ideas, feelings 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.

COMMUNICATION

Department	Teacher	E-mail
Debate, Speech, Forensics	Julie Laflen	julielaflen@usd250.org
Real World Communications	Breana Clark	bclark@usd250.org

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, KSHSAA eligible, permission of instructor 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 (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 COMMUNICATION (1372) 11, 12

Prerequisite: None 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 communication requirement.

SPEECH (162) 10, 11, 12

Prerequisite: None 1 semester .5 credit

Speech will involve the study of basic communication. This class will mainly focus on learning the proper organization skills needed to give speeches and then performing the speeches to the class. This course is available for concurrent college credit through Pittsburg State University; tuition and fees are the responsibilities of the student.

SPRING DEBATE (1331)

10, 11, 12

Prerequisite: Forensics & Teacher Approval

1 semester

.5 credit

Spring debate will focus on Student Congress, Public Forum Debate, Lincoln-Douglas Debate and/or Policy Debate for the upcoming debate season. Competition at three tournaments will be required.

ENGLISH

Department	Teacher	E-mail
English	Kristy Uttley	kuttley@usd250.org
English	Abbey Cummings	acummings@usd250.org
English	Emily Rountree	erountree@usd250.org
English	Victoria James	vjames@usd250.org
English	Audrey Rhuems	arhuems@usd250.org
English	Carmen Seeley	cseeley@usd250.org
English	Ronda Ison	rison@usd250.org
English	Mason Shrader	mshrader@usd250.org

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). Students may enroll concurrently in this class for PSU college credit in English Composition 101 (tuition/fees are the responsibility of the student).

AP ENGLISH LANGUAGE & COMP (187, 787)

11

Prerequisite: B or above in English 10 or English 10 Honors

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 mostly non-fiction prose, but students also read novels, plays, and a range of essays comprising topics from a wide variety of disciplines. Students will also conduct a yearlong researched argument project to be presented in the spring. 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 & COMP (199, 1233)	12
Prerequisite: 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.	
ENGLISH 12 (1717)	11, 12
Prerequisite: English 9, 10, 11	1 semester .5 credit
This course builds students' critical thinking skills through reading and writing strategies. Students will learn to analyze, evaluate, and synthesize ideas from real-world situations and personal experiences. Through creative, reflective, hands-on tasks, students will engage with events, opinions, and perspectives to develop reasoning, evidence, and effective communication that they can take with them into the real-world after graduation.	
ENGLISH 9 (156, 157)	9
Prerequisite: None	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)	9
Prerequisite: None	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)	10
Prerequisite: None	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)

10

Prerequisite: Teacher recommendation and 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 two choice novels per semester 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)

11

Prerequisite: None

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 FALL (1714)

9, 10, 11, 12

Prerequisite: None

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.

LITERATURE & FILM STUDIES SPRING (1715)

9, 10, 11, 12

Prerequisite: None

1 semester .5 credit

This course explores the dynamic relationship between film and literature. Students will read novels 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, 10, 11, 12

Prerequisite: None

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.

READING LAB (1692)

9,10

Prerequisite: Teacher Placement by Test Scores

1 semester

.5 credit

Reading Lab is designed to help students who are striving to be proficient in reading. The focus of the course is to provide students with disciplinary literacy skills that are transferable across the content area. This includes skills in the areas or concepts of print, phonics/phonemic awareness, vocabulary, reading comprehension, fluency/accuracy, spelling, and writing. Each of these areas will be addressed throughout the duration of the course.

VISUAL STORYTELLING: COMICS (1597)

9, 10, 11, 12

Prerequisite: None

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.

Department	Teacher	E-mail
ESL	Lijun Zhu	lzhu@usd250.org
ESL & ESL English	Juli Holland	jholland@usd250.org
ESL History	Susana Canales	scanales@usd250.org
ESL Science	Sheila Sandford	ssandford@usd250.org
ESL Math	Emily Reitnauer Matt Vaughn	ereitnauer@usd250.org mvaughn@usd250.org

Newcomer (510, 515)

Beginner (507, 509)

Advanced (522, 523)

ESL English Newcomer (1444, 1441)

ESL English Beginner (1443, 1442)

ESL Science (1243, 1244)

ESL Science II (1544, 1546)

ESL History (1254, 1242)

ESL US History II (1615, 1616)

ESL Government (1269)

ESL Algebra A (1471, 1341)

ESL Algebra B (1391, 1392)

ESL Consumer Math (1465)

ESL Health (1389)

ESL Credit Recovery (1270)

INSTRUMENTAL MUSIC

Department	Teacher	E-mail
Band & Jazz Band	Cooper Neil	cneil@usd250.org
Orchestra	Irene Diaz	idiaz@usd250.org
Piano	Susan Laushman	slaushman@usd250.org

FALL BAND (1127)

9, 10, 11, 12

Prerequisite: Successful participation in previous year

1 semester

.5 credit

Band is a performance based course for instrumental music students. This band will perform in parades, half-time shows, marching festivals, concerts, and clinics. This band performs concert works of grade II and III. Members are also required to attend band camp at PHS during the summer. Additional performance opportunities include All-District Band All-State Band. Students should also enroll in a spring band course to receive the full credit.

SPRING SYMPHONIC BAND (1694)

9, 10, 11, 12

Prerequisite: Successful participation in previous semester

1 semester

.5 credit

Symphonic Band is a non-auditioned, performance based course for instrumental music students. This band will perform in concerts, State Music Festival, clinics and trips. This band performs concert works of grade II and III during the semester. Additional performance opportunities include KSHSAA Solo and Small Ensemble Festival.

SPRING WIND ENSEMBLE (1700)

9, 10, 11, 12

Prerequisite: Completion of LEVEL 1 Band Skills/Director Approval

1 semester

.5 credit

Wind Ensemble is a performance based course for intermediate to advanced instrumental music students. This band will perform in concerts, State Music Festival, clinics and trips. This band performs concert works of grade III and IV during the semester. Additional performance opportunities include KSHSAA Solo and Small Ensemble Festival.

STRING ORCHESTRA (1722, 1723)

9, 10, 11, 12

Prerequisite: Instructor Successful participation in previous semester

1 year 1 credit

String Orchestra is a non-auditioned, performance based course for instrumental music students. This ensemble will perform in concerts, State Music Festival, clinics and trips. This ensemble performs concert works ranging from grade II to IV. Additional performance opportunities include All-district Orchestra, All-State Orchestra and KSHSAA Solo and Small Ensemble Festival.

JAZZ ENSEMBLE (338, 738)	9, 10, 11, 12
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Prerequisite: Director Approval	1 year	1 credit
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Jazz Ensemble is a class designed to teach fundamentals of jazz style. The 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 with director approval. Students not currently enrolled in a FALL or SPRING BAND course must audition.

PIANO LAB (1143)	9, 10, 11, 12
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Prerequisite: None	1 semester	.5 credit
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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

Department	Teacher	E-mail
Math	Gary Ausemus	gausemus@usd250.org
Math	Rashell Jaklevic	rjaklevic@usd250.org
Math	Kristi Neef	kneef@usd250.org
Math	Emily Reitnauer	ereitnauer@usd250.org
Math	David Simpson	dsimpson@usd250.org
Math	Matt Vaughn	mvaughn@usd250.org
Math	Joseph Mann	jmann@usd250.org

ADVANCED MATH (319, 819)

11, 12

Prerequisite: Geometry & Algebra II

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 Math 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

Prerequisite: None

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

Prerequisite: None

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

Prerequisite: Algebra A

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)

9, 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.

COLLEGE ALGEBRA (540)

11, 12

Prerequisite: Algebra II with a C or higher

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 MATH (323, 324)

11, 12

Prerequisite: None

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, 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.

MISCELLANEOUS COURSES

Department	Teacher	E-mail
Drivers Education	Adam Nunn	anunn@usd250.org
Jobs for America's Graduates (JAG)	Baylee Payne	bpayne@usd250.org
Financial Literacy		
Student Leadership Council	Sam Warren	swarren@usd250.org
Library Aide	Sam Warren	swarren@usd250.org

DRIVERS EDUCATION (873)

9, 10, 11, 12

Prerequisite: None

1 semester

.5 credit

Drivers 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 11th-12th (1367, 1368)

11, 12

JAG 9th-10th (1365, 1366)

9, 10

Prerequisite: Teacher/Counselor Approval

1 year

1 credit

The Jobs for America's Graduates program is a multi-year course that combines career exploration and leadership development with a credentialing pathway for clear transition to postsecondary education, training, and employment. The curriculum includes employer engagements and training, community service, field trips, and a student-led leadership organization.

STUDENT LEADERSHIP COUNCIL (1255, 1256)

9, 10, 11, 12

Prerequisite: Application & teacher approval

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 B or better will be required to enroll in the next semester.

[Application is here.](#)

TEACHER AIDE (414, 409)		11, 12
STUDENT AIDE OFFICE (416, 417)		
STUDENT AIDE COUNSELING (428, 429)		

Prerequisite: Teacher permission	1 semester	.25 credit
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LIBRARY AIDE (1637)		11, 12
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Prerequisite: Teacher permission	1 semester	.25 credit
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WORK EXPERIENCE (524, 525)		11, 12
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Prerequisite: Counselor permission	1 semester	.5 credit
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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.

FINANCIAL LITERACY (1613)		11,12
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Prerequisite: none	1 semester	.5 credit
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Financial literacy course provides students with an understanding of the concepts, principles and skills involved in making and applying sound financial decisions. This course emphasizes earning income, spending, saving, investing, managing credit and managing risk.

PERFORMING ARTS

Department	Teacher	E-mail
Musical Rep Theatre & Theatre	Breana Clark	bclark@usd250.org
Stagecraft, Theatre Design	Chuck Boyles	cboyles@usd250.org

MUSICAL REPERTORY THEATRE (641)

9, 10, 11, 12

Prerequisite: Theatre I, Audition

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, Audition

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

Prerequisite: None

1 semester

.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

Prerequisite: None

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. Students will be expected to perform in this class.

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 - SPRING (1299)

10, 11, 12

Prerequisite: Stagecraft, Theatre Design I

1 semester

.5 credit

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

PHYSICAL EDUCATION & HEALTH

Department	Teacher	E-mail
Health	Anita Walker	awalker@usd250.org
Strength & Conditioning, PE	Ashlen Riggs	ariggs@usd250.org
Strength & Conditioning, PE	Wes Slavens	wslavens@usd250.org
Strength & Conditioning, PE	Tristan Gegg	tgegg@usd250.org
Strength & Conditioning Coord.	Josh Latimer	jlatimer@usd250.org

HEALTH (350)

9, 10, 11, 12

Prerequisite: None

1 semester

.5 credit

Welcome to our Health and Wellness course, where we aim to enhance your personal well-being. This course offers essential information and tools to help you make informed health decisions. Taking charge of your health is key to a fulfilling life, and we're here to support you. Our focus is on empowering you to take responsibility for your health. By the end, you'll gain valuable knowledge and confidence to make choices that enhance your well-being. Join us on this transformative journey to a healthier you!

PE CO-ED FALL (1710)

9, 10, 11, 12

PE CO-ED SPRING (1711)

Prerequisite: None

1 semester

.5 credit

This class is an introduction to the class of conditioning and weight training with emphasis on developing muscular strength, muscular endurance, and cardiovascular conditioning. It will introduce the PHS weight and conditioning program. Fitness levels will be tested three separate times throughout the semester.

POWERWALKING (1218)

9, 10, 11, 12

Prerequisite: None

1 semester

.5 credit

This course can be repeated for credit. Powerwalking 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.

STRENGTH & CONDITIONING CO-ED FALL (1712)
STRENGTH & CONDITIONING CO-ED SPR (1713)

9, 10, 11, 12

Prerequisite: Passed Strength & Conditioning at high school level OR 80% attendance of summer weights

1 semester

.5 credit

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

Department	Teacher	E-mail
Biology, Anatomy & Physiology	Mary Packard	mpackard@usd250.org
Biology, Earth & Space	Robert Kimzey	rkimzey@usd250.org
Biology, Botany	Aubry Ross	aubryross@usd250.org
Biology, Ecology	Steven Seeley	sseeley@usd250.org
Earth & Space	Megan Kells	mkells@usd250.org
Earth & Space	Sheila Sandford	ssandford@usd250.org
Chemistry, Physics	Sage Wood	swood@usd250.org

ANATOMY & PHYSIOLOGY (308, 508)

11, 12

Prerequisite: 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: None

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: Must maintain a B or higher 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 the 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 (FALL 1560, SPRING 1561)

11, 12

Prerequisite: Biology

1 semester

.5 credit

Fall (1560) Fall (1560) Introduces basic principles of plant structure, function, and reproduction, including the diversity of plants & environmental influences on plant growth & survival. Students will also engage in a book study of "The Botany of Desire" By Michael Pollan to investigate the author's unique perspective on our relationship with plants. Students will also be responsible for the maintenance and operation of the Dragon Farm, PHS's student-run hydroponic farming system, which includes selling produce at the Pittsburg Farmers Market.

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. Students will also be responsible for the maintenance and operation of the Dragon Farm, PHS's student-run hydroponic farming system, which includes selling produce at the Pittsburg Farmers Market.

CHEMISTRY (1294, 1306)

10, 11, 12

Prerequisite: Algebra I or higher

1 year

1 credit

This course covers the fundamental concepts of matter, its structure, its reactions, and its relationship to our environment. Students will develop problem-solving skills, scientific reasoning, and an understanding of these concepts through laboratory investigations. This course is recommended for anyone interested in chemistry (who meets the prerequisites) 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.

EARTH & SPACE (1593, 1594)

9

Prerequisite: None

1 year

1 credit

This course explores Earth's systems, including space systems, the history of Earth's formation and processes, and the dynamics of weather and climate. Throughout the year, students will engage in experimental laboratory activities designed to deepen their understanding of these concepts and apply scientific inquiry to real-world phenomena.

ECOLOGY (1591, 1592)

11, 12

Prerequisite: Biology

1 year

1 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.

PHYSICAL SCIENCE (1718, 1719)

11

Prerequisite: None

1 year 1 credit

The purpose of this course is to provide students with a fundamental knowledge of the world of physical science and to acquaint them with “scientific methods” in a laboratory setting. Basic principles of chemistry in the spring semester and physics in the fall semester. This course will provide students with an understanding of science through labs, demonstrations, and real-world examples, while students develop observation, measurement, problem-solving and scientific literacy skills.

PHYSICS (371, 571)

11, 12

Prerequisite: None

1 year 1 credit

This course is considered a college preparatory course for students who plan to major in Science, Engineering, or Medical fields, but anyone interested in Physics may take this course. Physics is concerned with kinematics, forces, energy, nuclear energy, momentum, optics, waves, electricity, and magnetism while developing analytical thinking, mathematical reasoning, and scientific inquiry skills. This class is required to meet Regents Scholars eligibility.

SUMMER HYDROPONICS

9, 10, 11, 12

Prerequisite: None

1 semester .5 credit

This class runs June-July, email 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 lettuce 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.

SOCIAL SCIENCE

Department	Teacher	E-mail
Government, Honors American History	Anita White	awhite@usd250.org
Government, American History	Summer Medsker	smedsker@usd250.org
American History	Jaxon Roberts	jroberts@usd250.org
American History	Catherine Shrader	clumley@usd250.org
Honors American History, Psychology	Patrick Moss	pmoss@usd250.org
World Civilization	Soli Groff	sgroff@usd250.org
World Civilization	Gary Wolgamott	gwolgamott@usd250.org
World Civilization	Jason Susnik	jsusnik@usd250.org
ESL History	Jaxon Roberts	jroberts@usd250.org

AP U.S. GOVERNMENT - SPRING (379)

11, 12

Prerequisite: None

1 semester

.5 credit

This AP course is a college level class about the framework, traditions and values of the American political system. Students will develop a critical understanding of the strengths and weaknesses of the 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 requirement for the 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: None

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.

AMERICAN HISTORY (376, 381)

10, 11

Prerequisite: None

1 year 1 credit

This course surveys the growth of the United States as an industrial and world power beginning in the 20th century continue into the present. The objective is to provide the student with a basic understanding of the development that our country underwent in the 20th 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 through the modern day.

CRIME & CONSEQUENCES (1702)

9, 10 11, 12

Prerequisite: None

1 semester

.5 credit

Discover how crime, punishment, and control have evolved across civilizations. From ancient torture devices to modern prisons, this course explores how societies have responded to wrongdoing and maintained order. Students will investigate infamous crimes, historical punishments, and the cultural forces that shaped them.

CURRENT EVENTS (1253)

9, 10 11, 12

Prerequisite: None

1 semester

.5 credit

This course focuses on significant local, national, and global issues shaping the world today. Through the study of news articles, broadcasts, and other media sources, students will explore current topics in politics, technology, culture, and more. Emphasis is placed on developing critical thinking skills, recognizing reliable sources, and understanding multiple viewpoints.

TOPICS IN WORLD HISTORY: HOLOCAUST (789)

10 11, 12

Prerequisite: None

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.

PSYCHOLOGY (384)

9, 10 11, 12

Prerequisite: None

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.

WORLD CIVILIZATION (1448, 1449)

9, 10

Prerequisite: None

1 year 1 credit

This course is designed to provide students with a basic understanding of World History during the 15th through 19th 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

Prerequisite: None

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.

HONORS WORLD HISTORY (1450, 1451)

10, 11, 12

1 year 1 credit

Prerequisite: None

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.

HONORS US HISTORY (1526, 1527)

10, 11, 12

Prerequisite: None

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.

SPECIAL EDUCATION

Department	Teacher	E-mail
School Psychologist	Kenda Fischer	kfischer@usd250.org
Special Education	Lucinda Nickelson	lnickelson@usd250.org
Special Education	Lucinda Hill	lucindahill@usd250.org
Special Education	Carrie Shattuck-Wilcox	cwilcox@usd250.org
Special Education	Kelsea Whitten	kwhitten@usd250.org
Special Education	Elisabeth Carroll	ecarroll@usd250.org
Special Education	Jill Kangas	jkangas@usd250.org
Special Education	Amber Kloster	akloster@usd250.org
Special Education	Nicole Newkirk	nnewkirk@usd250.org

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)

9, 10, 11, 12

Prerequisite: IEP

1 year 1 credit

VOCAL MUSIC

Department	Teacher	E-mail
Encore, Girls' Glee	Susan Laushman	slaushman@usd250.org
Musical Rep Theatre	Breana Clark	bclark@usd250.org

ENCORE (346, 746)

Prerequisite: Audition only

9, 10, 11, 12
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)

Prerequisite: Audition only

9, 10, 11, 12
1 year 1 credit

Glee is a redesigned vocal music class. Fall semester will include participation in Pittsburg Multigenerational Chorus and PHS Music Department Holiday Vespers. Spring semester will focus on pop music. Emphasis will be toward vocal development and confidence building. The pop choir will explore this style of singing through decades of popular music.

MUSICAL REPERTORY THEATRE (641, 1608)

Prerequisite: Theatre I & Audition

9, 10, 11, 12
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.
(641) Fall Out-of-school time is required.
(1680) Spring

WORLD LANGUAGE

Department	Teacher	E-mail
Spanish	Cristian Paxtor	cpaxtor@usd250.org
Spanish	Ivania Rountree	irountree@usd250.org

SPANISH 1 (236, 534)

9, 10, 11, 12

Prerequisite: None

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 11 (238, 535)

10, 11, 12

Prerequisite: Grade of C or higher 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)

10, 11, 12

Prerequisite: Grade of C or higher 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 (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 accelerated 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 (241, 541)

11, 12

Prerequisite: C or higher 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.

PSU CONCURRENT COURSES

Department	Teacher	E-mail
Advanced Composition	Victoria James	vjames@usd250.org
U.S. History Honors	Patrick Moss Anita White	pmoss@usd250.org awhite@usd250.org
College Algebra	Rebecca Lomshek Rashell Jakelvic	rlomshek@usd250.org rjakelvic@usd250.org
Honors World History	Gary Wolgamott	gwolgamott@usd250.org
Speech	Julie Laflen	jlaflen@usd250.org
AP English Literature & Comp	Kristy Uttley	kuttley@usd250.org

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). Students **may** enroll concurrently in this class for PSU college credit in English Composition 101 (tuition/fees are the responsibility of the student).

AP ENGLISH LITERATURE & COMP (199, 1233)

12

Prerequisite: 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.

COLLEGE ALGEBRA (540)

11, 12

Prerequisite: Algebra II with a C or higher

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.

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.

HONORS US HISTORY (1526, 1527)

10, 11, 12

Prerequisite: None

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.

SPEECH (162)

10, 11, 12

Prerequisite: None

1 semester .5 credit

Speech will involve the study of basic communication. This class will mainly focus on learning the proper organization skills needed to give speeches and then performing the speeches to the class. This course is available for concurrent college credit through Pittsburg State University; tuition and fees are the responsibilities of the student.

ADVANCED PLACEMENT COURSES

Department	Teacher	E-mail
AP Art 2-D	Rebecca Lomshek	rlomshek@usd250.org
AP Art 3D	Rolanda Root	rroot@usd250.org
AP Calculus	Rashell Jaklevic	rjaklevic@usd250.org
AP English Lang & Comp	Emily Rountree	erountree@usd250.org
AP English Literature & Comp	Kristy Uttley	kuttley@usd250.org
AP Government	Anita White	awhite@usd250.org
AP Spanish IV	Ivania Rountree	irountree@usd250.org

Students are required to take the AP exam each year. Students must notify the counselor by Nov. 1 if they have intent to drop the course at semester. If a student does not drop the course by Nov. 1 or does not take the exam, the student will be responsible for reimbursing the district for the testing fee. Testing fees vary by calendar year.

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 of 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 of 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 CALCULUS (328, 826)

Prerequisite: Advanced Math 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.

AP ENGLISH LANGUAGE & COMP (187, 787)

11, 12

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 a 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 & COMP (199, 1233)

12

Prerequisite: 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.

AP U. S. GOVERNMENT -SPRING (379)

11, 12

Prerequisite: None

1 semester .5 credit

This AP course is a college level class about the framework, traditions and values of the American political system. Students will develop a critical understanding of the strengths and weaknesses of the 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 requirement for the 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.

AP SPANISH IV (241, 541)

11, 12

Prerequisite: C or higher 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.

WSU TECH

***All WSU TECH COURSES ARE THREE CLASS PERIODS PER SEMESTER.**

CONSTRUCTION TECHNOLOGY (584, 585) CONSTRUCTION TECHNOLOGY II (1333, 1134)	11, 12
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Prerequisite: None	1 year
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The carpentry program prepares students in the basic skills necessary for all occupations in construction. Students begin their study in nine modules, which include: safety, math, materials, hand and power tools, construction drawings, basic riggings, communication, and employability skills. Students then advance to courses which provide hands-on application of technical knowledge and skills.

WELDING TECHNOLOGY (829, 830) WELDING TECHNOLOGY II (703, 704)	11, 12
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Prerequisite: None	1 year
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The welding program allows students to gain knowledge and skills in cutting, shielded metal arc welding (SMAW), gas metal arc welding (GMAW) and gas tungsten arc welding (GTAW) and provides some exposure to oxy-acetylene cutting and welding.

AVIATION MAINTENANCE (1670)	11, 12
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Prerequisite: None	1 year
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The aviation maintenance program introduces students to the foundational knowledge and skills for aviation maintenance careers. Topics include safety, regulations, tools and equipment, basic electricity, physics, maintenance practices, weight and balance, and corrosion control. Completion prepares students for entry-level support roles and is the first step toward FAA Airframe and PowerPlant certification.

MASONRY TECHNOLOGY (580, 581) MASONRY TECHNOLOGY II (705, 706)	11, 12
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Prerequisite: None	1 year
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The masonry technology program prepares students for careers in the construction industry as skilled brickmasons and blackmasons. Students gain hands-on experience in the layout, construction, and repair of structures using brick, block and stone materials, while learning to read blueprints, mix and apply mortar, and safely operate industry-standard tools and equipment.

CLIMATE & ENERGY CONTROL - HVAC (481, 482)

11, 12

CLIMATE & ENERGY CONTROL II - HVAC (1679, 1724)

Prerequisite: None

1 year

The climate and energy control technologies program is preparing students for careers in the air conditioning industry. Learning opportunities develop academic, occupational, and professional knowledge and skills required for acquiring, retaining, and advancing your career. The program includes a combination of electricity, heating, residential air conditioning, refrigeration, sheet metal fabrication, direct digital controls (DDC) and commercial HVAC applications. The foundational skills and principles learned in this program prepare students to work in the residential and commercial HVAC market place.

PLANT SCIENCE- HORTICULTURE (1260)

11, 12

Prerequisite: None

1 semester

The course is an introduction to plant science with an emphasis on the principles that lead to a greater understanding of plants and horticultural science. A variety of laboratory experiences will be included in this course.

HEAVY EQUIPMENT OPERATOR (1261, 1262)

11, 12

Prerequisite: Valid Driver's License

1 year

The heavy equipment operations program prepares students with the technical knowledge and hands-on skills required to operate and maintain a wide range of construction and earthmoving equipment used in the heavy civil and infrastructure industries. Students gain practical experience on industry-standard machines such as loaders, dozers, excavators, motor graders, scrapers, and dump trucks while applying principles of earthmoving, grading and compaction.

AUTOMOTIVE TECHNOLOGY (578, 579)

11, 12

Prerequisite: None

1 year

The automotive service technology program allows students to gain skills and knowledge to accurately diagnose, repair and service various automotive vehicles. Program includes classroom and lab activities.

Career and Technical Education (CTE)

Career and Technical Education programs provide students with hands-on learning experiences and real-world skills. CTE prepares students for success in both post-secondary education and the workforce by combining academic knowledge with practical, career-focused training. Students have the opportunity to earn industry certifications, participate in internships, and explore potential career pathways while completing their high school education. CTE programs equip students with valuable skills that are in high demand by employers, giving them a competitive edge in today's job market.

Department	Teacher	E-mail
CTE Director	Kelynn Heardt	kheardt@usd250.org
Business Marketing	Anna Gudde	agudde@usd250.org
Business Mgmt & Entrep, Business Finance	Morgan Westervelt	mwestervelt@usd250.org
Business Marketing, Construction	Jessica Kohley	jkohley@usd250.org
Culinary Arts & Mgmt	Anthony Fischer	afischer@usd250.org
Teach & Train, Early Childhood	Krystal Long	khenderson@usd250.org
Engineering & Applied Math, Programming & Software Development	Ryan Thies	rthies@usd250.org
Health Science	Stuart Perez	sperez@usd250.org
Media Design & Communications	Nicole Foster	nfoster@usd250.org
Information Support & Services	Jamie Howard	jhoward@usd250.org

Business Finance

The Finance Pathway prepares students for careers and/or continuing education in financial and investment planning, banking, insurance and business financial management. Career opportunities are available in every sector of the economy.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Business Essentials		8, 9, 10
<i>Technical Level</i>		
Accounting I		9,10,11,12
Entrepreneurship	Business Essentials	9,10,11,12
Business Communications		9,10,11,12
<i>Application Level</i>		
Advanced Accounting	Accounting I	10,11,12
Workplace Experience in Finance	Accounting I & Advanced Accounting	11,12

*Must complete 3 credits and have earned an Industry Recognized Certification or received a passing score on a 3rd party assessment to be a completer.

BUSINESS ESSENTIALS (109)

8, 9, 10

Prerequisite: none

1 semester

.5 credit

This is a core course designed to give students an overview of the business, marketing, and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace.

ACCOUNTING I (132, 532)	9, 10, 11, 12
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Prerequisite: None	1 year	1 credit
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Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Calculators, electronic spreadsheets, or other automated tools are usually used.

ENTREPRENEURSHIP (111)	9, 10, 11, 12
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Prerequisite: Business essentials	1 semester	.5 credit
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Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses or the ability to use the entrepreneurial mindset in an existing organization. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

BUSINESS COMMUNICATIONS (1612)	9, 10, 11, 12
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Prerequisite: None	1 semester	.5 credit
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Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communication non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.

ADVANCED ACCOUNTING (1595, 1596)	10, 11, 12
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Prerequisite: Accounting I	1 year	1 credit
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Advanced Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are usually used. Topics include principles of partnership and corporate accounting and the managerial uses of control systems and the accounting process and further enhancement of accounting skills.

WORKPLACE EXPERIENCE IN FINANCE (1638)	11, 12
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Prerequisite: Accounting I & Advanced Accounting	1 year	1 credit
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Workplace Experience in Finance courses offer students a more in-depth student of the financial industry. Goals are set cooperatively by the student, teacher, and employer. This course may still include classroom activities.

Business Management & Entrepreneurship

The management pathway prepares students for careers and/or continuing education opportunities planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Business Essentials		8, 9, 10
<i>Technical Level</i>		
Entrepreneurship	Business Essentials	9,10,11,12
Accounting		9,10,11,12
Principles of Marketing	Business Essentials	9,10,11,12
Business Communications		9,10,11,12
Business Management	Business Essentials	9,10,11,12
<i>Application Level</i>		
Applied Business Development	Minimum of 1 credit from introductory or technical levels, or teacher approval	10,11,12
LAUNCH	Teacher approval	11,12

BUSINESS ESSENTIALS (109)

8, 9, 10

Prerequisite: none

1 semester

.5 credit

This is a core course designed to give students an overview of the business, marketing, and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace.

ENTREPRENEURSHIP (111)	9, 10, 11, 12
Prerequisite: Business Essentials	1 semester .5 credit
Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses or the ability to use the entrepreneurial mindset in an existing organization. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.	
ACCOUNTING I (132, 532)	9, 10, 11, 12
Prerequisite: None	1 year 1 credit
Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Calculators, electronic spreadsheets, or other automated tools are usually used.	
PRINCIPLES OF MARKETING (1500, 1501)	9, 10, 11, 12
Prerequisite: Business Essentials	1 year 1 credit
This course develops student understanding and skills in such areas as channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling.	
BUSINESS COMMUNICATIONS (1612)	9, 10, 11, 1
Prerequisite: None	1 semester .5 credit
Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communication non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.	
BUSINESS MANAGEMENT (1611)	9,10,11,12
Prerequisite: Business Essentials	1 semester .5 credit
Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.	
APPLIED BUSINESS DEVELOPMENT (1640, 1641) (PHS COFFEE SHOP)	10, 11, 12
Prerequisite: Minimum of 1 credit from introductory or technical levels, or teacher approval	1 year 1 credit
Students will gain real-world business experience by operating the school's coffee shop. They will practice planning, organizing, directing, and controlling daily operations while managing responsibilities such as customer service, inventory, and quality control. Students will also build skills in entrepreneurship, market analysis, budgeting, and pricing as they make decisions to support a successful student-run business.	

Marketing

The Marketing Pathway prepares students for careers and/or continuing education opportunities in planning, managing and performing marketing activities to reach organization objectives. Students will learn skills in planning, managing, and performing marketing activities to reach organizational objectives such as brand management, professional sales, merchandising, marketing communications and market research.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Business Essentials		8, 9, 10
<i>Technical Level</i>		
Principles of Marketing	Business Essentials	9,10,11,12
Accounting I		9,10,11,12
Entrepreneurship	Business Essentials	9,10,11,12
Business Communications		9,10,11,12
Business Management	Business Essentials	9,10,11,12
Sports/Entertainment Marketing	Business Essentials	9,10,11,12
Audio/Video Production		9,10,11,12
Graphic Design I	Intro to Digital Apps Computer Graphics & Apps (8)	9,10,11,12
<i>Application Level</i>		
Marketing Applications	Minimum of 1 credit from introductory or technical levels	10,11,12
Marketing Workplace Experience	Minimum of 1 credit from introductory or technical levels	11,12

*Must complete 3 credits and have earned an Industry Recognized Certification or received a passing score on a 3rd party assessment to be a completer.

BUSINESS ESSENTIALS (109)	8, 9, 10
Prerequisite: none	1 semester .5 credit
This is a core course designed to give students an overview of the business, marketing, and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace.	
PRINCIPLES OF MARKETING (1500, 1501)	9, 10, 11, 12
Prerequisite: Business Essentials	1 year 1 credit
This course develops student understanding and skills in such areas as channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling.	
ACCOUNTING I (132, 532)	9, 10, 11, 12
Prerequisite: None	1 year 1 credit
Accounting courses introduce and expand upon the fundamental accounting principles and procedures used in businesses. Course content typically includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Calculators, electronic spreadsheets, or other automated tools are usually used.	
ENTREPRENEURSHIP (111)	9, 10, 11, 12
Prerequisite: Business Essentials	1 semester .5 credit
Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses or the ability to use the entrepreneurial mindset in an existing organization. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.	
BUSINESS COMMUNICATIONS (1612)	9, 10, 11, 12
Prerequisite: None	1 semester .5 credit
Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communication non-verbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.	
BUSINESS MANAGEMENT (1611)	9,10,11,12
Prerequisite: Business Essentials	1 semester .5 credit
Business Management courses acquaint students with management opportunities and effective human relations. These courses provide students with the skills to perform planning, staffing, financing, and controlling functions within a business. In addition, they usually provide a macro-level study of the business world, including business structure and finance, and the interconnections among industry, government, and the global economy. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions.	

MARKETING APPLICATIONS (1502)	10,11,12
Prerequisite: Minimum of 1 credit from introductory or technical levels	1 year 1 credit
Marketing Applications furthers student understanding and skills in the various marketing functions. Students coordinate channel management with other marketing activities, discuss the nature of marketing plans, generate product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course along with four projects.	
MARKETING WORKPLACE EXPERIENCE (1646)	11,12
Prerequisite: Minimum of 1 credit from introductory or technical levels	1 semester .5 credit
Workplace Experience in Marketing courses offer students a more in-depth study of the marketing industry. Goals are typically set cooperatively by the student, teacher, and employer. These courses may still include classroom activities.	
SPORTS/ENTERTAINMENT MARKETING (1701)	9, 10, 11, 12
Prerequisite: Business Essentials	1 semester .5 credit
Sports and Entertainment Marketing course introduces students to and helps them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment.	
GRAPHIC DESIGN (1685)	9, 10, 11, 12
Prerequisite: Intro to Digital Apps	1 semester .5 credit
Students will explore visual communication through both traditional and digital design methods—learning how to arrange text and images purposefully, understand design elements and principles, and apply industry-standard software tools to create print and digital graphics. Throughout the semester, students will complete hands-on design projects (such as logos, posters, ads, digital illustrations, and product packaging mock-ups) that reflect real-world design briefs. They will develop a visual design vocabulary, build fluency in layout, typography, color, composition, and imagery, and begin to think like a designer: planning for audience, message, medium, and brand.	
AUDIO/VIDEO PRODUCTION (1688)	9, 10, 11, 12
Prerequisite: none	1 semester .5 credit
This hands-on course introduces students to the creative and technical aspects of audio and video production. Students will learn how to plan, record, and edit professional-quality media projects using industry-standard software and equipment. Through practical assignments, students will explore the entire production process. Students will work individually or in teams to produce a variety of videos that can include commercials, news segments, music videos, short films, and more.	

Construction & Design

The Construction & Design Pathway prepares students for careers in the building trades and architecture. Students in these pathways learn how to design, plan, manage, and build structures, such as houses, bridges, and highways. They may also work on the construction of industrial buildings, schools, and other facilities.

*Classes are in recommended order, but not necessary as long as prerequisites are followed. -

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Intro to Craft Skills		8,9,10,11,12
<i>Technical Level</i>		
Woodworking Principles	Intro to Craft Skills or Construction 8	9,10,11,12
Carpentry	Intro to Craft Skills or Construction 8	9,10,11,12
<i>Application Level</i>		
Woodworking II	Woodworking Principles	10,11,12
Workplace Experience in Construction	Woodworking II	12

*Must complete 3 credits to be a completer.

INTRODUCTION TO CRAFT SKILLS (834)	9,10,11,12
Prerequisite: none	1 semester .5 credit
This course introduces students to construction trades through hands-on learning focused on jobsite safety, basic construction skills, proper tool use, teamwork, and career readiness. Major course goals include providing students the opportunity to begin earning 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 professionals.	

CARPENTRY I (1520, 1521)	9,10,11,12
Prerequisite: Intro to Craft 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.	
WOODWORKING PRINCIPLES (1357, 1358)	9,10,11,12
Prerequisite: Intro to Craft Skills or Construction III (PCMS)	1 year 1 credit
This course introduces students to the various kinds of woods used in industry and offers 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 (1647, 1648)	11,12
Prerequisite: Intro to Craft Skills, Woodworking Principles	1 year 1 credit
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.	
WORKPLACE EXPERIENCE IN CONSTRUCTION (1705)	12
Prerequisite: Woodworking II	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.	

Culinary Arts / Restaurant and Hospitality

The Culinary Arts Pathway prepares students for careers and/or continuing education in Culinary Arts / Restaurant and Hospitality management. Career opportunities are available in every sector of the economy. Restaurant and Hospitality Management is an extremely high growth field that spans multiple disciplines. Employment can be found in almost every facet of everyday life.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Career & Life Planning		8,9,10,11,12
Business Essentials		8,9,10
FACS 8		
<i>Technical Level</i>		
Culinary Essentials	Business Essentials or Career & Life Planning or Intro to FACS (8)	8,9,10,11,12
Baking and Pastry	Culinary Essentials	9,10,11,12
Culinary 1/ ProStart	Culinary Essentials	10,11,12
Culinary 2/ProStart	Culinary I/ProStart	11,12
<i>Application Level</i>		
Culinary Workplace Experience	Culinary I/ ProStart	11,12
Applied Business Development	Minimum of 1 credit from introductory or technical levels, or teacher approval	10,11,12

*Must complete Culinary 1-2, 400 hours internship, obtain ServSafe Manager, and pass national certifications.

CULINARY ESSENTIALS (1453)	9,10,11,12
Prerequisite: None	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	
BAKING & PASTRY I (1555)	10,11,12
Prerequisite: Culinary Essentials	1 semester .5 credit
This is an advanced class for students 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 breads, both batters and soft doughs, as well as yeast breads. We will cover a variety of 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, advanced problem solving, and communication skills necessary for employment.	
CULINARY I (1551, 1552)	10,11,12
Prerequisite: Culinary Essentials	1 year 1 credit
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 building employment portfolios and understanding of common hiring and interviewing skills. Students will learn the skills needed for risk management assessments. This is the entry level class for the National Restaurant Association Education Foundation Certification.	
CULINARY II (1553, 1554)	11,12
Prerequisite: Culinary I	1 year 1 credit
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 develop an understanding of marketing, as well increase their skills in employment strategies and risk management. Servsafe Restaurant management testing will be available at the end of the course. This is the second level class for the National Restaurant Association Education Foundation Certification.	
CULINARY WORKPLACE EXPERIENCE (1684)	11,12
Prerequisite: Culinary I, Culinary II	1 year 1 credit
Students will work in the Restaurant and Hospitality Industry to develop Skills taught in the classroom in a real world environment. Implementing their practical skills, communication, culinary math skills, and problem solving. CWE is based and developed to aid students in achieving the 400 hours of industry experience to qualify and receive the National Restaurant Association Education Foundation Certification of Completion	

BUSINESS ESSENTIALS (109)

9, 10, 11, 12

Prerequisite:None

1 semester

.5 credit

This is a core course designed to give students an overview of the business, marketing, and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace.

CAREER & LIFE PLANNING (1510)

9, 10, 11, 12

Prerequisite: Culinary I, Culinary II

1 semester

.5 credit

This course will introduce students to the skills and strategies needed to be focused, productive individuals. Emphasis is placed on goal setting, decision making, time and personal management. Development of workplace skills, knowledge and attitudes needed to be successful in various career, community and family settings will be incorporated throughout this course.

Early Childhood

Focusing on the careers relating to meeting the needs of children (birth to age five), be they providers in home, community, educational or institutional settings and includes child growth and development, nutrition, recreation, planning and supervising learning activities; child abuse and neglect prevention, working with parents and the legal and administrative requirements of the field.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Career and Life Planning		8,9,10,11,12
<i>Technical Level</i>		
Human Growth and Development	Career & Life Planning or Career & Life Planning (8) or FACS (8)	9,10,11,12
Family Studies	Career & Life Planning or Career & Life Planning (8) or FACS (8)	9,10,11,12
Foundations of Early Childhood	Human Growth and Development	11,12
<i>Application Level</i>		
Workplace Experience: Early Childhood Development	Foundations of Early Childhood	

*Must complete 3 credits to be a completer.

CAREER & LIFE PLANNING (1510)

9,10,11,12

Prerequisite: None

1 semester

.5 credit

This course will introduce students to the skills and strategies needed to be focused, productive individuals. Emphasis is placed on goal setting, decision making, time and personal management. Development of workplace skills, knowledge and attitudes needed to be successful in various career, community and family settings will be incorporated throughout this course.

HUMAN GROWTH & DEVELOPMENT (1195)	9,10,11,12
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Prerequisite: None	1 semester	.5 credit
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Human Growth and Development – The Early Years provides students with knowledge about the physical, intellectual, emotional, and social growth (PIES) and development of children. Course content will provide an overview of life stages from prenatal and birth processes and fundamentals of children’s milestone development during the early years.

FAMILY STUDIES (1512)	9, 10, 11, 12
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Prerequisite: None	1 semester	.5 credit
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The Family Studies course explores the roles and responsibilities of parents such as how society, media, technology, and diversity impact their ability to balance work and family. It also includes the development of children and parents as their earliest teacher. Parenting styles and family stages are explored as is the changing demographics which will change the face of the US family. Parenting and behavior guidance skills are strengthened through a study of positive family relationships, child abuse and neglect, safety, and health practices. Occupations related to meeting the needs of families will be analyzed. This course will promote the creation of healthy and sustainable families be they their own or those they work with.

FOUNDATIONS OF EARLY CHILDHOOD (486, 487)	11,12
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Prerequisite: None	1 year	1 credit
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Foundations to Early Childhood Development provides students with knowledge of developing the physical, intellectual, emotional, and social growth of young children in a variety of childcare settings.

WORKPLACE EXPERIENCE: EARLY CHILDHOOD DEVELOPMENT (1686)	12
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Prerequisite: Family Studies, Human Growth & Development, & Foundations of Early Childhood	1 semester	.5 credit
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This course provides students with supervised, real-world workplace experience in early childhood education settings. Students apply classroom learning while developing professional skills related to child development, safety, communication, and ethical workplace practices, preparing them for careers in early childhood education and care.

Engineering and Applied Mathematics

Engineering and applied mathematics is for students interested in combining their passion for mathematics and hands-on engineering applications. Key emphasis of this pathway is critical thinking, problem-solving, and quantitative analysis. Finding solutions to real world problems and going through the steps an engineer would to solve such as 3D printing, prototyping, coding, electronics, and more.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Introduction to Tech and Engineering		9,10,11,12
<i>Technical Level</i>		
Engineering and Robotics	Intro to Tech & Engineering	10,11,12
Engineering and Robotics II	Engineering and Robotics	11,12
<i>Application Level</i>		
Workplace Experience in Engineering	Applications of Technology & teacher approval	11,12

*Must complete 3 credits to be a completer.

INTRO TO TECH & ENGINEERING (1297, 1298)

9,10,11,12

Prerequisite: None

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.

ENGINEERING & ROBOTICS (1506, 1507)

10,11,12

Prerequisite: Intro to Tech and 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.

ENGINEERING & ROBOTICS II (1643,1645)

10,11,12

Prerequisite: Engineering and Robotics

1 year 1 credit

This class is taken after Engineering and Robotics. If you have identified that you enjoy working with robots whether it be the building, coding, programming, planning the design, or the rigorous problem solving challenges then this class is the next logical choice

WORKPLACE EXPERIENCE: ENGINEERING (1716)

11, 12

Prerequisite: Applications of Technology

This course provides students with supervised, real-world workplace experience in early childhood education settings. Students apply classroom learning while developing professional skills related to child development, safety, communication, and ethical workplace practices, preparing them for careers in early childhood education and care.

Information Support & Services

The Information Support and Services pathway prepares students for careers in information technology by developing skills in technical support, hardware and software troubleshooting, networking basics, cybersecurity awareness, and customer service while emphasizing professionalism and career readiness.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Computer Graphics and Apps (8)	8th grade only	8
Intro to Digital Apps		9,10,11,12
<i>Technical Level</i>		
Foundations of Information Technology	Computer Graphics and Apps (8) or Intro to Digital Apps	9,10,11,12
<i>Application Level</i>		
Dragon Tech Support & Services	Computer Graphics and Apps (8) or Intro to Digital Apps and Foundations of Information Technology (class of 2030)	10,11,12

INTRO TO DIGITAL APPS (1682)

9, 10, 11, 12

Prerequisite: None

1 semester

.5 credit

In this course students will gain experience and develop skills using various computer applications and digital media application software. This course will explore a wide range of applications including but not limited to various graphic design software, word-processing, spreadsheets, and other essential computer applications software.

FOUNDATIONS OF INFORMATION TECHNOLOGY (1703, 1704)

9, 10, 11, 12

Prerequisite: Computer Graphics & Apps (8) or Intro to Digital Apps

1 year

1 credit

This course introduces students to information technology careers and pathways, including Network Systems, Information Support and Services, and Programming and Software Development. Students develop foundational IT knowledge and skills to support informed program-of-study and career pathway decisions aligned with their Individual Plan of Study (IPS).

DRAGON TECH SUPPORT & SERVICES (1720, 1721)

10, 11, 12

Prerequisite: Computer Graphics & Apps (8) or Intro to
Digital Apps or Teacher Approval

1 year 1 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.

Media Design & Communications

The Media Design and Communications pathway introduces students to the creative and technical aspects of digital media and communication. Students develop skills in visual communication, graphic design, media production, writing, and storytelling while gaining hands-on experience with industry-standard tools across print, broadcast, social media, and online platforms.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Computer Graphics & Apps (8)		8
Intro to Digital Apps		9,10,11,12
<i>Technical Level</i>		
Media Productions	Computer Graphics & Apps (8) or Intro to Digital Apps	9,10,11,12
Introduction to Multimedia	Computer Graphics & Apps (8) or Intro to Digital Apps	9,10,11,12
Advanced Multimedia Productions	Intro to Multimedia	10,11,12
<i>Application Level</i>		
Advanced Media Productions	Media Productions	10,11,12
Editorial Leadership	Advanced Media Productions or Advanced Multimedia Productions, and instructor approval.	10,11,12
Pitt Media Special Productions	Advanced Multimedia Production with a B or higher, application & instructor permission after the application is evaluated. Applications available from the instructor.	10,11,12

*Must complete 3 credits to be a completer.

INTRODUCTORY to MULTIMEDIA (1373, 1374)

9,10,11,12

Prerequisite: Computer Applications

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, publishing photos, and creating 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.

ADVANCED MULTIMEDIA PRODUCTION (1375, 1376)

10, 11,12

Prerequisite: Multimedia Production with a B or higher, application & instructor permission after the application is evaluated. Applications are available from the instructor.

1 year 1 credit

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.

ADVANCED MEDIA PRODUCTION (1379, 1380)

10, 11,12

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

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.

EDITORIAL LEADERSHIP (1295, 1296)

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.

INTRO TO DIGITAL APPS (1682)

9, 10, 11,12

Prerequisite None

1 semester

.5 credit

In this course students will gain experience and develop skills using various computer applications and digital media application software. This course will explore a wide range of applications including but not limited to various graphic design software, word-processing, spreadsheets, and other essential computer applications software.

GRAPHIC DESIGN I (1685)

9,10,11,12

Prerequisite: Intro to Digital Apps or Computer Graphics & Apps (8)

1 semester

.5 credit

Students will explore visual communication through both traditional and digital design methods—learning how to arrange text and images purposefully, understand design elements and principles, and apply industry-standard software tools to create print and digital graphics. Throughout the semester, students will complete hands-on design projects (such as logos, posters, ads, digital illustrations, and product packaging mock-ups) that reflect real-world design briefs. They will develop a visual design vocabulary, build fluency in layout, typography, color, composition, and imagery, and begin to think like a designer: planning for audience, message, medium, and brand.

PITT MEDIA SPECIAL PRODUCTIONS (1549, 1550)

10, 11,12

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.

MEDIA PRODUCTION (1377, 1378)

9,10,11,12

Prerequisite: Computer Applications

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, publishing photos, and creating 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.

Health Science

The Health Science Pathway prepares students for careers and/or continuing education in the Health Care field. Students explore how health care systems operate and begin to develop a plan of study in a career area. Upper level courses prepare students with patient care skills that can be utilized in CNA, EMT or Patient Care Technician roles.

*Prerequisites and grade level must be met for courses.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
Introductory Level		
Introduction to Health Care		8,9,10,11,12
Technical Level		
Health Care II	Introduction to Health Care	9,10,11,12
Anatomy and Physiology	Biology	11, 12
Application Level		
Certified Patient Care Technician	Recommend: Health Care II Recommend: Anatomy & Physiology Must be 17 years old	11,12
EMT - Emergency Medical Technician (KS/NREMT certification)	Recommend: Health Care II Required: Anatomy and Physiology Must be 17 years old	12
Health Care III: Clinical Experience (1.0)	Required: Health Care II (B or better) Required: Anatomy and Physiology Instructor Approval	12

*Must complete 3 credits to be a CTE Health Science Pathway completer.

INTRO TO HEALTHCARE (1447)	9,10,11,12
Prerequisite: None	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: Introduction 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. Students will learn patient care skills and techniques essential to the Health Care industry. During this course, students will obtain their American Heart Association BLS First Aid & CPR certification.

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.

HEALTH CARE III Clinical Experience (1385)

12

Prerequisite: Health Care I, Health Care II, Anatomy and Physiology

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 different clinical rotations with local clinics and hospitals.

HEALTH SCIENCE III: EMT (1458) - FALL ONLY

12

Prerequisite: Anatomy and Physiology. Recommend: Health Care II

1 Semester, 2 class periods 1 credit

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. Students who successfully pass the course are qualified to take the NREMT exam and KS EMT exam.

CERTIFIED PATIENT CARE TECH (1693)

12

Prerequisite:

1 semester .5 credit

This course prepares students to perform basic patient care to patients in hospitals. Students acquire knowledge, skills, and experiences related to patient care with an acute-care focus and typically learn about such topics as medical/hospital procedures and environments, phlebotomy, medical terminology, activities of daily life, cardiac, wound care, vital signs and measurement, and the process of drawing blood.

Programming & Software

The Programming & Software Development pathway gives students hands-on experience creating and maintaining software through real-world projects. Students learn how programs are planned, built, tested, and improved while developing problem-solving skills and an understanding of how software systems work. The pathway introduces current programming tools, emphasizes teamwork and communication, and explores how technology continues to change the way people work and live. Students who complete this pathway are prepared for further study or entry-level opportunities in computer science, information technology, and related fields.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Robotics and Coding (8)	8th grade level only	8
Computer Graphics and Apps (8)	8th grade level only	8
Intro to Digital Apps		9,10,11,12
<i>Technical Level</i>		
Computer Programming	Robotics & Coding (8) or Computer Graphics and Apps (8) or Intro to Digital Apps	9,10,11,12
<i>Application Level</i>		
Cyber Security and Training	Engineering and Robotics	11,12 (Not offered for 2026-27 school year)

COMPUTER PROGRAMMING (1600, 1607)

10, 11, 12

Prerequisite: Robotics and Coding (8) or Computer Graphics and Apps (8) or Intro to Digital Apps

1 year 1 credit

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.

Teach and Train

The Teach and Train pathway focuses on the careers relating to all educational careers. Content includes general theory and practice of learning and teaching as well as the planning of educational activities across multiple disciplines. This pathway specifically links to K-12 educational settings and related training opportunities in traditional schools and in the community.

*Classes are in recommended order, but not necessary as long as prerequisites are followed.

<i>Course</i>	<i>Prerequisites (if any)</i>	<i>Grade Level Recommended</i>
<i>Introductory Level</i>		
Career and Life Planning		8, 9, 10, 11, 12
FACS (8)		8
<i>Technical Level</i>		
Human Growth and Development	Career & Life Planning or FACS (8)	9,10,11,12
Family Studies	Career & Life Planning or FACS (8)	9,10,11,12
Principles of Teaching and Coaching	Human Growth and Development or Family Studies	11,12
<i>Application Level</i>		
Education Explorations	Principles of Teaching and Coaching	12

*Must complete 3 credits to be a completer.

CAREER & LIFE PLANNING (1510)

9,10,11,12

Prerequisite: None

1 semester

.5 credit

This course will introduce students to the skills and strategies needed to be focused, productive individuals. Emphasis is placed on goal setting, decision making, time and personal management. Development of workplace skills, knowledge and attitudes needed to be successful in various career, community and family settings will be incorporated throughout this course.

HUMAN GROWTH & DEVELOPMENT (1195) 9,10,11,12

Prerequisite: None 1 semester .5 credit

Human Growth and Development – The Early Years provides students with knowledge about the physical, intellectual, emotional, and social growth (PIES) and development of children. Course content will provide an overview of life stages from prenatal and birth processes and fundamentals of children’s milestone development during the early years

FAMILY STUDIES (1512) 9,10,11,12

Prerequisite: None 1 semester .5 credit

The Family Studies course explores the roles and responsibilities of parents such as how society, media, technology, and diversity impact their ability to balance work and family. It also includes the development of children and parents as their earliest teacher. Parenting styles and family stages are explored as is the changing demographics which will change the face of the US family. Parenting and behavior guidance skills are strengthened through a study of positive family relationships, child abuse and neglect, safety, and health practices. Occupations related to meeting the needs of families will be analyzed. This course will promote the creation of healthy and sustainable families be they their own or those they work with

PRINCIPLES OF TEACHING & COACHING (1603, 1604) 11,12

Prerequisite: Human Growth and Development 1 year 1 credit

Principles of Teaching and Coaching introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose students to and train them 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 (1650, 1651) 12

Prerequisite: Principles of Teaching & Coaching 1 year 1 credit

Education and Training Explorations will prepare students to teach and guide others. It will provide opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students will examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques.

SCHEDULING REQUEST – 9th Grade

Freshman Scheduling 2026-27

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 – 10th Grade

Sophomore Scheduling 2026-27

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
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 194	Honors Algebra II 195
(circle one)	(circle one)
World Civilization 1448	World Civilization 1449F
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 – 11th Grade

Junior Scheduling 2026-27

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
Physical Science 1718 Or Chemistry 1294	Physical Science 1719 Or Chemistry 1306
English 11 182 AP Language 187 (circle one)	English 11 181 AP Language 787 (circle one)
Math Elective:	Math Elective:
American History 376 Honors American History 1526 *Select any elective if history requirement is fulfilled. Elective: (circle one)	American History 381 Honors American History 1527 *Select any elective if history requirement is fulfilled. Elective: (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 – 12th Grade

Senior Scheduling 2026-27

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
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. | _____ | _____ |

☐ **Requesting a reduced schedule in the spring.**

☐ **Requesting to be a semester graduate.**

