



Piedmont High School

Course Catalog

2026-2027

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Welcome to Piedmont High School

Families and Students,

This guide is here to help you make informed choices about your educational journey. The classes and programs you take in high school can open doors to future opportunities. When choosing your courses, aim for a schedule that not only meets graduation requirements but also inspires and challenges you to discover your passions.

Please consult with your teachers, counselors, advisors, administrators and parents as you make your final decisions.

Disclaimer: The policies and regulations of Piedmont High School District Board of Education, or any changes to the Board of Education policies and regulations after printing or publishing of this guide, supersede all information provided in this course description guide. For more detailed information, refer to the Piedmont School District Board of Education Policies. All policies can be found online at [Board Policies - Piedmont School District](#).

General Information

Students and families are encouraged to thoughtfully consider future career goals when selecting courses. Piedmont Public Schools offers academic counselors who are available to help students design a course plan that supports their academic growth and career aspirations. Course selection plays a key role in meeting graduation requirements, qualifying for college admission, and pursuing scholarship opportunities.

- Grade Level Classification**

Grade Level	Credits
Freshmen	0* Students may enter Freshmen year with high school credit depending on the courses they were enrolled in during 8th grade
Sophomore	6 units (*One unit = two semester)
Junior	12 units
Seniors	19 units

- Grading Practices and Grade Weights:** Students shall receive semester grades of A, B, C, D or F based on the following scale:
A 90-100 **B** 80-89 **C** 70-79 **D** 60-69 **F** 0-59

Course Information

- **Enrollment Instructions:** Each student will go through the course selection process in the spring semester before the next school year. During this time counselors, administrators, and teachers help educate students and families on offerings, pathways, diploma plans, and more.
 - All students will bring home enrollment information during the third quarter.
 - Parents should review the enrollment forms with their student.
 - All students will complete the enrollment process at school with the help of a counselor.
- **Course Requests:** Requesting courses consists of selecting subjects to be taken after a thorough explanation and examination of graduation requirements has been made. It is important that students and parents review the high school graduation requirements. High school counselors and teachers are a great source of advice about courses that are offered, but the ultimate success rests on each student's efforts.
 - **Due to staffing, some courses could be eliminated or modified depending on numbers enrolled, staff changes, etc.**
 - Students will not be allowed to change classes after enrollment forms are turned in unless they meet one of the following requirements:
 - Moving into an Accelerated or AP course
 - Moving into a Concurrent course, athletics, or CVTC program.
- **Accelerated Courses:** Accelerated courses give students the chance to challenge themselves and grow academically. These classes move at a faster pace, explore topics in greater depth, and provide opportunities for extra learning through homework and independent study. These courses help prepare students for future AP or concurrent classes.
- **AP Courses:** Advanced placement courses are for college-bound students who desire a more comprehensive education. An AP course provides the opportunity to potentially earn college credit. Any student who enrolls in an AP exam and earns a score of “3” or better, may earn college credit. There is no guarantee that a university or college will grant credit, regardless of the AP exam score. For information about what colleges grant credit visit the [AP Credit Policy](#) page.
 - **For details on Advanced Placement (AP), visit www.collegeboard.com.** Students pay approximately \$100 per exam. AP tests are given on campus each May, and registration with payment takes place in the fall.
 - **AP courses demand college-level performance, so students should carefully consider their commitment before enrolling.** Success in these classes requires self-discipline, strong academic ability, sufficient time for homework, and a dedication to completing the course.
 - **STUDENTS WHO ENROLL IN AN AP COURSE MUST REMAIN IN THE COURSE FOR THE ENTIRETY OF THE SCHOOL YEAR.**
- **Concurrent Enrollment:** Students have the opportunity to earn college credit while still in high school with concurrent enrollment at a local university or college. Students must meet

the requirements set forth on the charts below to be eligible. Students must also have approval from a parent or guardian and their academic counselor or principal to ensure they will complete all necessary graduation requirements. Approval forms must be sent to the university where students are enrolled each semester.

- Each high school senior who meets the eligibility requirements shall be entitled to receive a tuition waiver equivalent to the amount of resident tuition for a maximum of eighteen (18) credit hours. Many Oklahoma colleges are also providing tuition waivers for up to nine (9) credit hours for high school juniors.
- Parents/students are responsible for paying **all fees** associated with each concurrent course. Fees vary from university to university, and online courses may incur additional fees.
- Concurrent courses will begin the student's college transcript and will transfer course grades to most colleges the student might attend in the future. Concurrent classes are placed on both the high school and college transcript and will be calculated into the student's high school GPA. Please see the table below for course weights.
- **IMPORTANT INFORMATION CONCERNING WITHDRAWING FROM CONCURRENT COURSES: Students are responsible to report any changes in their concurrent enrollment status to their school counselor immediately.**
- **Through the institution, a student may receive a grade of a W when withdrawing from a course. All W grades will be transcribed as NC (No Credit) on the PHS transcript, which will be computed the same as a failing grade in your GPA.**

Requirements for Concurrent Enrollment Admission

University	Requirements
OU/OSU	24 ACT/1160 PSAT and/or 3.0 GPA & top 33% of class.
Regional Universities (SWOSU/UCO)	20 ACT/ 1030 PSAT and/or 3.0 GPA & top 50% of class.
Community Colleges (OSU-OKC/ Redlands)	19 ACT/990 PSAT and/or 3.0 GPA.

Course Scales

On level course grade weight	4.0 grade point scale
Accelerated/Concurrent course grade weight	4.5 grade point scale
AP course grade weight	5.0 grade point scale

NCAA GUIDELINES

NCAA is for high school students who hope to compete in college sports at a Division I or Division II school.

First Step: Register with NCAA at eligibilitycenter.org by the end of the Junior year of HS, preferably earlier. Counselors will upload transcripts at the end of each school year to the NCAA for those who have registered.

Timeline for NCAA

9th grade

- Check eligibilitycenter.org for all NCAA Requirements
- Take the right courses and earn the best grades possible (must take 4 core courses)
- Find your school's list of approved courses at eligibilitycenter.org/courselist (contact your counselor if you have questions)
- Sign up for a free Profile Page at eligibilitycenter.org and for information on NCAA requirements

10th grade

- Register for a Profile Page or Certification Account with the NCAA Eligibility Center
- Monitor your Eligibility Center account
- Take your 4 core courses
- If you fall behind academically, ask your counselor for help with finding approved courses

11th grade

- Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using the code 9999
- Ensure your sports participation information is correct on your Eligibility Account
- Take your 4 core courses

12th grade

- Complete your final NCAA approved core courses
- Take the ACT or SAT again, if necessary, and submit your scores with 9999 code
- Request your final amateurism certification beginning April 1st in your NCAA account



OKLAHOMA'S PROMISE

Oklahoma's Promise allows eighth-, ninth- or 10th-grade students from families with an income of \$55,000 or less to earn a college tuition scholarship. Students must also meet academic and conduct requirements in high school.

Requirements:

- Take the 17 units of high school courses listed below and make a 2.5 GPA in those courses
- Make an overall high school GPA of at least 2.5
- Attend school regularly
- Do your homework
- Stay away from drugs and alcohol
- Do not commit criminal or delinquent acts
- Meet with a school official to go over your school work and records on a regular basis
- Provide information when requested
- Apply for other financial aid during your senior year of high school
- Take part in Oklahoma Promise activities that will prepare you for college

17 units of high school courses

- 4 units of English
- 3 units of Lab Science
- 3 units of Math
- 3 units of History and citizenship skills (including 1 unit of US History)
- 2 units of foreign language or 2 units of computer technology
- 1 additional unit of any of the subjects listed above
- 1 unit of band, vocal, art or humanities

You can apply online at www.okhighered.org/okpromise

How do I get the benefits?

Students must apply for FAFSA each college year to determine eligibility.

Parents' income may not exceed \$100,000 on the FAFSA.

Before the scholarship payment is made, you must actually be enrolled at a college or university.

Oklahoma's Promise awards will not pay for remedial courses ("zero-level" courses).

You have three years from the time of high school graduation to start taking college courses.

You may receive funds for no more than five years after enrolling in college.

Awards cannot be used for courses taken after you complete your bachelor's degree

You must maintain good grades in college to keep receiving awards.



FREQUENTLY ASKED QUESTIONS

1. **Should I take a foreign language in high school?** Yes. You are not required to take a foreign language in order to graduate. However, many college majors require either two years of a foreign language in high school, or you are required to take foreign language classes in college. With the high cost of college education, it is just good sense to take as many classes in high school that you can take for free to avoid having to pay for them later. Even if your plans do not include college, we are a global society now and having a second language makes you much more marketable in the world of work. We highly recommend two years of the same foreign language.
2. **When should I take the ACT?** It is recommended that sophomores take the ACT during the spring semester, but it can be taken at any time and as many times as a student wishes. Outside ACT preparation courses are recommended.
3. **What is concurrent enrollment?** Concurrent enrollment gives students who qualify the opportunity to earn college credits while in high school. Interested students should speak to their counselor for more information.
4. **What is the difference between the ACT and the SAT?** Both are college entrance exams and both can be used at any college. They test the same skill sets, but are formatted somewhat differently. The ACT is used largely in the South and Western United States.
5. **How do virtual courses work?** Students are allowed to take courses through an online provider monitored by Piedmont certified teachers. Students are expected to move through the curriculum and maintain pace with set deadlines. Tutoring is available at pre-established times with Piedmont teachers. Students may be required to attend in-person sessions if they are failing or fall behind pace for virtual courses. More information is available upon request.
6. **What if I'm not sure if I chose the right classes during enrollment?** Your counselor will be your guide. If you are unsure, check with your counselor for clarification.

Piedmont High School

Standard Diploma

Students must complete the following requirements to receive a high school diploma.

4 credits of English

3 credits of Mathematics (Algebra I or higher)

4 credits of Mathematics beginning with Class of 2030*

3 credits of Science (1 credit of Biology, 1 credit of a Physical Science/Chemistry/Physics)

3 credits of Social Studies

2 credits of Foreign Language or Technology

9 Electives (including Financial Literacy)

8 credits of Electives beginning with Class of 2030*

24 credits total

PHS Course Key

Oklahoma Promise

NCAA-Approved course

STEM Pathway course

Education and Arts Pathway course

Business and IT Pathway course

College Preparation Pathway course

Skilled Trades, Manufacturing, Career Ready course



LANGUAGE ARTS

English I (9) 🏆🌞🔬💻🎓👤

This two-semester course is a comprehensive program focused on developing students' skills as analytical readers, critical thinkers, and proficient writers. It uses a variety of high-interest fiction and nonfiction texts to teach literacy skills like close reading, vocabulary, grammar, and writing within a structured, multi-genre curriculum organized by essential questions. This course includes the four aspects of literacy: reading, writing, speaking, and listening.

Accelerated English I (9) 🏆🌞🔬💻🎓👤

Accelerated English I follows on-level English I while also engaging students who have mastered basic mechanics and can compose well-written paragraphs. Self-motivation and self-discipline are essential factors for success of students in accelerated classes as outside readings and writing tasks are required.

English II (10) 🏆🌞🔬💻🎓👤

Prerequisite: English I

English II includes study in four areas: grammar and usage, vocabulary, writing, and literature. Basic grammar is reviewed and more advanced ideas in grammar and usage are presented. Students will read a variety of fiction and informational texts to develop close reading, vocabulary, grammar, and composition. This course employs the four components of literacy: reading, writing, listening, and speaking.

Accelerated English II (10) 🏆🌞🔬💻🎓👤

Prerequisite: English I

Accelerated English II is a course designed for highly-motivated, college-bound students who value high academic achievement. Students selecting the course should have a solid understanding of grammar and writing skills for their grade level. The course provides students with a greater depth of content, a wider scope of material, intense writing practice, additional techniques, and higher-level thinking skills to distinguish them from the regular courses. Extensive outside reading and a research paper are required. Accelerated classes will expose students to the type of expectations and activities required by the AP program.

English III (11) 🏆🌞🔬💻🎓👤

Prerequisites: English I, II

English III reviews grammar terminology and uses these terms to emphasize the rules of work usage and the rules of punctuation, capitalization, and spelling both in learning exercises and in compositions. The short essay, the long essay, and the research paper are emphasized. The history of American Literature is covered to develop skills in cultural literacy and appreciation, reading and vocabulary, critical thinking, analyzing, interpreting, evaluating, and writing. Book reports are required on American classics.

AP English Language and Composition (11, 12) 🏆🌞🔬💻🎓👤

Prerequisites: English I, II

AP English Language and Composition course “engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes.” This course is designed to imitate a college-level course, so much of the homework will consist of independent reading with class discussions and activities during the school day. Critical reading & analysis of different texts and non-fiction essays and passages will be the main focus of the course. It will also be concerned with preparing for the AP Language and Composition Exam given in May. We will be examining and practicing with multiple choice examples and essay prompts from previous tests throughout the year.

English IV (12) 🏆🌞🔬💻🎓👤

Prerequisites: English I, II, III

The student will perfect the writing process and review many aspects of grammar; the course will emphasize life skills: letter writing, resume and report preparation. Reading skills will be sharpened through the use of literature, both classic and modern. Skills in spelling and vocabulary will be continually developed. A research paper is required.

AP English Literature and Composition (12) 🏆🌞🔬💻🎓👤

Prerequisites: English I, II, III

Advanced Placement Literature is an upper-level English course taught at a college level with the content, approaches and expectations comparable to a college English course. This is a course which analyzes how an author makes meaning; it deals in elements of style analysis in novels, drama and poetry. The course will include intensive study of representative works from various genres and periods, concentrating on the works of “recognized literary merit.” Writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays. In the spring, students may take the Advanced Placement Exam in Literature and may receive college credit for scores of 3, 4, or 5, depending on the requirements of the individual colleges.

MATH

Algebra I (9) 🏆🌞🔬💻🎓👤

This is a traditional algebra class that reinforces basic skills students have acquired. It also provides a strong foundation in preparation for future math courses. Students are given a comprehensive coverage of real numbers and linear relationships, including equations, inequalities, graphs, and systems. Topics also include operations with polynomials, factoring polynomials, simplifying radicals, and graphing quadratics.

Geometry (9–11) 🏆🌞🔬💻🎓👤

Prerequisite: Algebra I

New material in mathematics is introduced using algebra skills in the context of geometry. Content of the course includes congruent and similar figures, transformations, triangle relationships, measurement in a plane and in space, the study of circles, and an introduction to trigonometry. Students will progress from informal arguments to more formal presentations and proofs.

Accelerated Geometry (9-10) 🏆🌞🔬💻🎓👤

Prerequisite: Approval from Algebra I teacher

New material in mathematics is introduced in the context of geometry. Course content includes congruent and similar figures, transformations, triangle relationships, measurement in a plane and space, properties of area and volume, study of circles, and an introduction to trigonometry. Students will progress from informal arguments to more formal proofs including: paragraph, two-column, flow, and coordinate proofs. Students will use the knowledge they gain to complete various geometry related projects throughout the year. This course is designed to be more in-depth, and accelerated, than regular geometry so students will be prepared for future AP classes.

Algebra II (10-12) 🏆🌞🔬💻🎓👤

Prerequisite: Algebra I and Geometry

Students in this course review, extend, and make application of many of the concepts learned in Algebra I. In addition to linear and quadratic relationships, students will also explore radical, polynomial, rational, exponential, and logarithmic ones. Complex numbers are introduced, as are conic sections and sequences & series. Graphing calculators are used on a daily basis in this class to explore and increase student understanding. This is a necessary college preparatory course that covers material found on the ACT, SAT, and in college algebra courses. It also provides a strengthening of mathematical reasoning and thinking skills needed by those who plan on pursuing other post-secondary training, as well as those who will go straight into a career following graduation.

Accelerated Algebra II (10-11) 🏆🌞🔬💻🎓👤

Prerequisite: Algebra I and approval from Geometry teacher required

While Algebra II is a required course meant to prepare students for higher level math courses in high school and college, this Accelerated course is specifically designed to prepare students for future success in AP Calculus. Our main goal is to build a strong mathematical foundation while also considering how algebraic concepts are used in the world outside the math classroom. All Algebra II objectives are covered as relationships are explored from a verbal, numerical, analytical, and graphical perspective. Graphing calculators are used on a daily basis and projects assigned throughout the year require students to make application of the skills they have learned.

Algebra III (11-12) 🏆🏆🌞🔬💻🎓👤

Prerequisite: Algebra I, Geometry, Algebra II

A high school math course that builds on Algebra I and Algebra II concepts and prepares students for higher mathematics. The course covers polynomial, rational, exponential, and

logarithmic functions, as well as systems of equations, matrices, and complex numbers. Students study sequences and series, conic sections, and advanced graphing techniques, along with trigonometry skills like sine, cosine, tangent functions, trig identities, and graphing. Emphasizing problem-solving and critical thinking, Algebra III equips students with the skills needed for success in higher education and beyond.

Introduction to Statistics & Probability (11-12)

A course option for students who have completed Algebra II. This course prepares students for postsecondary careers and college courses by building statistical literacy and understanding key concepts like data analysis, probability, and inference. Students explore variability, sampling, categorical and quantitative data, random variables, and bivariate data. The course emphasizes how to ask statistical questions, collect relevant data, analyze results, and make informed decisions. It provides essential skills for college and career readiness.

AP Precalculus (11-12)

Prerequisite: Algebra I, Geometry, and approval from Algebra II teacher required

AP Precalculus prepares students for other college-level mathematics and science courses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. The course framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

AP Statistics (12)

Prerequisite: AP Precalculus

The purpose of the Advanced Placement course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data.

Students are exposed to four broad conceptual themes:

1. **Exploring Data:** Describing patterns and departures from patterns
2. **Sampling and Experimentation:** Planning and conducting a study
3. **Anticipating Patterns:** Exploring random phenomena using probability and simulation
4. **Statistical Inference:** Estimating population parameters and testing hypotheses

Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course.

AP Calculus (AB) (12)

Prerequisite: Algebra I, Geometry, Algebra II

This course covers all the topics listed in the Calculus AB Course Description as provided by the College Board. The first semester focuses on differential calculus and the second semester focuses on integral calculus. In preparation for the AP exam we spend the four weeks prior to the test reflecting on all the calculus we have covered in order to improve our view of it as a coherent body of work. Graphing calculators are required and used extensively in this course. Class activities encourage students to communicate mathematics both orally and in well-written sentences as they discuss and explain their reasoning and solutions.

Students are encouraged to take the AP exam at the end of this course in order to try and earn college credit for Calculus I. This course prepares students, regardless of their exam score, for success in whatever math course they take during their first year of college.

SCIENCE

Biology I (9,10) 🏆🌞🔬💻🎓👤

This course is designed to give students a basic understanding of plant and animal life. The primary focus of the class will deal with processes, structural organization and relationships to living concepts. This course will be taught through a variety of methods including lecture and discussion, presentations, research papers and laboratory activities.

Accelerated Biology I (9-10) 🏆🌞🔬💻🎓👤

This course is designed to give students an in-depth understanding of plant and animal life as it covers the same content as Biology I but goes more in-depth with labs and activities. The primary focus of the class will deal with processes, structural organization and relationships to living concepts. This course will be taught through a variety of methods including lecture and discussion, presentations, research papers and laboratory activities.

Physical Science (9-10) 🏆🌞🔬💻🎓👤

This is a full-year laboratory course aligned to the Oklahoma Academic Standards. Through this course, students will study the principles of chemistry and physics that include matter, energy, the structure of atoms, chemical reactions, motion, and forces. This course fulfills the physical science requirement for graduation.

Chemistry (10-12) 🏆🌞🔬💻🎓👤

Prerequisite: Biology I

Students will explore the basic building blocks of matter, investigating the quantum structure of atoms, how that structure determines properties and the organization elements on the Periodic Table. They will investigate how atoms interact, bond, and create larger structures with predictable behaviors. Students will investigate basic techniques to quantify various properties and chemical interactions and of predicting outcomes of chemical and physical changes. Students will also apply measurement, observation, statistical, and technological skills while investigating chemical concepts. Evidence and experimental data will be analyzed for reliability and possible sources of error. The use of well-designed, memorable laboratory experiences will facilitate this application of scientific knowledge and methodology and is essential in helping students to analyze the content critically.

Accelerated Chemistry (10-12)

Prerequisite: Biology I

Accelerated Chemistry I is a first year, lab intensive course. In one year the course covers the content in Intro to Chem. and Chem. I. It starts with the Scientific Method, Measurements and the Metric System in the introductory chapters. Next the course goes in depth into Elements and Compounds, the Atom and its history and then the course fully develops both 'The Bohr Model' and 'The Quantum Model'. After the atom is established Accelerated Chemistry I goes into Light, Electrons and Energy levels followed by the Periodic Table and its trends. Then the course covers Bonding, Chemical Reactions, Mole Concept, Stoichiometry, States of Matter, Solutions, Gases, as well as Energy, Reaction Rates, Equilibrium, Redox and Electrochem.

AP Chemistry (11-12)

Prerequisite: Algebra II and Accelerated Chemistry 1 with Teacher Approval

Advanced Placement Chemistry is a College Level Chemistry. It covers both Semesters 1& 2 of University Inorganic Chemistry. The criterion for the course is dictated by the "College Board". The course covers everything in Chemistry 1 & 2 while taking Chemistry to a higher cognitive level. The lab portion of this course is completed in and outside of class time. This is due to the time factor required because of the shelf life of the mixed chemicals. Therefore some mornings and lunchtimes are utilized. Also this course has a higher mathematics requirement. During the first week in May you will be able to take a National Exam that can earn you up to 9 College Credit Hours.

AP Physics I (10-12)

Prerequisite: Successfully completed Geometry with a B and concurrently enrolled in Algebra II

AP Physics I is an algebra-based course that covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, and power, mechanical waves and sound. It will also introduce electricity and magnetism, electric circuits, and thermodynamics. Laboratory investigations will encourage students to develop investigative and analytical skills and will comprise at least one quarter of the course. The course employs mathematical relationships extensively. This course is recommended for students pursuing careers in medicine, science, engineering, and other related careers. A passing grade on the AP Physics I exam may earn college credit.

AP Biology (11-12)

Prerequisite: Successful completion of Biology and Chemistry with teacher approval

This course is designed to be the equivalent of a college introductory biology course taken by biology majors. College credit can be earned by achieving a 3 or higher on the AP Examination to be given in May of each school year. Primary emphasis in an AP Biology course should be on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. Three areas covered are Molecules and Cells, Heredity and Evolution, and Organisms and Populations.

The AP Biology course includes 12 AP College Board approved laboratory activities that will be performed. In addition, other lab activities may be included to further student understanding of the major concepts covered in AP Biology.

Anatomy and Physiology (11-12) 🏆🔬💻🎓👨🔬

Prerequisite: Successful completion of Biology and Chemistry

This course studies the structure, functions, and interactions of the various organ systems in health and disease. Emphasis is placed on behaviors that lead to sickness or health. This course is ideal for students interested in health professions or just living as healthy a life as possible. Note: Course content is occasionally graphic or explicit.

Forensic Science (10-12) 🏆🔬💻🎓👨🔬

Forensics is designed to give students a basic understanding of forensic science and investigation. Students will learn how to observe, collect, analyze, and evaluate evidence found at crime scenes. They will also focus on the correct way to record/log data. The topics covered are fingerprint analysis, bloodstain pattern analysis, and crime scene analysis. Analyzing case studies will play a large role in this course as well. The conclusion of the course will include the analysis of a crime scene.

Earth Science (10-12) 🏆🔬💻🎓👨🔬

Ever wondered how mountains form, storms develop, or stars shine? In this course, students will explore the mysteries of our planet and the universe around it. Throughout the year, students will dive into geology, meteorology, oceanography, and astronomy, learning how Earth's systems connect and change over time. Interactive labs, projects, and real-world applications make this a dynamic course for curious minds eager to explore how our planet works.

Environmental Science (10-12) 🏆🔬💻🎓👨🔬

In this course you will get an introduction into the study of the natural world and how it is influenced by human activity. This course is where your biology and physical science courses work together to examine the scientific concepts behind natural phenomena and resource cycles, explores how we utilize these systems and our impact, and potential solutions for the resulting consequences of resource management. This is a year long course with 5 major units:

Earth's Materials and Systems, Interdependent Relationships and Dynamics of Ecosystems, Human Impacts on Biodiversity and Earth Systems, Natural Hazards and Sustainability, Natural Resources, Global Change Over Time.

AP Environmental Science (11-12) 🏆🔬💻🎓👨🔬

Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.

SOCIAL STUDIES

Oklahoma History (9) 🏆🌞🔬💻🎓👤

One Semester

This course examines the geographical, social, and historical foundations of our state. The course will cover the prehistory of the area through the modern development of the state of Oklahoma. Emphasis in the course will be placed on the study of the people, economic development, political issues, educational and technological advancements, and social problems that have shaped our state.

World History (10) 🏆🌞🔬💻🎓👤

This course is a survey of the history of the modern world, beginning with an overview of world religions and philosophies, followed by extensive study of historic eras from the Renaissance to the 21st century. Students will explore the political, social, cultural and economic developments of the past in order to help them gain an understanding of the world today. Students will be engaged in frequent interpretation of historical documents and analysis of primary sources through writing.

AP World History (10-12) 🏆🌞🔬💻🎓

Teacher approval required

This is a full-year social studies that requires teacher approval. The purpose of the AP World History class will be to develop a greater understanding of the evolution of global processes and contacts in different societies. This is a college level course that will cover the changes in global organizations, causes and consequences, as well as compare major societies around the world. More specific themes will provide further organization to the course, and provide detail to the field of world history. This class will require additional time by the student spent in preparation each day for class. Students may be expected to complete a summer reading assignment. All students will take the national AP exam in May. The AP test usually costs about \$100.

AP Human Geography (10-12) 🏆🌞🔬💻🎓

Immerse yourself in AP Human Geography by investigating population trends, exploring diverse cultural landscapes, and identifying spatial patterns across various scales. From bustling cities to rural areas, you'll embark on a journey of discovery as you examine the diverse interactions that people have with the environment. All students will take the national AP exam in May. The AP test usually costs about \$100.

U.S. History (11) 🏆🌞🔬💻🎓👤

This is a required year-long course for junior level students. The course begins with a brief review of the sophomore-level U.S. History course and culminates with the state-mandated End of Instruction exam. Students will examine the causes, events, and effects of World War I; describe the social, cultural, and economic events between the World Wars; analyze the Great Depression; investigate the causes, events and effects of World War II; and assess the foreign and domestic policies of the United States since World War II. This course will cover information through the 1980s, including the Cold War, Korean War, the Vietnam Era, Nixon's Watergate scandal, the political and economic effects of the 60s and 70s, and the conclusion of the Cold War in the

1980s. Additionally, historical events from the 1990s and the new millennium will be examined. Students will additionally continue to broaden their understanding of document analysis.

AP U.S. History (10-12) 🏆🌞🔬💻🎓

Teacher Approval required

This class is a full year, elective social studies class for senior level students, but juniors may take this class in place of the junior level U.S. History. AP U.S. History covers all relevant historical material from the discovery of North America through modern day. This is a college-level course designed to provide students with the analytical skills and factual knowledge necessary to deal with the problems of and material in American history. Students will learn to assess historical materials, its relevance to a given problem, and its reliability and importance. All students enrolled in this class will also learn to write informative, persuasive and credible historical essays and complete college-level multiple choice tests. Students will be expected to both complete a summer reading assignment and take the national AP exam in early May. The AP test usually costs no more than \$100. Other possible expenses include optional review manuals, flash cards, or practice tests.

Government (12) *Semester long* 🏆🌞🔬💻🎓👤

This course provides the students with the study of government in the United States. It is designed to help students develop an understanding of the process of the federal, state and local governments. Each student will develop an appropriate sense of citizenship as participants in our democratic society.

TECHNOLOGY

Fundamentals of Technology (9-12) 🏆🌞🔬💻🎓👤

This course will provide students with the fundamental concepts, principles, and ideas needed to understand how business is operated and managed in a rapidly changing global environment, which is needed for success in business-related careers. This course also provides job readiness skills and soft skills that are critical for success in any workplace setting. Essential skills in basic word processing, spreadsheets, database, and presentation software will be developed.

Administrative Technology (10-12) 🏆🌞🔬💻🎓👤

This course builds on core business skills and will provide students with the concepts, principles, and attitudes needed to understand how an office is operated and managed in a rapidly changing global environment. State-of-the-art personal computing is integrated throughout the course.

Photography (9-12) 🌞🔬💻🎓👤

This course will help students become well rounded in the fundamentals of digital photography. Five areas of instruction will be emphasized: How cameras work, how composition works, how lighting works, how to use photo editing software, and how to combine these images with color and type to create high-impact layouts.

Computer Programming (9-12) 🌞🔬💻🎓👤

In this introductory course, students learn basic programming concepts through a series of hands-on projects. They also learn about software development careers, the software development process, and industry best practices.

AP Computer Programming (11-12) 🌞🔬💻🎓👤

Prerequisites: Algebra I and received B or higher, Computer programming from 8th grade or later with B or higher, and enrolled in Geometry or higher math.

This year-long, College Board-approved AP course introduces students to computer science with an emphasis on programming in Java. Students will learn to design and implement solutions to real-world problems, using object-oriented programming principles such as classes, methods, and inheritance. Topics include algorithm development, data structures, and the analysis of computational complexity. Through engaging projects and hands-on coding, students will develop critical thinking and problem-solving skills essential for success in STEM careers. The course prepares students for the AP Computer Science A Exam, offering the opportunity to earn college credit. This course requires a commitment to independent learning and perseverance in problem-solving.

AP Computer Science Principles (10-12) 🏠🌞🔬💻🎓👤

Prerequisites: Algebra I and received a B or higher, enrolled in Geometry or Algebra 2; no prior programming experience required.

This year-long, College Board-approved AP course offers a broad introduction to computer science, focusing on creativity, problem-solving, and the real-world impact of computing. Students will explore foundational topics such as programming, data analysis, algorithms, cybersecurity, and the societal impacts of computing. Using a collaborative and project-based approach, students will learn to create computational solutions and digital artifacts that address real-world problems. The course emphasizes computational thinking and the development of skills such as abstraction, communication, and collaboration. Students will complete the **AP Computer Science Principles Exam** and the **Create Performance Task**, providing the opportunity to earn college credit while gaining practical and transferable skills in computer science. **This course is designed for students of all backgrounds and interests, fostering creativity and innovation in a supportive learning environment.**

Yearbook (9-12) 🌞🔬💻🎓👤

Teacher approval and application with references required.

Students will collect accurate information, take and identify quality photographs, design layouts, write copy, create artwork, merchandise and sell ads and yearbooks, and meet all deadlines in order to produce a quality yearbook using Josten's. Applications will be available in the counselor's office and the yearbook room in the spring. Students will be required to attend, take pictures and cover events outside of the regular school day. Students will be required to sell ads, which may require leaving campus at specific times during the school year. Students will be

required to be on campus during August to process and distribute the yearbooks. There is a limit on the number of students who may enroll in this course; therefore, students must complete the application process in the spring. Incomplete applications will not be considered. Students must be [highly motivated and driven to work independently with guidance from editors](#). ***This class is not available to seniors who would enter the class for the first time. If you are selected you must be willing to devote the entire year to this class. Seniors taking concurrent classes will not be accepted during mid-semester.***

Elementary Yearbook (9-12)

Teacher approval and application with references required.

This course requires students to be responsible, respectful, and self-motivated. Students must be able to drive themselves or arrange transportation with another student who has driving privileges. Punctuality and reliability are essential, as students are expected to meet scheduled appointments with minimal supervision. Students should be comfortable working with young children and interacting professionally with teachers and staff. While on elementary campuses, students must maintain a quiet, respectful presence and avoid disrupting the learning environment. In addition to photography, students may assist with organizing, labeling, and editing photo submissions for the yearbook. This course is ideal for students interested in photography, Adobe Photoshop, graphic design, or education and who are looking to gain hands-on experience in a real-world setting.

Digital Media (9-12)

From breaking news to viral posts and podcasts, digital media is everywhere. In this course, students will dive into how media influences our world and learn how to become skilled, responsible creators. Students will experiment with news writing, social media design, and podcast production while exploring how messages are crafted and shared. Creativity, collaboration, and critical thinking will guide students as they build their own digital voice.

FOREIGN LANGUAGE

Spanish I (9-12)

This course provides a basic understanding of the Spanish language through listening, speaking, reading and writing instruction. Besides the emphasis on language skills, the course develops an appreciation of the civilization, culture and customs of Spanish-speaking people. The course is designed for beginners or students with less than two years of foreign language study in middle school. A minimum grade of "C" in English is recommended.

Spanish II (9-12)

Prerequisite: Spanish I

This course is designed to further develop students' Spanish skills. Students refine their grammar usage through continued review of basic structures and vocabulary and by expanding their spoken Spanish skills through real life situations and conversations.

Students will continue developing an appreciation of the Latino culture. A minimum grade of “C” in Spanish I is recommended.

Accelerated Spanish II (9-12) 🏆🌞🔬💻🎓

Prerequisite: Teacher Approval

This course is designed to continue development of Spanish skills at a more advanced pace and a more in-depth level than Spanish 2. Students who enroll in PreAP are strongly considering taking advanced coursework in Spanish (PreAP Spanish 3/AP Spanish 4). Students improve and expand upon their listening, reading, writing, and speaking skills through real life situations and conversations. Students will also continue developing an appreciation and understanding of Spanish-speaking cultures. A minimum grade of “B” in Spanish I is recommended.

Accelerated Spanish III (10,11,12) 🏆🌞🔬💻🎓

Prerequisite: Spanish II

This course is designed to increase students’ cultural competence and to build his/her writing, reading, speaking and listening skills in the target language. Students will work on improving their spoken Spanish skills in fluency, comprehensibility, vocabulary and syntax. The course involves higher level thinking and helps prepare students for AP Spanish. A “B” average in Spanish I and II is recommended.

AP Spanish (11,12) 🏆🌞🔬💻🎓👤

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

FINE ART

Marching Band (9-12) 🌞🔬💻🎓👤

Students enrolled in Band at PHS are auditioned for participation in the “Pride of Piedmont” Marching Band. Following marching season all students will audition for placement in Symphonic Band or Wind Ensemble. The marching season begins in late July and extends through football season. Summer conditioning practice will occur once a week during the summer. These conditioning practices are not required, but are highly recommended. Students are required to attend the preschool marching rehearsals (Band Camp) starting in late July. Early morning (before school) and after school rehearsals will be held daily throughout the marching season and attendance is required.

Jazz Band (9-12) 🌞🔬💻🎓👤

This course is designed for our students that wish to perform in the PHS Jazz Band. Time will be spent not only in rehearsing the Jazz Ensemble but also for teaching the techniques of jazz such as improvisation and style. All students who wish to participate in this course must audition for the band music staff for ensemble selection prior to enrollment. We will perform in various jazz festivals around the state as well as in the OSSAA State Jazz Band competition. There will be required performances on evenings and weekends as scheduled in advance by the director.

Vocal I (9-12) 🌞🔬💻🎓👤

Vocal Music is a class for those students that wish to learn the basics of music theory and sight-reading, and who have the desire to apply that knowledge to prepare and perform music of different styles. In the spring there are district and state competitions that students are encouraged to compete in for solo/ensemble experience. Two large concerts are performed each year for parents and the community, one in the fall and one in the spring. There is little to no financial obligation with this course.

Honors Vocal (9-12) 🌞🔬💻🎓👤

Honors Vocal is a year-long, audition only, performance class that competes in competitions in-state and out-of-state. Students are requested by the community to perform for various events throughout the year. Students also audition for State Honor Choirs such as OCDA, COCDA and All-State. A financial obligation is required of the students for robe fees, t-shirts and competitions. Fund-raisers are provided to relieve financial pressure. Students audition each spring to gain membership to be in this choir for the upcoming year. The audition consists of sight-reading, performing the National Anthem and taking a written theory test. This ensures the most elite, dedicated and devoted students are members of this choir.

Piano Methods (9-12) 🌞🔬💻🎓👤

This class is for students who are serious about and would like to learn to play the piano. Students will learn proper hand positioning, playing technique, note names, and basic piano skills. Students will perform a Christmas and Spring recital for their families for a required Test grade.

Art I (9-12) 🌞🔬💻🎓👤

A course focusing on the study of the two-dimensional areas of art. These areas include drawing, painting, and design. The student will demonstrate the fundamental use of the Elements of Art and the Principles of Design through various projects that promote creative thinking, problem-solving, and the practice of technical skills. Art I is the first high school art course which gives the student a broad scope into the production, aesthetics, criticism, history, and careers in the visual arts.

Art II (10-12) 🌞🔬💻🎓👤

Prerequisite: Art I

Art II is a continuation of Art I with a review and application of the Elements of Art and the Principles of Design. Art II focuses on the exploration of different media and techniques of

creating art. The students will explore more diverse styles of art and subject matter using more advanced materials, as well as an introduction to three-dimensional art.

Advanced Art (11-12) 🌞🔬💻🎓👤

Prerequisite: Art I and Art II

Advanced Art is a continuation of Art II/Art III with the students using their knowledge of the Elements of Art and the Principles of Design to experiment with their own creative style and conceptual ideas. Students will examine the work of the masters throughout history to assist in the development of their own style of art. Advanced materials will be used including the use of acrylic and oil paint, clay and glazes, and canvas.

AP Art (11-12) 🌞🔬💻🎓👤

Prerequisite: Teacher approval

Students will work with the PHS Art Instructor to determine which AP discipline they will focus on. Students will be required to develop and submit a portfolio to the College Board to be evaluated for college credit. Students must be selected by PHS Art Instructor to participate in the course. AP Art options: 2-D Art and Design, 3-D Art and Design, and Drawing.

Introduction to Speech and Debate (9-12) 🌞🔬💻🎓👤

Intro to Competitive Speech and Debate is a beginner course that introduces the different speech and debate events available for students to compete in through OSSAA tournaments. They will be introduced to the acting skills needed to participate in events such as standard oratory, dramatic and humorous interpretation, poetry, prose, monologues, informative speaking, and oral interpretation. Students will be required to present different pieces they select to the class. Students will also learn about competitive debate. In this course we will cover argumentation skills, logical thinking skills, research skills, communication skills, and multiple formats of debates. This course will study Public Forum, Lincoln-Douglas, and Cross-Examination/Policy debate formats. Students participate during in-class debates against their classmates. Participation with the PHS Competitive Speech/Debate Team is optional.

Advanced Speech and Debate (10-12) 🌞🔬💻🎓👤

Prerequisite: Introduction to Speech & Debate and Teacher Approval

This course is designed for students who are interested in the advanced development of acting and debate skills for the purpose of competing in OSSAA acting, oral interpretation, speaking, and debate events. Students will also earn membership in the National Speech and Debate Association (NSDA). Students will expand their knowledge of different competitive speech events including standard and original oratory, dramatic and humorous interpretation, poetry, prose, monologue, dramatic and humorous duets, informative speaking, and oral interpretation. Competitive Debate covers in-depth analysis of debate topics, argumentation skills, and research skills. Students will participate in practice debates in class and prepare cases for competitions. Students will compete in various debate events including: Lincoln-Douglas debate, Public Forum debate, and Cross-Examination/Policy debate. This course will also cover foreign and domestic extemporaneous speaking. Participation with the PHS Competitive Speech/Debate Team is **REQUIRED**.

Acting I (9-12) 🌞🔬💻🎓👤

This course is an introduction to acting class. We will work on character development, reading and critiquing scripts, acting techniques to include Stanislavski's method acting. The students will perform several times for their class for test grades. Students should be prepared to memorize large portions of scripts. Additionally, students will learn the basics of improvisation and will have opportunities to learn and play improv games.

Advanced Acting (2nd, 3rd, and 4th year acting) 🌞🔬💻🎓👤

Prerequisite: Acting I

Advanced acting will allow students the opportunity to further develop their acting skills. They will be given much longer and more complex materials to memorize, analyze and perform for their peers. Additionally, we will look at some of the history of theatre and at classic plays to include Shakespeare, Chekov and more. During this course, students will learn how to perform a competitive one act and will continue to work towards joining and competing in one act competitions. At the end of each semester, students will perform a showcase for family, friends, and the community.

Stagecraft I (9-12) 🌞🔬💻🎓👤

This is an introduction to the technical side of theatre to include sets, costumes, props and more. Students will be given the opportunity to design sets and costumes for a show. Additionally, they will learn the basics of tools used to construct sets for a production. Stagecraft is a class created to develop and build specific skills within the technical theatre crafts to also include scene shop safety. Students will receive hands-on instruction to use tools such as drills, hammers, and much more.

Advanced Stagecraft (10-12) 🌞🔬💻🎓👤

Prerequisite: Stagecraft I

Advanced stagecraft is for students who have successfully completed Beginning Stagecraft and want to further build on their skills of design and construction. Students will enter the class with the basic knowledge of safety, design, and construction. Students will be given the opportunity to work in the scene shop on set building for current or future shows. Students will be expected to build on their design and research skills for set design. Additionally, students will get to learn about design of stage lighting, stage makeup design and application, and sound design.

Theatre Appreciation/Musical Theatre (9-12) *Semester long courses* 🌞🔬💻🎓👤

The purpose of Theatre Appreciation is to familiarize students with the basic elements of plays and productions and to help students develop the analytical skills to think, speak and write critically about the theatre. Students will learn the history of theatre and read/watch both plays. *Musical Theatre Appreciation* familiarizes students with the basic elements of musical productions and to help students develop the analytical skills to think, speak and write critically about musical theatre. Students will learn the history of musical theatre and read/watch musicals.

ELECTIVES

Accounting I (10-12)

Students will learn the basics of record keeping. This course covers traditional accounting procedures. The student will manually complete journals and financial statements. Activities will emphasize the procedures related to owning a small business.

ACT Prep(11-12)

This course is designed to help students prepare for success on the ACT by strengthening the academic skills and test-taking strategies needed across the English, mathematics, reading, and science sections of the exam. Students will engage in targeted practice, analyze test questions, review key content and concepts, and develop strategies for time management and effective problem-solving. Through practice assessments and personalized reflection, students will identify areas for growth, monitor their progress, and build the confidence needed to perform at their highest potential on the ACT.

Active Outdoor Lifestyles (9-12)

This class will focus on the health and well-being of teenagers, encouraging them to become active in the outdoors. This class has many exciting facets to its extremely popular activities. Activities Include: Fishing, Archery, Camping, Fly Fishing, Health and Nutrition, Outdoor Cooking, Entrepreneurship, First Aid, Water Safety, Boating Safety, Knot Tying, Hunter Education Certification, Outdoor Sports, and many other topics related to the outdoors. The grades are built on participation and assignments due each week. Tests are given on the subject matter to ensure students retain the information. Each year the class will have a culminating experience by going on an all-day fishing trip. The class will fish and cook their own meals for lunch. Many students who may not participate in a normal sports environment will develop hobbies that will last a lifetime.

African American Studies (10-12)

History with a focus on the struggles and triumphs of minorities of all types throughout American History, and relating it to where we are currently and the work that still needs to be done in this area. The class would spend time covering African-American History, with a focus on the period from Reconstruction to the present day, as well as exploring the history of other minorities in the United States.

Agriculture Communications (10-12)

Prerequisite: Introduction to Agriculture

This class prepares students to learn journalism, communication, and broadcasting principles to the development, production, and transmission of agricultural information. The class teaches students basic journalism, broadcasting, film/video, and communication techniques; the production of technically specialized information products for agricultural audiences; and the principles of agricultural sciences and business operations needed to develop and communicate agricultural subject matter in an effective way.

Creative Writing (9-12)

Unlock your creative potential in this comprehensive Creative Writing Workshop, designed to hone your skills across the three major genres of literature: poetry, fiction, and drama. This portfolio-based course emphasizes the development of a diverse body of work through a series of writing assignments and projects. By the end of the course, students will have a well-rounded portfolio and a deeper understanding of their own creative process, preparing them for further studies or careers in writing.

Culinary Arts (9-12)

This course is an introduction to the history of food service and kitchen fundamentals such as safety, sanitation, kitchen equipment and kitchen basics. Nutrition as it relates to food preparation is also covered. The ServSafe certification by the National Restaurant Association may be taught/obtained during this course. Students learn preparation and quantity food production skills in breakfast foods, sandwiches, salads, garnishes, fruits, vegetables, potatoes and grains. Students will learn proper terminology and use of equipment applicable to the preparation of these foods. The importance of teamwork in the food service environment is also emphasized. **Students are required to pay a \$30 fee to take this course.**

Advanced Culinary Arts (10-12)

Prerequisites: 1 year of Culinary Arts & teacher approval required

This one-year course is designed for second year Culinary Arts students who will be continuing their education in safety, sanitation, nutrition, professional grooming, and food preparation techniques and procedures. The course will also cover career opportunities, employability skills, customer service, food costs, and inventory controls. Students at this level will engage in a hands-on food service operation and will be rotated through all the jobs. Emphasis will be on quality food preparation, teamwork, developing a critical palate, and researching current culinary trends. **Students are required to pay a \$30 fee to take this course.**

Current Events/Great Books (9-12) *Semester long courses*

Current Events will use up-to-date events that focus on world and local issues that affect students' everyday lives, such as economics, government, and conflict. We will use news programs, written journalistic pieces, websites, online media, and documentaries to support class discussions and assignments. This course is designed to help students become aware of and understand the events that shape our world, nation, state, and local area.

Great Books focuses on encouraging independent reading through activities such as book talks, reading diaries, and independent reading time, while also connecting reading to students' lives and interests. Course goals include improving reading habits and attitudes, increasing reading frequency, and fostering a love for reading.

FACS Basic (9-12)

This course is designed to provide students with basic information and skills needed to function effectively within the family and a changing, complex society. In this course, emphasis is given to the development of competencies related to career exploration, relationships, communication and conflict resolution, designing personal space, basic sewing

skills, clothing selection and care. Upon completion of this course, the student will have developed basic life skills that promise a positive influence on the quality of life and will take an end of instruction test.

Lifestyle Fitness for Girls (female non-athletes only; 9-12)

Girls fitness is a safe, comfortable environment for you to push yourself physically and mentally. Girls fitness will consist of a variety of workouts from pilates, zumba, and more. This unique class fosters a sense of community and friendships. Students will learn a sense of empowerment within yourself and will push for your classmates' success too. Students will gain confidence, get stronger, and end the year with a sense of accomplishment.

Horticulture (10-12)

Prerequisite: Introduction to Agriculture

This course examines the science of plants and growing plants. Horticulture prepares students for careers and continuing education in the growing field of plant production and greenhouse management. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Human Growth and Development (10-12)

This course is a study of the development of the individual from conception through adulthood. Theories and factual content underlying current thinking and research are examined, as well as the processes and influences affecting the developing person. The focus is on biological, social, emotional, and intellectual aspects across the lifespan, and individual application is emphasized.

Introduction to Agriculture (9-12)

This course is an introductory course designed to expose students to different opportunities available through FFA and the agriculture industry. Students will gain knowledge in animal science, plant science, land science, leadership skills, public speaking, FFA opportunities, and agricultural mechanics. Instruction and student learning will occur through lectures, student projects, group discussions, hands on experiences, FFA experiences, CDE participation, and their SAE program.

Introduction to Aviation (9-12)

The course will provide the foundation for advanced exploration in the areas of flying and unmanned aircraft systems. Students will learn about engineering practices, problem solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will also learn about the wide variety of exciting and rewarding careers available to them. The course will inspire students to consider aviation and aerospace careers.

Aviation II (10-12)

This course will introduce students to basic aircraft and UAS structures and their major components, principles of flight, and the fundamental physical laws affecting flight. Students

will learn about basic aerodynamics and forces that act on aircraft in flight. This course will also introduce the main systems found on large and small airplanes and UAS.

Aviation III (11-12)

Pilot Pathway: This course will include topics such as: pilot and aircraft qualifications, principles of flight, aerodynamics, spin awareness, flight maneuvers, pre- and post-flight procedures, airport operations, regulations, safety, weather, aircraft systems, weight and balance, human factors, cockpit management, emergency procedures, night operations, aeronautical decision-making, cross-country flight planning, airspace, and other topics that help prepare students for the Federal Aviation Administration's Private Pilot written exam.

UAS Pathway: This course is an introduction to the fundamental concepts of unmanned aircraft systems. Topics include: small unmanned aircraft systems regulations, airspace classification and operating requirements, flight restrictions affecting small unmanned aircraft operation, safety protocols, weight and balance, operating environments, aviation weather sources and effects of weather (micro-meteorology) on small unmanned aircraft performance, small unmanned aircraft loading and performance, emergency procedures, and crew management. Students will be prepared to complete the Federal Aviation Administration's Part 107 Remote Pilot written exam upon completion of this course.

Aviation IV (12)

Pilot Pathway: After having prepared for the Private Pilot Knowledge Test and Part 107 Remote Pilot Test in the previous year, students will examine advanced aviation topics and aviation career options. Instrument flight, commercial aviation, and advanced aircraft systems begin the semester. Looking into the future, students then explore new horizons in the aerospace industry. What might aviation look like five, ten, or twenty years into the future? The focus then turns to business development opportunities in aviation. Finally, students learn about and conduct different types of research in preparation for their capstone project in the second semester.

UAS Pathway: Practical applications of UAS operations including agriculture, public safety, photography, ethics, preventative maintenance, commerce, environmental students, and other contemporary uses will be explored. Students will work as individuals or in small groups to study and report on an approved aviation topic of their choosing. The goal of this capstone course is to allow students to demonstrate an understanding of a contemporary topic in aviation related to unmanned aircraft operations.

Introduction to Teacher Education (11-12)

This course will explore the various areas of teaching and engage in teaching exercises. This course is intended to expose students to the child development process, diversity issues, lesson planning, the variety of various learning styles, differentiated instruction strategies, and oral presentation skills.

Journalism (9-12)

Journalism presents students with the skills and information that are essential for reliable, accurate, and independent news reporting. This course addresses the fundamental skills

associated with journalistic writing, and presents students with the essential issues facing journalism today. In addition to writing, this course addresses the laws, ethics, and fundamentals of news literacy, with a keen focus on the critical thinking skills required for news judgment.

Military History/Modern US History (9-12) Semester long courses 🏳️☀️🔬💻🎓👤

Military History will begin with the Revolutionary War and lead up to the Second Gulf War. Students will evaluate and analyze the reasons behind the United States entering/joining/declaring war on their opposing foes. Then apply theory and strategy in the battlefield conflicts and the reasons for tension between both political and military leaders. Students will examine the different types of technology used in warfare and how it has evolved over the course of time. We will interpret political cartoons, battlefield maps, alliances created, and its effect on our economy. By the end of the course, you will have a deeper understanding of the reasons why our military is vital to the national security of our country and securing our freedoms that we enjoy on a daily basis.

Modern US History will explore the leading aspects of American history from the 1950's to the present. Attention is given to political issues, institutions, political parties, leadership, and diplomatic and constitutional questions; as well as economic, social, and intellectual trends. This course also focuses on what is unique in the American historical experience and relates American history to the broader global context.

Mock Trial (9-12) ☀️🔬💻🎓👤

This course provides students an opportunity to perform a trial from beginning to end. Students assume roles of attorneys and witnesses. This course will give students a basic overview of the civil and criminal system and the laws that apply to a case. Students will learn the basics of trial techniques and evidentiary procedure. Focus will be on the analysis of and preparation of an Oklahoma High School Mock Trial Program case. Many hours of research and practice are necessary. Students must research their roles, the applicable laws, the evidentiary procedures, and other aspects of the trial process.

PE (9-12) Non-Athletes ONLY ☀️👤

This course is designed to increase each student's overall strength, flexibility, muscular endurance and cardio-respiratory endurance (running). A variety of lifts and exercises will be present and proper technique and safety will be emphasized for each type of lift and exercise. Each student's progress will be charted throughout the duration of the class. A variety of games will be played during this time as well to increase activity. This class requires full participation. Athletic apparel and tennis shoes are required. Students will be graded on participation, cooperation, and will be tested over physical abilities as well as knowledge of game play.

Piedmont Partners - Peer Tutoring (11-12) Application Process ☀️🔬💻🎓👤

Students selected to be a Piedmont Partner will work in general education teachers' classrooms to assist teachers and students with subject area course material. Students must

have received an A or B in the subject area they wish to participate in, have a teacher recommendation, and complete the application process. This peer tutoring course allows students to focus on developing leadership, communication, teaching skills, and preparing students to assist their peers academically. Students will become familiar with learning styles, active listening, and strategies for providing constructive feedback. These courses are available for elective credit and may also offer community service hours.

Piedmont Leadership Class/Digital Citizenship (9-12) *Semester long courses*

PLC is a course for students of all grades to give them the opportunity to learn and hone leadership skills while helping to effect change at the high school. Designed for students who would like to have an impact on the school community as well as the community of Piedmont as a whole. *Digital Citizenship* focuses on the foundations of using computers, keyboarding, and being a responsible digital user. Topics include digital safety, computing devices, online communication, and digital wellness. Students will explore digital etiquette, the issue of cyberbullying, and how to use technology and social media positively, safely, legally, and ethically. The course also delves into a computer's hardware and software components and explains how to troubleshoot common issues. It highlights the importance of finding a life balance in a digital world.

Philosophy (9-12)

Philosophy is the study of fundamental questions about existence, knowledge, and ethics through structured reasoning and discussion. It teaches students to think critically, analyze arguments, and communicate their own views clearly. It helps students develop skills valuable for college and life, such as critical thinking, writing, and respectful debate.

Psychology/Sociology (10-12)

An overview of general *psychology* is presented in this semester-long course. The scientific method is employed in investigating areas of study, which include the following units: Approaches to Psychology; The Life Span; The Workings of Mind and Body; Learning and Cognitive Processes; Personality and Individuality; Adjustment and Breakdown, and Social Psychology. *Sociology* examines how individuals, groups, and institutions interact to make up human societies. It will cover sociological perspectives, culture, social structures, and social inequality. It will study people and the roles they play in society, both as individuals and groups. Topics of interest include: the family, education, political and economic institutions, religion, and sports. This course deals with the social atmosphere that helps to make us who we are and how we behave. The key component of this course is to study ourselves and the society that influences our behavior.

AP Psychology (10-12)

AP Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

Student Council (9-12)

Do not pre-enroll in student council. Counselors will place students from an approved list. Indicate on the enrollment form of the class you will drop if you are approved.

This class is an elective course that provides opportunities for leadership and service experience for Piedmont High School students. It promotes school spirit and morale through activities such as DUCK week, pep assemblies, dances, spirit weeks, etc. This group shows appreciation to students, faculty, and administration, and attempts to foster a sense of cooperation and community among students, and between students and faculty, as well as between the school and the local community. Stuco also brings in motivational speakers for the student body and supports various charitable and worthy causes in our school, community, state, and nation. This class will require work in class before and after school.

Office Aide (10-12) *By approval only*

Students will assist the front office with a variety of office duties, such as reception services, run errands, help with mail and supplies, and offer general support to teachers and administrators. Grade point average, behavior, teacher recommendations will be considered for placement as aide.

Weightlifting (9-12) *Athletes Only*

This course is designed to give student-athletes the opportunity to learn weight-training concepts and techniques used for obtaining strength and optimal physical fitness. Students will benefit from comprehensive weight training endurance activities. Students will learn the basic fundamentals of weight training and strength training. The course includes both lecture and activity lessons.

Wildlife Management (10-12)

Prerequisite: Introduction to Agriculture

This course introduces students to the principles of wildlife management and conservation and to opportunities for further education and careers in the field of wildlife biology. The course includes instruction in the history of wildlife management, ecological concepts, habitat assessment, habitat management techniques for wildlife, population dynamics, predator-prey relationships, wildlife species biology and identification, human-wildlife conflict resolution, the role of hunting in conservation, game and fish laws and regulations, hunter safety, and the application of scientific principles to managing wildlife habitats and populations.

ATHLETICS

The following athletic sports are offered at Piedmont High School. All require a coach's approval or tryout results to enroll in each sport.

Fall Semester Only

Girls Cross Country
Boys Cross Country

All Year Sports

E-Sports
Volleyball
Boys Basketball
Girls Basketball
Swimming
Wrestling
Baseball
Cheerleading
Pom
Football
Softball
Boys Soccer
Girls Soccer
Boys Tennis
Girls Tennis
Boys Golf
Girls Golf
Boys Track
Girls Track

E-Sports (9-12)

Enrollment in the course is pending tryouts.

The Esports program is designed to prepare students for a future career in the growing Esports arena. It will build capabilities for a variety of fields such as gaming, events management, team work, regulation, journalism, game design, social media, and marketing. The program will equip students with many multifunctional skills that translate well for a variety of career roles in Esports or elsewhere.

All participating students in athletics will also consent to random drug testing per Piedmont Public School guidelines.

CANADIAN VALLEY TECHNOLOGY CENTER

Accounting and Business Education

Provides students with technology and managerial skills needed for success in competitive business careers as well as valuable skills for college business majors.

Students choose an emphasis in accounting or administrative support.

Auto Collision Technology

Students will learn auto detailing, refinishing, structural collision repair, shop

management, and customer service. This is an I-CAR affiliate program.

Auto Service Technology

Students will focus on diagnosing and repairing passenger cars and light trucks. Students will learn brakes, steering and suspension, electrical, heat & air systems, automatic & manual transmissions, engine repair and performance. This is a NATEF certified program.

Biomedical Sciences

COWAN CAMPUS

Students will engage in relevant hands-on situations related to the human body, cell biology, genetics, diseases and other topics. Courses are supplemented by rigorous science and math courses. These courses are designed to give the college-bound student a "head-start" on challenging advanced medical studies.

Computer Aided Drafting and Design

Emphasizes communication design through 3D modeling, texturing, animating, rigging, and game design. Students gain introductory skills in traditional design software (AutoCAD, Revit, Civil 3D, Inventor). Options are offered in civil, architectural and mechanical design and drafting.

Computer Information Systems

Focuses on installation, maintenance, and repair of PCs, servers and networks. Students will build, install, configure, upgrade, diagnose, troubleshoot and repair workstations, servers and networks. Students will learn to assemble and install ethernet cabling, connect and configure switches, hubs, routers and support network communications.

Computer Programming

Learn how to write object oriented programs using various programming

languages (HTML5, JavaScript, PHP, C#, MySQL, and others) to create event-driven programs. Students will also code game engines to create computer games or other interactive applications with real-time graphics.

Construction Trades

Develop skills in current commercial and residential building techniques in frame and finish carpentry. This course includes instruction in roofing, framing, siding, doors and trim, cabinetmaking and countertops.

Cosmetology

Receive classroom instruction and hands-on training in sanitation, hair, scalp, nail and facial treatments.. Students must be 16 years of age. Pull-out academic classes cannot be taken in this program area.

Diesel Technology

Emphasis is on maintenance and repair of heavy-duty, over-the-road trucks and equipment. Learn to service and repair diesel engines, powertrain components, fuel and electrical systems, air brake systems and cab air conditioning. This is a NATEF certified training facility.

Digital Media Technology

Prepares students for video production and digital communication. Students will learn photography and digital editing. Video Production students will focus on Adobe Premiere and After Effects. Digital Communications will learn to create marketing pieces using Adobe Photoshop and

Early Care and Education

Prepares students for employment in child care occupations. Learn to care for the cognitive, social and developmental needs of children in all stages. Students will

experience rotations with children 6-weeks to 5-years of age in the on-site Child Development Center.

Electrical Trades

Students will learn about residential and commercial electrical installations. Students will learn the National Electrical Code, blueprint reading, NEC code calculations, safety, and wiring methods.

Graphic Design

Prepares students to enter the graphic design industry in a print shop or an entry level graphic artist position. Students will learn how to use Adobe design software (InDesign, Illustrator, and PhotoShop) to create and edit graphics and create print documents using composition, color, layout, illustration, typography, and more.

Health Careers

COWAN CAMPUS

Prepares students through training in core medical knowledge, anatomy, physiology, medical terminology, first aid/ CPR, communication pertaining to the health sector and nursing assistant skills. First year students will complete certified nursing assistant (LTCA) training. Second year students will learn EKG Tech and Phlebotomy and AUA training.

Heating, Ventilation, Air Conditioning, & Refrigeration

An NCCER affiliated program where students learn the fundamentals of safety, mechanics, refrigeration, electricity for HVACR, residential and light commercial air conditioning, domestic and commercial refrigeration, and sheet metal.

Precision Machining Technology

Students learn blueprint reading, math, measuring tools, and setup and operation of manual machine tools such as lathes, grinding machines, and mills.

Pre-Engineering

Pre-Engineering education combines advanced math and science with hands-on, real-world application of engineering principles. Design a city, program a robot and do other projects while learning engineering concepts.

Service Careers- Building and Grounds

Learn horticulture, landscaping, floral design, and custodial skills. Students gain hands-on experience in the on-site greenhouse, maintain the garden, and practice with equipment such as the zero-turn mower and floor buffer. Emphasis is on the development of employability skills, positive attitudes and work ethic.

Service Careers-Hospitality

Develops skills in customer service, event setup, hotel housekeeping, office cleaning, communication, teamwork and organization. Emphasis in this program is on the development of employability skills, positive attitudes and work ethic.

Welding

Obtain qualifications to become a certified welder in Shielded Metal Arc Welding (STICK), Gas Metal Arc Welding (MIG), Flux Cored Arc Welding and Gas Tungsten Arc Welding (TIG). Instruction is also given in oxy-fuel cutting and weld shop blueprint reading.

****This is not a conclusive list of programs offered through Canadian Valley Technology Center. Please ask an academic counselor for more information about the growing number of programs available.**