Piedmont High School Course Catalog

2025-2026

CLASSIFICATION

Sophomore - to have successfully completed six (6) units.
Junior - to have successfully completed twelve (12) units.
Senior - to have successfully completed nineteen (19) units.
Classification requirement must be met by the first day of classes for the fall semester.
*One unit = two semesters.

CONCURRENT ENROLLMENT

Students have the opportunity to earn college credit while still in high school with concurrent enrollment at a local university or college.

1. Students enrolled in an accredited high school may, if they meet the requirements set forth on the charts below, be admitted provisionally to a college or university in the Oklahoma State System of Higher Education as special students. After qualifying for admission, students must also qualify with a 19 or higher ACT subject area score in the corresponding subject areas of the college course for which they wish to enroll.
(The ACT and SAT scores are established by the Oklahoma State Regents for Higher Education and are revised annually, as needed.)

For OSU-OKC, Redlands Community College or any other community college:

ACT or Pre-ACT	19 composite
SAT OR PSAT	990 composite
GPA and class rank	3.0 Unweighted High School GPA

For SWOSU or any other regional university:

ACT or Pre-ACT	20 composite
SAT or PSAT	1030 composite
GPA and class rank	3.0 Unweighted High School GPA and Class Rank top 50%

For OU, OSU or USAO:

ACT or Pre-ACT	24 composite
SAT or PSAT	1160 composite
GPA and class rank	3.0 Unweighted High School GPA and Class Rank top 33.3%

2. Students must have a signed concurrent recommendation form. This form must be signed by 1.) the high school principal or counselor stating that they are eligible to satisfy requirements for graduation from high school (including curricular requirements for college admission) no later than the spring of the senior year and 2.) the parent/guardian responsible for payment of fees.

3. A high school student may enroll in a combined number of high school and college courses per semester not to exceed a full time college workload of 19 semester credit hours. For purposes of calculating workload, one half high school unit shall be equivalent to three semester credit hours of college work.

5. If a student chooses to enroll concurrently for high school credit in a required course, they will complete that credit concurrently. For example, a student enrolled in a college course for a one-semester high school elective course will not be permitted to begin the course then return to the high school mid-semester to complete the semester of credit.

6. 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. (Tuition waivers shall be granted in the amount of funds available for the program and the number of eligible applicants. The Oklahoma State Regents for Higher Education shall establish an application process and criteria for prioritizing applicants as determined by the State Regents. Contact the local college or university for information on the application process.) Many Oklahoma colleges are also providing tuition waivers for up to nine (9) credit hours for high school juniors.

IMPORTANT INFORMATION CONCERNING WITHDRAWING FROM CONCURRENT:
Students are responsible to report any changes in their concurrent enrollment status to their school counselor immediately. Failure to report withdrawal from college courses will result in severe academic and disciplinary consequences.

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 NCAA for those who have registered.

Timeline for NCAA

9th grade

- Check elgibilitycenter.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
17 total units

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)**
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)

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24 credits total

LANGUAGE ARTS

English I (9)
The subject matter presented in this two-semester course focuses on the traditional areas of grammar combined with a comprehensive study of literature and informational text. Specifically, the study of grammar includes an analysis of the parts of speech, sentence structure, usage, mechanics, and composition. The study of literature includes an examination of the short story, the epic, the drama and the novel. This course features activities including audio and video productions of selections from literature as well as creative writing experiences ranging from single paragraphs to essays and short stories, and a documented research paper.

Accelerated English I (9)

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 study the writing process and deconstruct a research paper. The study of literature can include a Shakespearean play, *To Kill a Mockingbird*, and selected works of fiction, nonfiction, poetry, and drama by prominent authors, both modern and classic.

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.

Prep for College & Career Math (11-12)
Prerequisite: Algebra I, Geometry, Algebra II

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. First semester focuses on differential calculus and 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 1 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 Pre AP 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.

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, elective 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.

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.

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 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 practice 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 (10-12)
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 PHS Art Instructor to determine which AP discipline they will focus on. Students will be required to develop and submit a portfolio to 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 Stansislavski'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.

Theater Appreciation/Musical Theater (9-12) *Semester long*
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.

The purpose of Musical Theatre Appreciation is to familiarize 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.

Active Lifestyles (9-12) *Semester long*
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 listed in the course description. 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.

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 communication 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 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 (9-12) *Semester long*
This course will use current 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.

Economics (9-12)
High school economics classes can help students understand fundamental economic concepts, such as cost-benefit analysis. Students may also analyze the American economy in a global context, and explore how the federal government affects the economy.

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 promote a positive influence on the quality of life and will take an end of instruction test.

Film Studies (9-12) *Semester long*
This course combines the art of storytelling with the fundamentals of screenwriting and filmmaking. Students will learn how to craft compelling scripts, develop characters, and structure narratives for film and television. Through hands-on projects, including writing scenes, analyzing scripts, and creating short films, students will gain insight into the creative process behind the screen.

Girls Health & Fitness (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 High Intensity Interval Training(HIIT), 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.

Health (9-12) *Semester long*
Health is a course designed to increase understanding of the different aspects of health including physical health, mental/emotional health and social health. The knowledge, attitude and skills developed as a result of this class will enable each student to make informed, educated choices that affect personal, family and community health for a lifetime. Students will also receive information concerning health related careers.

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.

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 (9-12) *Semester long*
Military History will begin with the Revolutionary War and lead up to the Second Gulf War. You will evaluate and analyze the reasons behind the United States entering/joining/declaring war on their opposing foes. You will apply theory and strategy in the battlefield conflicts and the reasons for tension between both political and military leaders. You 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 (9-12) *Semester long*
Modern US History will deal with 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.

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.

PLC - Piedmont Leadership Class (9-12) *Semester long*

This 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.

Psychology/Sociology (10-12)
An overview of general psychology is presented in this full-year 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 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 moral 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)
Students will assist front office with a variety of office duties. 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. 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 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, reginishing, 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 lean 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 (AudoCAD, 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 an

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 ae 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.