Piedmont High School Course Catalog 2019-2020

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GRADUATION REQUIREMENTS

Standard Diploma *College Preparatory Curriculum	**Diploma of Distinction** *College Preparatory Curriculum
4 units English	4 units English
3 units Social Studies	4 units Social Studies
3 units Mathematics	4 units Mathematics
3 units Science	4 units Science
1 unit Business	1 unit Business
2 units Technology OR 2 units Foreign Language	2 units Foreign Language
8 units Electives	7 units Electives
*Fine Arts embedded in English	*Fine Arts embedded in English
24 units Total	**26 units Total**

A. All students must be enrolled in no less than seven (6) hours a day.
B. No more than four (4) units of music (band or vocal) may be applied toward the 24 units required for graduation.
C. Concurrent enrollment is available at Piedmont High School in accordance with Oklahoma state law.
D. Any request for early graduation will be directed to the building principal.

VALEDICTORIAN SELECTION

Beginning with graduating class of 2008-2009, the honor of high school valedictorian will be bestowed on the student(s) who accomplish the following:
A. Complete course work to satisfy the requirements for a diploma of distinction.
B. Complete a minimum of three (3) advanced placement (A.P.) classes earning a grade of no less than a B each semester.
Of the three (3) A.P. courses completed, the courses must be from at least two (2) different disciplines of study; i.e. science, mathematics, language/art, and social studies.
Examples: two (2) A.P. sciences and one (1) English
or one (1) history and two (2) English
or one (1) art, one (1) Spanish, one (1) science
not two (2) English and one (1) art
C. Complete all other non AP course work earning no grade less than an A each semester.

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 semester.

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. Twelfth grade 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 Redlands Community College, OSU-OKC or any other community college:

National ACT	19 composite
Residual ACT	19 composite
Pre-ACT (10th grade test)	19 composite
SAT	980 (after 3/5/16) or 900 (before 3/5/16)
GPA and class rank	3.0 Unweighted High School GPA

For UCO or any other regional university:

National ACT	20 composite
Residual ACT	20 composite
Pre-ACT (10th grade test)	20 composite
SAT	1020 (after 3/5/16) or 940 (before 3/5/16)
GPA and class rank	3.0 Unweighted High School GPA and Class Rank top 50%

For OU, OSU or USAO:

National ACT	24 composite
Residual ACT	24 composite
Pre-ACT (10th grade test)	24 composite
SAT	1160 (after 3/5/16) or 1090 (before 3/5/16)
GPA and class rank	3.0 Unweighted High School GPA and Class Rank top 33.3%

2. Students must have a signed statement from 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. Students must also provide a letter of recommendation from their high school counselor and a written permission from their parents/legal guardian.

3. Eleventh grade students enrolled in an accredited high school may, if they meet the requirements above, be admitted provisionally to a college or university in the Oklahoma State System of Higher Education as special students.

4. 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 work load 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.)

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 ELIGIBILITY CENTER

Core Courses

- **NCAA Divisions I and II require 16 core courses**. See the charts below.
- **Beginning August 1, 2016, NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.
- *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- **Be sure** to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA.
- **Division I** students enrolling full time **before August 1, 2016**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- **Division I** GPA required to receive athletics aid and practice **on or after August 1, 2016,** is 2.000-2.299
- **Division I** GPA required to be eligible for competition **on or after August 1, 2016,** is 2.300
- **The Division II** core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

OKLAHOMA PROMISE

Oklahoma Promise is an Oklahoma state funded program that will pay the college tuition to any public college in the state of Oklahoma for students whose parents' total yearly income is not more than $50,000.

To qualify you must be an Oklahoma resident, graduate from an Oklahoma high school that is accredited by the State of Oklahoma and be in the 8th, 9th, or 10th grade.

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?
You must meet normal admission standards for first-time entering students at the college or university to which you apply.
Parents' income may not exceed $100,000 at the time you begin college.
Before the scholarship payment is made, you must actually be enrolled at a college or university.
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.

Oklahoma's Promise
OKLAHOMA HIGHER LEARNING ACCESS PROGRAM

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, the Diploma of Distinction plan does require two years of the same foreign language. Also, 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 take can 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. **Does a parent have to be present in order for a student to enroll?** YES! All students need a parent or guardian present when enrolling. A parent/guardian may enroll the student if the student is not available.

4. **What is concurrent enrollment?** Concurrent enrollment can give seniors and juniors who would like to earn college credits while in high school the opportunity to do so. If a student meets Oklahoma state department of education requirements, he/she may qualify. Interested students should speak to their counselor for more information.

5. **What is the difference between the ACT and the SAT?** Both are college entrance exams and both can be used at any college. The ACT is used largely in the South and Western United States.

6. **Do I need to be computer literate for college?** YES! All degree programs in Oklahoma now require a student to demonstrate computer literacy. You can do this by showing a computer class on your high school transcript. Furthermore, we require taking a computer class at Piedmont High School to graduate.

COMPUTER/BUSINESS COURSE OFFERINGS

All students beginning with Freshmen 2017-2018 will take a semester each of Financial Literacy and Business Computer Applications to fulfill their business requirement.

Students can choose from the following for technology:

Yearbook
Video Production I
Video Production II
Graphic Design I
Graphic Design II
Computer Programming (semester)
Advanced Programming (semester)
Photography and Digital Design (semester)
Google Apps (semester)
Technology and the World Today (semester)
Digital Citizenship (semester)
Web 2.0 (semester)

Other Business electives:
Accounting I
Accounting II
Entrepreneurship

Language Arts/Humanities Course Offerings

	9th Grade	10th Grade	11th Grade	12th Grade
Courses	English I	English II	English III	English IV
	Pre-AP English I	Pre-AP English II	AP English Language	AP English Literature
		Modern Music and Society (SEM)	Modern Music and Society (SEM)	Concurrent English Comp I and II
		Film and Society (SEM)	Film and Society (SEM)	Modern Music and Society (SEM)
		Mass Communication (SEM)	Mass Communication (SEM)	Film and Society (SEM)
		Reading for Pleasure (SEM)	Reading for Pleasure (SEM)	Mass Communication (SEM)
				Reading for Pleasure (SEM)

Math Course Offerings

	9th Grade	10th Grade	11th Grade	12th Grade
Courses	Algebra I	Algebra I	Geometry	Algebra II
	Geometry	Geometry	Algebra II	Pre-AP Algebra II
	Pre-AP Geometry	Pre-AP Geometry	Pre-AP Algebra II	Algebra III/ Trigonometry
		Algebra II	Algebra III/ Trigonometry	Pre-Calculus/ Trigonometry
		Pre-AP Algebra II	Pre-Calculus/ Trigonometry	AP Statistics
		Sports Statistics (SEM)	AP Statistics	AP Calculus AB
		Political Statistics (SEM)	Sports Statistics (SEM)	Math of Finance
			Political Statistics (SEM)	Sports Statistics (SEM)
				Political Statistics (SEM)

Science Course Offerings

	9th Grade	10th Grade	11th Grade	12th Grade
Courses	9th grade Science	Biology I	Chemistry	Chemistry
	Pre-AP 9th grade Science	Chemistry	Pre-AP Chemistry	Pre-AP Chemistry
		Pre-AP Chemistry	Environmental Science	Environmental Science
		AP Physics I	Anatomy & Physiology	Anatomy & Physiology
		Environmental Science	AP Physics I	AP Physics I
		Forensics (SEM)	AP Physics II	AP Physics II
		Meteorology (SEM)	AP Chemistry	AP Physics C
		Intro to Chemistry (SEM)	AP Biology	AP Chemistry
		Intro to Physics (SEM)	Forensics (SEM)	AP Biology
		STEM (SEM)	Meteorology (SEM)	Forensics (SEM)
		Zoology (SEM)	Intro to Chemistry (SEM)	Meteorology (SEM)
			Intro to Physics (SEM)	Intro to Chemistry (SEM)
			STEM (SEM)	Intro to Physics (SEM)
			Zoology (SEM)	STEM (SEM)
				Zoology (SEM)

Social Studies
Course Sequence

	9th Grade	10th Grade	11th Grade	12th Grade
Courses	Oklahoma History	World History	U.S. History	AP United States History
		AP World History	AP U.S. History	AP World History
		AP Pychology	AP World History	AP Psychology
		Psychology (sem)	AP Psychology	Psychology (sem)
		Sociology (sem)	Psychology (sem)	Sociology (sem)
		Military History (sem)	Sociology (sem)	Military History (sem)
		Modern US History (sem)	Military History (sem)	Modern History (sem)
		Presidency of John F. Kennedy (sem)	Modern US History (sem)	Presidency of John F. Kennedy (sem)
		Economics (Sem)	Presidency of John F. Kennedy (sem)	Government (sem)
		Minorities in America (Sem)	Economics (Sem)	Economics (Sem)
			Minorities in America (Sem)	Minorities in America (Sem)

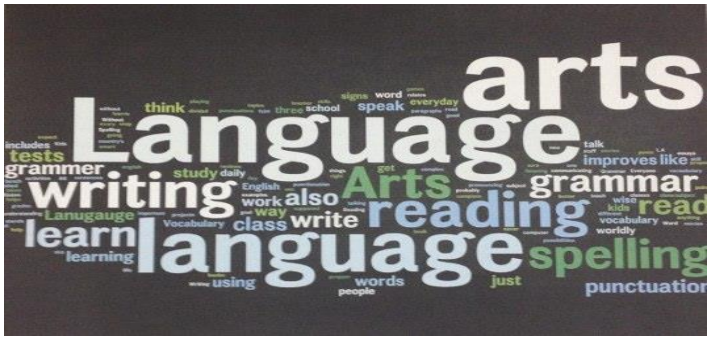
LANGUAGE ARTS/HUMANITIES

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.

Pre-AP English I (9)
Prerequisite: Teacher approval (Summer reading assignment required)
English I Pre-AP engages students to dissect and discuss advanced literary techniques, concepts, and skills. Students become adept at identifying and analyzing the techniques of various authors and how those techniques contribute to the overall purpose and meaning of the works. This course features activities including audio and video productions of selections from literature and informational text, as well as creative writing experiences ranging from single paragraphs to essays and short stories, and documented research projects. The course provides a more in-depth examination and analysis of texts than the English I course.

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.

Pre-AP English II (10)
Prerequisite: English I
Pre AP 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 the 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. Pre-AP 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)
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 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.

Reading for Pleasure (10-12)
This class is designed to foster enjoyment of reading and literature as well as improving reading skills for students. Reading improves your vocabulary and your comprehension, therefore providing a boost for ACT and SAT testing. The focus of the class will be providing more opportunities for students to read, discuss, evaluate, and analyze literary works. The majority of reading occurs during class. A journal may be required.

Film and Society (10-12)
One Semester
This course explores modern film in our world, applying context to its place in our society. Students will understand the influence and role of modern film within a historical, political societal context and understand it to be a powerful tool and art form that transcends the basic form of entertainment. It will provide an overview of careers within the film industry. Incorporates research, writing, application of critical thinking and analytical skills, class discussions and creative projects and presentations.

Mass Communications (10-12)
One Semester
This course explores the fundamentals, examples, and the relevance of various media platforms, ranging from mainstream news outlets to entertainment aspects, within mass communications. Students will understand these platforms and their use within a historical, societal, and business context. The course incorporates research, writing, application of communication theories, application of critical thinking and analytical skills, and class discussions.

Modern Music and Society (10-12)
One Semester
Explores modern music in our world, while applying context and depth to its place in our society. Students will understand the influence and role of modern music within a historical, political societal context and understand that it is more than a backdrop to society. Incorporates research, writing, application of critical thinking and analytical skills, class discussions and creative projects and presentations.

MATH

Algebra I (9,10)
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. Students are required to take the state mandated End of Instruction exam (EOI) at the end of this course.

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, study of circles, and an introduction to trigonometry. Students will progress from informal arguments to more formal presentations and proofs. Students will also be required to take the state mandated End of Instruction exam (EOI) at the end of this course.

Pre-AP 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. Students will also be required to take the state mandated EOI exam at the end of this course. 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. Students are required to take the state mandated End of Instruction exam (EOI) at the end of this course.

Pre-AP 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 Pre-AP 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. Students are required to take the state mandated End of Instruction exam (EOI) at the end of this course.

Algebra III/Trigonometry (11,12)
Prerequisite: Algebra I, Geometry, and Algebra II
Algebra III is meant for students that are not planning on taking AP Calculus. This is a course that begins with a review of Algebra II and is designed to increase students' math skills so they will be successful in College Algebra. Second semester students will receive instruction in trigonometric functions, right triangle trigonometry, and trigonometric equations and identities. Students are encouraged to use technology to enhance problem solving skills. During this course students will also review skills and graphing calculator programs that will help prepare them for standardized tests such as the ACT.

Pre-Calculus/Trigonometry (11,12)
Prerequisite: Algebra I, Geometry, and approval from Algebra II teacher required
The first half of this course is an in-depth study of trigonometry which includes right triangle trigonometry, trigonometric equations and identities. Second semester students study concepts such as vectors, conics, exponential and logarithmic functions, and sequences & series. Towards the end of the course time is also spent looking at some introductory calculus concepts such as limits and summation notation. Students are encouraged to use a graphing calculator to heighten involvement and discovery throughout this course.

AP Statistics (11,12)
Prerequisite: Algebra II
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, and approval from Pre-Calculus teacher required
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.

Sports Statistics (10-12)
One Semester
Prerequisite: Concurrently enrolled in Algebra II
This course will include an in-depth examination of the way in which statistics drive the world of sports. The course will include investigations of quantitative information. The content will include opportunities to analyze data and acquire knowledge of concepts of central tendency, variability, mean-median-mode, random sampling, sampling distribution and standard deviation. Current examples and practical applications will be used to help students understand the many ways that statistics are critical to the sports world.

Political Statistics (10-12)
One Semester
Prerequisite: Concurrently enrolled in Algebra II
With the ever-changing political atmosphere, it is vital for students to develop into well-informed citizens who can make sense of the multitude of statistics that are used to persuade the public. Real data will be used as students explore statistics and applications in a relevant and familiar context.

Math of Finance (12)
Prerequisite: Algebra I, Geometry, and approval from counselor required
This course is only available to seniors and requires counselor approval to enroll. This class makes the connection between the math that is taught in traditional math courses and the real life math required to function as an adult in our society. Topics include income, banking, credit, taxes, investments, housing, insurance, travel, budgeting, and identity fraud. Students are required to complete projects that demonstrate their understanding of these concepts. This course is not meant to prepare students for College Algebra, but does count as a third math credit for graduation.

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. The course will also meet the requirements of the state mandated End of Instruction Test. (EOI)

PreAP Biology I (9)
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. The course will also meet the requirements of the state mandated End of Instruction Test. (EOI)

Chemistry I (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.

PreAP Chemistry I (10,11)
Prerequisite: Biology I
Pre AP 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 Pre AP 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 University 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; or 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 Physics II (11,12)
Prerequisite: AP Physics I
This algebra-based course is equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. The course will include hands-on explorations of physics content and inquiry labs. Laboratory investigations will strengthen students' analytical and critical thinking skills as well as deepen their understanding of physics content. A passing grade on the AP Physics II exam may earn college credit. Students must have successfully completed AP Physics I.

AP Physics Electricity & Magnetism (C) (12)
Prerequisite: AP Physics II
Electricity and Magnetism provides instruction in each of the following five content areas: electrostatics; conductors, capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus.

AP Physics Mechanics (C) (12)
Prerequisite: AP Physics II
Mechanics provides instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus.

AP Biology (11,12)
Prerequisite: Biology I or Pre-AP Biology I 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, 25%
- Heredity and Evolution, 25%
- Organisms and Populations, 50%

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.

Environmental Science (10-12)
Prerequisite: Biology
This is an investigative approach to environmental science. An ecosystem approach will be utilized to develop the major ecological concepts, environmental complexities and relevant, up-to-date environmental issues. On completion of this course, the students should have a thorough conceptual understanding of how natural systems work and how they are sustained. Students will also be aware of how environmental degradation is the direct result of human actions, which are contrary to natural systems.

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.

Zoology (10-12)
One Semester
Prerequisite: Successful completion of Biology
This class is a biological science course focusing on the internal and external processes and characteristics of terrestrial, freshwater, and marine animals. Studies will be directed toward classification, identification, behavior, basic comparative anatomy, and reproduction of the incredibly diverse members of Kingdom Animalia. Animal dissections may be incorporated and student projects will be used to develop individual learning skills.

Forensics (10-12)
One Semester
Forensics is a one semester course and 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.

Meteorology (10-12)
One Semester
Meteorology is a one semester course that will study the motion of the sun and the moon and the effects on the seasons, as well as the heating and cooling of landforms. Secondly it will cover the composition of the atmosphere which will include the Greenhouse Effect, the Ozone Layer, High and Low Pressure Systems in the atmosphere, Coriolos motion and the Jet Stream. Lastly the water cycle will be introduced in reference to cloud classification. The unit will conclude with projects on Thunderstorms, Tornados, Hurricanes, Blizzards, Droughts, Sundogs, Rainbows, Halos, El Nino, La Nina and Lightning etc. (Lab Fee applies)

STEM - Build the New World (10-12)
One Semester
Science, technology, engineering, and mathematics are all around us. This course will include a variety of explorations for students to build, discover, create, and develop a real-world understanding of how STEM is actually used every day. From solar powered cars, to the science of food and STEM challenges, this course will answer the question, “When will I use this information in real life?”

Introduction to Chemistry (10-12)
One Semester
This course is an introduction to physical science which includes one semester of chemistry. Students will explore chemistry concepts through explorations and experimentation. It is not intended to replace chemistry, which is a course that prepare students for the ACT and for college. This course is designed to learn several aspects of the physical world by studying the principles of matter.

Introduction to Physics (10-12)
One Semester
This course provides students with basic foundation of physics with opportunities for learning through experimentation. It is not intended to replace physics, which is a course that prepare students for the ACT and for college. This course is designed to learn several aspects of the physical world by studying forces and motion.

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. Course is paired with Government.

World History (10)
One Semester
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.

World Conflict and Wars (10)
One Semester
This course will focus on the conflict of nations worldwide that have been peacefully resolved as well as those that have resulted in wars. Special focus will placed on World War I and World War II. Students will explore the effects of these World Wars on the United States and the economy.

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 cost 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.

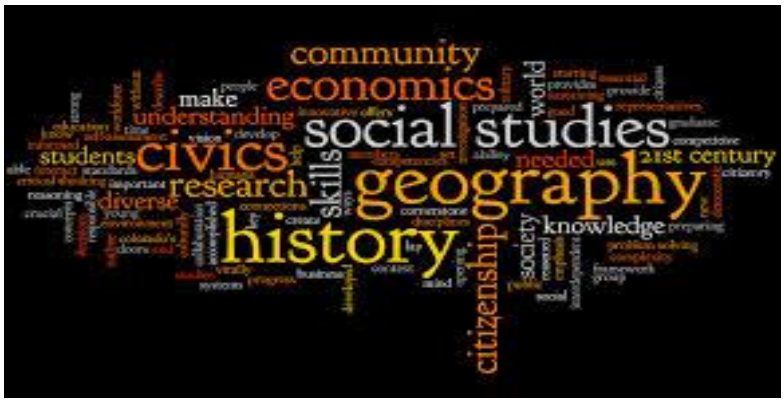
AP U.S. History (10-12)
Teacher Approval required
This class is a full year, elective social studies class for senior level students, but juniors may take this class in place of the junior level U.S. History. AP U.S. History covers all relevant historical material from the discovery of North America 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 material, 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.

AP Psychology (10-12)
Teacher Approval required
The purpose of the Advanced Placement course in Psychology is to introduce students to the fascinating discipline of psychology, the scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods that psychologists use in their science and practice. Students will develop critical thinking skills, encouraging careful analysis of media claims, research results, and other findings. The aim of an AP course is to provide the student with a learning experience equivalent to that obtained in most college introductory psychology courses.

Government (12)
One Semester
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.

Military History (10-12)
One Semester
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 (10-12)
One Semester
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.



Psychology (10-12)
One Semester
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 (10-12)
One Semester
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 sport. 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.

The Presidency of John F. Kennedy (10-12)
One Semester
This course will examine Kennedy's early life and his political rise to the nation's highest office, the critical foreign policy crises of his Presidency, including the Bay of Pigs invasion, the Cuban Missile Crisis and the Vietnam War, and his response to some of the decisive moments in the Civil Rights struggle which unfolded during his term of office. The focus of the class will be on learning about the ways that Kennedy shaped and responded to the political and social history of the early 1960s. We will also focus on the impact of his days in office as well as his assassination, and the effects that this had on history.

Economics (10-12)
One Semester
This semester-long social studies class would focus on an intro to economics and economic systems; markets and supply and demand; business, labor and market structure; the role of government; macroeconomics- major economic concepts; and the world economy.

Minorities in America (10-12)
One Semester
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 time frame from Reconstruction up to present day in addition to exploring other minorities and their history in the United States.

BUSINESS & TECHNOLOGY

Business Computer Applications (9-12)
One Semester
Upon completion of this course the student will have a basic working knowledge of the following Program Applications:
1) Students will demonstrate and review appropriate keyboarding skills.
2) Microsoft Word - Students will be able to produce letters in most common formats. They will know how to use the columns feature, merging feature, graphics, joining files, moving text, using templates, linking data, borders and shading, and creating tables.
3) Microsoft Power Point XP - Students will be able to create many different forms of slide presentations, animated slide shows, handbills, Newspaper ads, and most all forms of advertising display type material.
4) Microsoft Excel - Students will learn how to build and use spreadsheets for use in many different environments in business and at home.

Financial Literacy I (9-12)
One Semester
Financial Literacy is an elective class for students 9-12 that has an emphasis on personal finance management. The class will provide students with knowledge, concepts and skills necessary for personal application to their elected lifestyle. The subject content includes a study of basic personal economic principles (banking, budgeting, wants/needs, investing, taxes, insurance, basic career planning, insurance coverage against various risks, I040A Tax forms, consumer rights & responsibilities, consumer protection and government regulation, job/employee considerations in the workplace, etc...) Career topics will be explored with regard to future job considerations and career paths. We will look at what employers are looking for in employees and their competition in the global economy. The subjects covered in this class pass all objective of the Passport to Financial Literacy Act of 2007.

Financial Literacy II (11-12)
Financial Literacy 2 is geared more towards juniors and seniors because of the emphasis on life after high school. The subject content includes a study of basic personal economic principles (banking, budgeting, wants/needs, investing, taxes, insurance, basic career planning, insurance coverage against various risks, I040A Tax forms, consumer rights & responsibilities, consumer protection and government regulation, job/employee considerations in the workplace, etc...) Career topics will be explored with regard to future job considerations and career paths. We will look at what employers are looking for in employees and their competition in the global economy.

Yearbook (9-12)
Teacher approval required and application with references. Due by May 4th, Applications available in Room 300.
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 Yeartech Online. 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. *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.*

Graphic Design I (10-12)
Graphic Design I is designed for students with advanced computer knowledge. Students will develop computing skills to support design, production, and delivery of professional layouts, photographs, illustrations, and business presentations. Students will complete Adobe generated presentation software. Students will also use the knowledge learned to create original designs. Among the programs students will learn the basic to intermediate use of Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Adobe Acrobat Pro, and Adobe Flash. Technology Advanced students will have various other Adobe products from the Master collection available for experimentation.

Graphic Design II (11-12)
Graphic Design II is designed for students with skills in Adobe Photoshop and Adobe InDesign. Students will develop computing skills to support design, production, and delivery of professional layouts, photographs, illustrations, and business presentations. Students will complete Adobe generated presentation software. Students will also use the knowledge learned to create original designs. Among the programs students will learn the basic to intermediate use of Adobe Illustrator, Adobe Acrobat Pro, and Adobe Flash. Students will also use previous knowledge to learn advanced uses of Adobe Photoshop and Adobe InDesign. *Prerequisite: Graphic Design I*

Video Production I (10-12)
This class introduces the basics of video production utilizing camcorders, audio editing software, and video editing software. Students study video technologies, basic equipment operation, video composition, audio production and visual storytelling. Students learn and practice pre-production, production and post-production skills to produce videos. Students work individually and in groups to create projects for a variety of purposes and audiences.

Video Production II (10-12)
Students develop more sophisticated and complex productions, using special effects and inserting computer graphics to produce, direct, crew and edit school and personal programs. This will include work with longer format video projects to be used both on school-based and district-based events.

Photography and Digital Design (10-12)
One semester
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 (10 -12)
One semester
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.

Advanced Programming (10-12)
One Semester
This course is the continuation of Computer Programming and continues the instruction in computer programming as a tool of problem solving. The topics covered in this semester are more in-depth than the previous semester and further the preparation of the student for upper-level programming.

Google Applications (9-12)
One Semester
This course will provide students with a variety of experiences in utilizing Google Apps for Education through use of Google Chrome books. Students will engage in project-based learning activities to enhance reasoning, problem solving, and communication skills.

Digital Citizenship (9-12)
One Semester
The Internet is an exciting, tempting, treacherous place.
It is a place where one wrong turn or bad decision can have life-long ramifications. But, if handled wisely, it can be also be a bridge to lifelong learning and a wealth of information. This course will teach students the skills of digital citizenship, the norms of appropriate and responsible behavior with regard to technology use, and online safety. In addition, students will learn to utilize digital tools safely and successfully in order to analyze, problem solve, and communicate learning.

Technology and the World Today (9-12)
One Semester
Students in this course will use technology to research major contemporary issues in order to obtain an in-depth understanding and appreciation of current events happening in the world today. Students will analyze a contemporary issue (or issues) within the framework of its historical, social, cultural, and political context and use technology to collaborate and share their information. This course will enhance the student's understanding of world events and encourage students to be informed citizens.

Web 2.0 (9-12)
One Semester
This course focuses on online tools that have transitioned the Web environment from a collection of websites to a platform in which content is created, shared, remixed, and collaborated. Students will explore the latest powerful online tools that are changing the way students learn. Students will increase their use of technology as they actively engage in the use of these tools.

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.

Accounting II (11-12)
Prerequisite: Accounting I
This course is designed to integrate accounting principles using a computerized software program. Students will learn to set up a company, maintain account records, inventory, payroll, vendors, and assets, prepare bank reconciliation, record adjusting entries, and prepare final reports and statements. This course will build upon the knowledge learned in Accounting I.

Entrepreneurship (10-12)
In this business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to come up with new business ideas, write a business plan, attract investors, market their business, and manage expenses. Students will also hear inspirational stories of entrepreneurs who have turned their ideas into reality.

FOREIGN LANGUAGE

French I (9-12)
This is a beginning-level elective course in the French language. Goals of the course include recognizing and comprehending both spoken and written French, producing most sounds with reasonable accuracy, and expressing ideas both orally and in writing. Understanding structure concepts (grammar) is one of the vehicles used to achieve these goals. Students begin to read short passages in French. Cultural, historical, and literary aspects of the French world are also covered.

French II (10-12)
Prerequisite: French I
French II is a continuation of French I. Please refer to that course description. In French II vocabulary is expanded, more complex structures are studied, and reading passages are longer. Students are expected to increase their proficiency in speaking and to write using more sophisticated structures.

Pre-AP French III (11-12)
Prerequisite: French I and II
French III is a continuation of French II. Please refer to that course description. Short passages of French literature are introduced. Students continue reading, writing, listening, speaking the language and expanding their French vocabulary. Students continue to gain greater cultural insight into the French world and to achieve a global perspective.

AP French
Prerequisite: French I, II, III, Teacher approval required
Students work to prepare for the national AP College Board exam using guidelines set by the AP College Board. Francophone literature, complex grammar structures, and listening to rapid speech by native speakers is part of the course study. Emphasis is on oral proficiency.

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 the 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.

Pre-AP 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.

Pre-AP 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)
Prerequisite: Spanish I, II, III, Teacher approval required.
This course emphasizes total use of the language. It is intended for students who wish to develop proficiency and integrate his/her language skills, using authentic materials and sources. AP Spanish should help students to demonstrate his/her proficiency across three communicative modes: interpersonal, interpretative and presentational. This course is a preparation class of the advanced placement examination.

FINE ARTS

Marching Band
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
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)
Vocal III 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 insures the most elite, dedicated and devoted students are members of this choir.

Piano Methods
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. Students are required to pay a $100 fee to take this course. The music book the student uses will be theirs to keep.

Art I (9-12)
The foundations art one class is to develop in our students a visual literacy and an understanding of the human perceptual process. The curriculum will meet all of the state PASS requirements and encourages the development of technical skills along with perception and visual problem solving.
The first semester foundations drawing program instills a strong basic vocabulary of techniques, terms and materials. Basic drawing skills, designed to aid in better ways of seeing. Line, value, perspective and form are explored in a series of drawing exercises from the figure, landscape and still life. In the second semester, the curriculum builds towards a more complex and sophisticated painting projects that encourage flexible sources of materials and individual decisions.
Supplies: Students should expect to purchase some supplies needed for class work. This expense, while highly variable depending on personal preference, is estimated to be $20.00 per year per student.

Art II (10-12)
Prerequisite: Art One.

Transfer students with an Art I credit will be placed into a class that is appropriate to the skills of the student, while receiving Art II credit.
The Art II program is designed to serve as a transition from a highly structured art one program to a program which immerses the student in the process of making decisions. The intent is to develop self-discipline and the ability to structure and evaluate the process of. The year-long class will be broken into four quarters, each concentrating on drawing, printing, pottery and painting.
Supplies: Students should expect to purchase the supplies needed for class work. This expense, while highly variable depending on personal preference, is estimated to be at least $20.00 per year per student.

Art III/AP Studio Art (11-12)
Prerequisite: Art I and Art II. Teacher approval required
Grade 11 AP Studio Art General Portfolio/Portfolio III
Grade 12 AP Studio Art Drawing Portfolio/Portfolio IV
The Advanced Placement Student Art course is college-level courses in the visual arts. Each course is intended to offer the student a college-level curriculum in the high school environment. Students who successfully complete the course can request credit from the college or university they will attend. The awarding of college credit for AP scores is at the discretion of the individual schools. Colleges and universities will review a student's portfolio before awarding advanced credit.
Students are expected to work both in school and at home throughout the school year. All assignments are to be turned in on time and complete. Sketch books are to be carried and used on a daily basis. A $75 fee is due in February and will be forwarded to the College Board.

Drama (9-12)
Drama is an introduction to the theatre. Students become acquainted with the history of the theatre and various significant plays. Areas of technical production such as make up, lighting, costuming, and set design are studied. Class requirements also include performances.

Speech (10-12)
Students will demonstrate an understanding and application of the techniques used in formal public speaking including listening skills, speech preparation, and research methods. Activities include preparing speeches to inform, entertain and persuade as well as panel discussions and oral interpretation of literature.

Debate (10-12)
In a world where everyone likes to argue their point, this class will teach students how to do that in a professional and polite manner where opinions can be expressed, but have facts and reasoning as a foundation. Students are introduced to basic researching, argumentation, questioning, and rebuttal skills through a variety and range of debate disciplines.

ELECTIVES

Weightlifting (9-12)
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.

Health (10-12)
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.

Sports Intramurals (10-12)
A one-semester course which will incorporate four intramural sports: flag football, sand volleyball, badminton and cricket. Each sport will consist of a learning period at the start of each sport and then will lead into tournament style competition within and across class sections.

Leadership (9-12)
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. For students who would like to have an impact on the school community as well as the community of Piedmont as a whole.

Genius Hour (10-12)
This course allows students to explore their own passions through inquiry-based, project-based, student-directed learning. Students have an opportunity to look at the big, wide world around them and explore their own unique interests via research, projects, and the sharing of ideas in a loosely structured, but supported, way. The promotion of inquiry, research, creativity, and self-directed learning makes this an excellent course for a variety of future-minded learners.

Technology Support Student Internship (10-12)
Students will participate in an internship which will include relevant job skills in technology support. Opportunities will be provided to earn industry-specific certifications, including Cisco network certifications.

Service Learning (11,12)
You will provide a learning opportunity for both a disabled student and yourself. You will provide advice, support and serve as a role model for teens with special needs. As a mentor you can learn an increased understanding of individual differences, compassion, leadership and diversity. You will be under the direction of the Special Education Teacher. As a mentor you will be required to meet, motivate, and engage with students and create an academically and socially successful environment. Students enrolled in this course will be evaluated by the supervising teacher. Please visit with Ms. Rowan and get approval to enroll in this course.

Office Aide (12)
This full-year course is for seniors who have an interest in assisting with the front office, attendance office or library. Students will assist with incoming calls to the high school, filing records, disseminating messages to teachers and other duties as directed. *Students must be in good standing.*

Career Exploration (12)
Prerequisites: GPA may be a contributing factor for enrollment. No severe/excessive discipline problems.
Career Explorations gives seniors the opportunity to earn a high school credit for their experiences in a part-time work position. Students must show proof of employment to be enrolled, and then at least on a monthly basis for their time in the course. The student's grade is solely based on proof of employment. If a student is unable to produce proof of employment, they will be removed from this course and placed in a high school elective.

Freshman Leadership (9)
One Semester
Students will learn specifics about high school credits, graduation requirements, and individual transcripts. They will also be introduced and encourage to participate in clubs, organizations and extracurricular activities. The course will focus on challenging incoming freshman to identify and adopt habits and mindsets that can help them have a successful high school career. Students will explore their talents, gifts, interests and goals to see how these align as they are introduced to various career opportunities. The emphasis is on personal development and social and emotional learning.

Senior Leader (12)
One Semester
In this course, seniors are enrolled into a Freshman Leadership class to serve as mentors to freshmen students as they navigate and explore how to get the most out of high school. It allows the seniors an opportunity to influence freshmen toward what is most important to gain from their time in high school. **These positions are hand selected from those interested and requires some summer training.**

Student Council
Do not pre-enroll in student council. Counselors will place students from an approved list. Enroll in 7 classes and indicate 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. Stu-co 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.

ATHLETICS

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

1st Semester Only
Girls Cross Country
Boys Cross Country
Volleyball

2nd Semester Only
Girls Track
Boys Track
Boys Tennis
Girls Tennis
Boys Golf
Girls Golf
Swimming

All Year Sports
Boys Basketball
Girls Basketball
Wrestling
Baseball
Cheerleading
Pom Pon
Football
Softball
Boys Soccer
Girls Soccer

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

CANADIAN VALLEY TECHNOLOGY CENTER

Auto Body Technology
Learn collision repair with an emphasis placed on late model vehicles. Specific training areas include shop management, frame repair, collision repair, refinishing and auto detailing. This is an ASE/NATEF certified training facility.

Auto Service Technology
Offers training in brakes, heating and air conditioning, suspension and steering, manual drive train and axles, engine performance drivability, engine repair and electrical systems. ASE certified program.

Business and Medical Office Technology
Uses advanced software applications to complete innovative office projects; perform administrative duties in the areas of billing, coding and transcription; utilize ethical standards.

Biomedical Sciences
COWAN CAMPUS
This program prepares students for careers as health and science professionals. Lessons will engage students in rigorous and relevant hands-on problems related to the human body, cell biology, genetics, diseases and other biological sciences. This is a college-prep course that offers AP science and math courses as well as Project Lead the Way courses.

Computer Aided Drafting and Design
Emphasis is on basic computer aided drafting, technical, architectural, and structural drafting and 3-D imaging. AutoCAD is used in both basic and advanced drafting.

Computer Information Systems
In this program students will build, install, configure, upgrade, diagnose, troubleshoot and repair computer workstations, servers and networks. Students will learn to build and install Ethernet cabling and connect and configure switches, hubs and routers, allowing computers to communicate with one another. The capstone project will focus on network security: building and configuring firewalls, Virtual private Networks (VPNs), and intrusion detection systems (IDS) to protect network data and resources.

Computer Programming
Learn how to write object oriented programs using various programming languages to create event-driven programs. Students will also learn to code game engines to create computer video games or other interactive applications with real-time graphics. The various languages covered include HTML, PHP, JAVA, C+, Visual BASIC.Net and mySQL.

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 nail, scalp, hair and facial treatments and care. 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 about diesel engines, power train components, fuel and electrical systems, air brake systems and cab air conditioning. This is an ASE/NATEF certified training facility.

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. Receive hands-on experience in our Child Development Center.

Electrical Trades
Install and maintain electrical wiring in residential and commercial electrical installations. Upon completion, enter the job market as an Advanced Electrical Apprentice in Training.

Graphic Design
Learn page and ad layout, vinyl sign making and uses of digital cameras. Programs used include InDesign, Image Editing and Illustrator.

Health Careers
COWAN CAMPUS
Gain core knowledge in anatomy, physiology, medical terminology, medical math, first aid and CPR, and communication pertaining to the health sector. Advanced students can concentrate in several areas of the health care field and then put their knowledge to use with actual clients during clinical rotations in hospitals, rehabilitation centers and other health-related agencies.

Heating, Ventilation, Air Conditioning, & Refrigeration
Learn basic fundamentals of safety, mechanics, refrigeration and electricity for HVACR, residential and light commercial air conditioning, domestic refrigeration, and sheet metal. All training applies toward a Journeyman License.

Digital Media Technology
Includes digital media production and web design. Learn how to create and animate graphics using Photoshop, Illustrator and Flash. Digital Media students will focus on After Effects and Final Cut. Students will have the opportunity to learn on both MAC and PC platforms.

Precision Machining Technology
Instruction is given in setup and operation of machine tools such as lathes, grinding machines, milling and others. Learn about blueprint reading, math, CAD and CAM, and measuring tools. Students will use CNC mills and lathes.

Pre-Engineering
COWAN CAMPUS
Pre-Engineering education combines advanced math and science with hands-on, real-world application of engineering principles. Students will design an electric circuit, participate in a robot competition, and do other projects while learning engineering concepts. This is a college-prep course.

Service Careers
Learn horticulture, landscaping, floral design, custodial skills and customer service. Students gain hands-on experience in the on-site greenhouse. Emphasis is on the development of employability skills and attitudes.

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.