



Fayette Academy Academic Catalog

Upper School Course Descriptions Grades 9-12

Below is a list of courses offered at Fayette Academy. Each course is accompanied with the academic year students may take the course, whether it is a year-long or one-semester course, prerequisites, and an overview of the course content.

English

4 credits required for graduation

English I

Credits: 1.0

Pre-requisites: None

Course Description: In freshman English, the major concentrations are the understanding and application of grammatical concepts, literary analysis, and composition. There is a variety of reading in freshman English including short stories, poetry, drama, and novels. These texts will serve as anchors for grammar and writing lessons. Weekly vocabulary words will be used to enhance essay writing and clarify meaning in reading assignments.

Grade: 9th

Semesters: Two

English I Honors

Credits: 1.0

Pre-requisites: Above 80 average in 8th grade English; teacher approval required

Course Description: : In freshman English, the major concentrations are understanding and application of grammatical concepts, literary analysis, and composition. There is a variety of reading in freshman English including short stories, poetry, drama, and novels. These texts will serve as anchors for grammar and writing lessons. Weekly vocabulary words will be used to enhance essay writing and clarify meaning in reading assignments. The honors class will read more novels, discuss more authors, have enhanced writing assignments, and move at a more challenging pace.

Grade: 9th

Semesters: Two

English II

Credits: 1.0

Pre-requisites: English I

Course Description: The course is designed to present Modern World Literature from the Christian perspective that God is the Creator both of man and of his abilities to perceive, evaluate, and communicate information. This course is also based upon five fundamental skills: vocabulary, grammar, literature, speaking, and writing. Course material and activities will be taught from a Christian perspective to enhance these five areas. Students will utilize the skills from English I in this class as they begin learning to write research essays and papers.

Grade: 10th

Semesters: Two

FA Graduation Requirements

4 credits	English
4 credits	Math, including Algebra I, Algebra II, and Geometry
3.5 credits	Social Studies, including U.S. History, World History, Government, and Economics
3 credits	Science, including Biology and Chemistry
2 credits	Foreign Language
0.5 credits	Computer I
0.5 credits	Personal Finance
1 credit	Fine Art
1 credit	Physical Education
23.5 credits	Total

Fayette Academy graduates are also required to take the ACT

English II Honors **Grade:** 10th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Above 80 average in English I Honors; letter of recommendation from English I instructor; teacher approval required
Course Description: This course will explore Modern World Literature more widely and deeply than those in Traditional English II, including more challenging and/or complete literary texts. Honors English II fosters intellectual curiosity by encouraging students to generate thought-provoking questions and topics as well as research diverse sources. The writing component for Honors English II is also enhanced, such as the assignment of two college-style research papers. Lastly, prep for ACT English and Reading are more intensive and comprehensive in Honors English II than in the traditional section of the course.

English III **Grade:** 11th
Credits: 1.0 **Semesters:** Two
Pre-requisites: English II
Course Description: English III is a survey of American literature beginning with the Puritans and extending to contemporary authors. Students strengthen literacy skills by analyzing text, writing essays and a research paper, and reading novels on their own. Emphasis is placed on grammar and vocabulary, but the core of the class centers around literature, comprehension, and writing.

English III Honors **Grade:** 11th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Above 80 average in English II Honors; letter of recommendation from English II instructor; teacher approval required
Course Description: English III Honors is a survey of American literature beginning with the Puritans and extending to contemporary authors. Students strengthen literacy skills by analyzing text, writing essays and a research paper, and reading novels on their own. Emphasis is placed on grammar and vocabulary, but the core of the class centers around literature, comprehension, and writing. The honors class will read more novels, discuss more authors, and move at a more challenging pace.

English IV **Grade:** 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: English III
Course Description: This is a survey course in British literature. Students will be assigned reading for which they are responsible and will take additional notes in class. These notes will relate to their assigned reading and will be included on tests. The students will work independently. Students will take unit tests, write in-class timed essays, and write a research paper. They will have weekly vocabulary tests and reading

assignments. Interwoven with the literature will be grammar tests.
Objectives include: (1) Students will read for comprehension (2) Students will write to effectively communicate understanding (3) Students will increase their vocabularies.

English IV Advanced **Grade:** 12th
Placement
Credits: 1.0 **Semesters:** Two
Pre-requisites: Above 80 average in English III Honors; letter of recommendation from English III instructor; teacher approval required
Course Description: This is a college-level course. The reading is at times challenging and intensive; the writing is frequent and requires independent thinking and requires critical analysis of literature. There will be teacher led discussions: students will work in groups, listening and learning from each other, and independently; there will be in-class timed writings and out-of-class writing. Students enrolled in AP English must take the AP test from College Board in May and pay the fee set by College Board.
Objectives include: (1) Students will read for comprehension (2) Students will write to effectively communicate an understanding of literary works (3) Students will develop critical standards for reading and writing (4) Students will use literary terms in their essays (5) Students will read and analyze literary works (6) Students will experience and respond to reading (7) Students will evaluate literary works for their social and cultural values (8) Students will study and use a variety of sentence structures, structure, style, and themes in their writing (9) Students will write to understand, explain, and evaluate.

Mathematics

4 credits required including Algebra I, Geometry, and Algebra II

Algebra I **Grade:** 9th
Credits: 1.0 **Semesters:** Two
Pre-requisites: 8th grade math
Course Description: Students continue to build upon the foundation of math skills previously learned to expand the students' ability in math. Problem solving skills and abstract thinking skills are emphasized to help the students master any problems they may encounter. Algebra I is the building block for the remaining high school math classes and college math classes. Basic math operations are reviewed using more complicated problems to help the students and the teacher identify any weaknesses the students may have with these operations. A high emphasis is placed on the students' ability to solve for an unknown number and on the students' ability to apply rules and properties to a given problem.

Algebra I Honors**Credits:** 1.0**Grade:** 9th**Semesters:** Two**Pre-requisites:** Above 80 average in 8th grade math; teacher recommendation**Course Description:** Students continue to build upon the foundation of math skills previously learned to expand the students' ability in math. Problem solving skills and abstract thinking skills are emphasized to help the students master any problems they may encounter. Algebra I is the building block for the remaining high school math classes and college math classes. Basic math operations are reviewed using more complicated problems to help the students and the teacher identify any weaknesses the students may have with these operations. A high emphasis is placed on the students' ability to solve for an unknown number and on the students' ability to apply rules and properties to a given problem.**Geometry****Credits:** 1.0**Grade:** 9th – 10th**Semesters:** Two**Pre-requisites:** Algebra I**Course Description:** Geometry focuses upon proofs and logical thinking. Topics includes constructions, trigonometry, triangles, polygons, and proportional reasoning related to points, lines, angles, shapes, and surfaces. Compass and protractor required.**Geometry Honors****Credits:** 1.0**Grade:** 9th – 10th**Semesters:** Two**Pre-requisites:** Above 80 average in Algebra I; teacher approval required**Course Description:** Geometry focuses upon proofs and logical thinking. Topics includes constructions, trigonometry, triangles, polygons, and proportional reasoning related to points, lines, angles, shapes, and surfaces. Honors students can expect a more rigorous course of study including extensive proofs and analysis of various figures. Compass and protractor required.**Algebra II****Credits:** 1.0**Grade:** 10th – 11th**Semesters:** Two**Pre-requisites:** Algebra I and Geometry (can be concurrent)**Course Description:** Algebra II extends the study of variables and equations to include various types of functions and the patterns they create. Topics include complex numbers, systems of equations, polynomials, logarithms, conic sections, radicals, and trigonometry. TI-84 calculator required for real world applications of material.**Algebra II Honors****Credits:** 1.0**Grade:** 10th – 11th**Semesters:** Two**Pre-requisites:** Above 80 average in Algebra I and Geometry (can be concurrent); teacher approval required**Course Description:** Algebra II extends the study of variables and equations to include various types of,

functions and the patterns they create. Topics include complex numbers, systems of equations, polynomials, logarithms, conic sections, radicals, and trigonometry. Honors students should expect more rigorous assignments, including analysis and synthesis assignments at various times throughout the year, in addition to extensive focus on application of study to real world problems. TI-84 calculator required.

Algebra III**Credits:** 1.0**Grade:** 11th – 12th**Semesters:** Two**Pre-requisites:** Algebra I and Algebra II**Course Description:** This course is designed to prepare students for college level mathematics. Included in the course of study are diagrammatic, verbal, symbolic, graphical and numerical mathematics. A new approach will be used to develop concepts, make connections and support concepts through applications with numbers, geometry, functions and data.**Pre-Calculus****Credits:** 1.0**Grade:** 11th – 12th**Semesters:** Two**Pre-requisites:** Algebra II**Course Description:** Pre-calculus covers the same topics as Honors Pre-calculus, but not as thoroughly, and at a slower pace. Students hoping to take Calculus senior year are cautioned to take this class because they will be required to do considerable work over the summer to make-up the material not completed in the Honors level of Pre-calculus.**Pre-Calculus Honors****Credits:** 1.0**Grade:** 11th – 12th**Semesters:** Two**Pre-requisites:** Above 80 average in Honors Algebra II; above 80 average in Algebra II with letter of recommendation from instructor**Course Description:** Honors Pre-calculus is a fast-paced class that is the prerequisite for AP Calculus. In it we study both highly advanced functional concepts, and trigonometry, that are based heavily on previous coursework. The course is at an accelerated pace.**Dual Enrollment College Algebra and Trigonometry****Credits:** 1.0**Grade:** 11th – 12th**Semesters:** Two**Pre-requisites:** Above 80 average in Algebra II with letter of recommendation from instructor; 3.0 overall GPA**Course Description:** College Algebra: Functions (e.g., polynomial, exponential, and logarithmic). Zeroes of polynomials. Solutions of systems of equations and inequalities. Selected topics from algebra such as matrices and determinants, partial fractions, and the binomial theorem.

Trigonometry: Trigonometric functions, identities, graphs, equations, harmonic motion, trigonometric form of complex numbers, vectors, dot product, and conics. Applications of trigonometric functions.

Calculus Advanced Placement **Grade:** 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Above 80 average in Honors Pre-Calculus; above 80 average in Pre-Calculus with letter of recommendation from instructor
Course Description: AP Calculus is an intensive study of functions, their derivatives, and their antiderivatives. At the end of the year students will take the College Board Advanced Placement exam which qualifies them for college credit or placement depending on the university. AP Calculus is the equivalent of Calculus I and II in college, depending on the rigor of the institution.

ACT Prep **Grade:** 10th -12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: None
Course Description: ACT Prep is a class designed to cover the content areas of the ACT to prepare students to take the ACT their junior year: English, Mathematics, Reading, Science, and Writing. English measures punctuation, grammar and usage, sentence structure, strategy, organization, and style. Math measures pre-algebra, elementary algebra, algebra, coordinate geometry, plane geometry and trigonometry. Reading measures reading comprehension through passages and objective questions that are explicitly stated as well as questions that have implicit meanings. Science measures the interpretation, analysis, evaluation, reasoning, and problem solving skills. The Writing test is optional. It is a 30 minute essay test that measures students' writing skills. All students taking ACT prep are required to take the act at least one time while enrolled in the course in order to receive the credit for the class.

Social Studies

3.5 credits required, including World History, U.S. History, Government, and Economics

World History **Grade:** 9th – 10th
Credits: 1.0 **Semesters:** Two
Pre-requisites: None
Course Description: The Industrial Revolution to the World History is a course that explores the major events and global historical developments since 1350 C.E. that have shaped the world of today. The wide ranging scope of World History provides the freedom to range across all aspects of human experience: arts, psychology, economics, military conflict, government, sociology... The course will express connections between our lives today and those of our ancestors around the world. Students will analyze patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test a multitude of theories.

AP World History **Grade:** 10th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Above 80 average in preceding history course
Course Description: This course spans the Paleolithic age to the present in a rigorous academic format organized by chronological periods and viewed through fundamental concepts and course themes. Students analyze the causes and processes of continuity and change and contextualization across historical periods. In addition to mastering historical content, students cultivate historical thinking skills that involve forming arguments based on evidence, identifying causation, comparing and supplying context for events, and developing a historical perspective.

U.S. History **Grade:** 11th
Credits: 1.0 **Semesters:** Two
Pre-requisites: World History
Course Description: After a review of the country's beginnings, the class will focus on America from post-Reconstruction to the Present. Students will examine the causes and consequences of the Industrial Revolution and America's growing role in world diplomatic relations, including the Spanish American War and World War I. Students will study the goals and accomplishments of the Progressive movement and the New Deal. Students will also learn about the various factors that led to America's entry into World War II, as well as its consequences for American life. Students will explore the causes and course of the Cold War. Students will study the important social, cultural, economic, and political changes resulting from the Civil Rights Movement, the Cold War, and recent events and trends that have shaped modern-day America. Additionally, students will learn the causes and consequences of contemporary issues impacting their world today. Students will continue to use skills for historical and geographical analysis as they examine American history since Reconstruction with special attention to Tennessee connections in history, geography, politics, and people. Students will continue to learn fundamental concepts in civics, economics, and geography within the context of United States history. The reading of primary source documents is a key feature of United States history standards. Finally, students will focus on current human and physical geographic issues important in contemporary America and the global society.

Dual Enrollment US History **Grade:** 11th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Previous history course grades and PSAT data will be considered; must have 3.0 overall GPA
Course Description: HIST 201: A study of the main currents and developments of American life from colonial times to 1877.
HIST 202: A study of the main currents and developments of American life from 1877 to the present.

U.S. History Advanced Placement **Grade:** 11th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Previous history class grades and PSAT data will be considered. Teacher approval required.
Course Description: The AP U.S. History course focuses on the development of historical thinking skills (chronological reasoning, comparing and contextualizing, crafting historical arguments using historical evidence, and interpreting and synthesizing historical narrative) and an understanding of content learning objectives organized around seven themes, such as identity, peopling, and America in the world. In line with college and university U.S. history survey courses' increased focus on early and recent American history and decreased emphasis on other areas, the AP U.S. History course expands on the history of the Americas from 1491 to 1607 and from 1980 to the present. It also allows teachers flexibility across nine different periods of U.S. history to teach topics of their choice in depth.

American Government **Grade:** 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: World History and United States History
Course Description: Students will study the purposes, principles, and practices of American government as established by the Constitution. Students are expected to understand their rights and responsibilities as citizens and how to exercise these rights and responsibilities in local, state, and national government. Students will learn the structure and processes of the government of the state of Tennessee and various local governments. The reading of primary source documents is a key feature of United States Government and Civics standards.

AP Government **Grade:** 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: World History and United States History grades will be considered; teacher recommendation
Course Description: This college-level course is designed to be an introduction to the United States national government, political system, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. Over the course of two semesters, students will study the foundations of American government, government institutions, political processes and examine policy choices. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. To validate the courses scope and rigor, each student is required to take the AP Government and Politics exam at the end of the school year.

Economics **Grade:** 12th
Credits: 0.5 **Semesters:** One
Pre-requisites: None
Course Description: Students will examine the allocation of scarce resources and the economic reasoning used by government agencies and by people as consumers, producers, savers, investors, workers, and voters. Key elements of the course include the study of scarcity, supply and demand, market structures, the role of government, national income determination, money and the role of financial institutions, economic stabilization, and trade. Students will examine the key economic philosophies and economists who have influenced the economies around the world in the past and present. Informational text and primary sources will play an instrumental part of the study of economics where it is appropriate.

Contemporary Issues **Grade:** 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: US History grade will be considered. Teacher Approval Required.
Course Description: Students will use inquiry skills to examine the issues that impact the contemporary world. Included in the course will be analysis of the historical, cultural, economic, and geographic factors that have raised certain issues to levels of concern in our nation and around the globe. Students will engage in research and problem solving in order to better understand and assess significant current issues.

Bible **Grade:** 9th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: None
Course Description: The vast majority of the Bible is read by the end of the year. History of the Bible, Biblical vocabulary, and literature in the Bible are all studied. Students are made aware of the importance of the Bible without imposing the doctrine of any particular denomination.

Sociology **Grade:** 9th – 12th
Credits: 0.5 **Semesters:** One
Pre-requisites: None
Course Description: Students will explore the ways sociologists view society, and also how they study the social world. In addition, students will examine culture, socialization, deviance and the structure and impact of institutions and organizations. Also, students will study selected social problems and how change impacts individuals and societies.

Psychology**Credits:** 0.5**Pre-requisites:** None

Course Description: Students will study the development of scientific attitudes and skills, including critical thinking, problem solving, and scientific methodology. Students will also examine the structure and function of the nervous system in human and non-human animals, the processes of sensation and perception, and life span development. Students will study social cognition, influence, and relations. Students will examine social and cultural diversity and diversity among individuals. Students will study memory, including encoding, storage, and retrieval of memory. Students will also study perspectives of abnormal behavior and categories of psychological disorders, including treatment thereof. Students will elaborate on the importance of drawing evidence-based conclusions about psychological phenomena and gain knowledge on a wide array of issues on both individual and global levels. Throughout the course, students will examine connections between content areas within psychology and relate psychological knowledge to everyday life. Students will explore the variety of careers available to those who study psychology.

Grade: 9th – 12th**Semesters:** One**AP Biology****Credits:** 1.0**Pre-requisites:** Above 80 average in Honors Biology I and Chemistry; teacher approval required

Course Description: This course requires extensive reading and lab work. Topics covered will include but not limited to: molecular biology, cell mechanics, genetics, evolution, and ecology. This course is designed to challenge students with an in-depth study of biology. Because of the extensive reading and lab work, specific numbers of hours of class sessions are required. The curriculum is designed by the College Board. Upon successful completion of this course, students may be able to earn college credit based on results of the national exam at the end of the course.

Grade: 10th – 12th**Semesters:** Two**Science***3 credits required, including Biology and Chemistry***Biology****Credits:** 1.0**Pre-requisites:** Physical Science

Course Description: Biology I is a laboratory science course that investigates the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic components of the environment, and mechanisms that maintain continuity and lead to changes in populations over time. Students explore biological concepts through an inquiry approach. Embedded standards for Inquiry, Technology & Engineering, and Mathematics are taught in the context of the content standards for Cells, Interdependence, Flow of Matter and Energy, Heredity, and Biodiversity and Change.

Grade: 9th**Semesters:** Two**Chemistry****Credits:** 1.0**Pre-requisites:** Algebra I

Course Description: In Traditional Chemistry, emphasis is placed on atomic theory, periodic law, and chemical equations. Lab work will primarily focus on consumer, industrial, and material chemistry. This course will also follow a steady pace that will require students to: read, complete lab work, and be prepared for course work each class session.

Grade: 10th – 12th**Semesters:** Two**Chemistry Honors****Credits:** 1.0**Pre-requisites:** Above 80 average in Algebra I; teacher approval required

Course Description: This course explores atomic theory, nuclear chemistry, periodic law, organic chemistry, chemical reactions, chemical equilibrium, and kinetics. A strong emphasis will be placed on theory and math application. Because of this strong emphasis on math application and theory, it is required that students possess excellent math skills in Algebra.

Grade: 10th – 12th**Semesters:** Two**Physics Honors****Credits:** 1.0**Pre-requisites:** Above 80 average in Algebra I and Geometry; teacher approval required

Course Description: This course explores concepts that include but are not limited to: mechanics, thermodynamics, wave theory, optics, electricity, electromagnetic field application, and technology. This course will include a strong emphasis on the use of equations and problem solving. This course will provide students with a challenging and rigorous curriculum and foundation for work in more advanced level courses.

Grade: 11th – 12th**Semesters:** Two**Biology Honors****Credits:** 1.0**Pre-requisites:** Physical Science; teacher approval required

Course Description: Honors Biology is an in depth laboratory science course, with high expectations, that investigates the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of biotic and abiotic components of the environment, and mechanisms that maintain continuity and lead to changes in populations over time. Students explore biological concepts through an inquiry approach.

Grade: 9th**Semesters:** Two**Forensics****Credits:** 1.0**Pre-requisites:** None

Course Description: Forensic Science integrates science, mathematics, technology, history, and political science along with writing and presentation skills using real-life applications and case studies.

Grade: 9th – 12th**Semesters:** Two

Environmental Science **Grade:** 9th – 12th
Credits: 1.0 **Semesters:** Two

Pre-requisites: None

Course Description: Environmental Science is a year-long course emphasizing interdisciplinary topics from a variety of different areas of study. These topics include ecology and ecosystems, biodiversity, environmental quality, and environmental concerns. Although environmentalists' political stances are discussed, our focus is upon sustainability rather than activism. Outside sources include Silent Springs, by Rachel Carson, The Habitable Planet, from Learner.org, The Impractical Environmentalist, by Sara Gilbert, and E.O. Wilson's Life on Earth.

Human Anatomy and Physiology **Grade:** 10th – 12th

Credits: 1.0 **Semesters:** Two

Pre-requisites: Biology I and Chemistry I (may be taken concurrently)

Course Description: Human Anatomy and Physiology is a laboratory science course that includes of an in-depth study of the body systems that maintain homeostasis from anatomical, physiological, and histological perspectives. Students explore anatomical and physiological concepts through an inquiry-based approach. Embedded standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Anatomical Orientation, Protection, Support, and Movement, Integration and Regulation, Transportation, Absorption and Excretion, and Reproduction, Growth, and Development.

Foreign Language

2 credits required

Spanish I **Grade:** 10th
Credits: 1.0 **Semesters:** Two

Pre-requisites: None

Course Description: This course is a general introduction to the language through pronunciation, vocabulary, culture and basic grammatical structures via multi-media resources and traditional methods. Emphasis will be placed on the four skills of listening, reading, writing and speaking. Students should have the ability to carry on a simple conversation in both the present and past tenses. Students will be provided with instruction that teaches a basic understanding of Hispanic culture, vocabulary, and grammatical concepts.

Spanish II **Grade:** 11th
Credits: 1.0 **Semesters:** Two

Pre-requisites: Spanish I

Course Description: This course requires sufficient knowledge gained from Spanish 1. It will also reinforce the Spanish 1 skills of listening, reading, writing and speaking. Instruction is given for improving pronunciation, mastering the basic grammatical structures, and increasing proficiency in communication

structures, and increasing proficiency in communication and functional vocabulary. Students will review the present and past tenses along with all the irregular verb forms. Students will be expected to apply grammar skills and vocabulary knowledge through more proficient writing and speaking. There will be periodic instruction and activities in Hispanic culture.

Spanish II Honors **Grade:** 11th
Credits: 1.0 **Semesters:** Two

Pre-requisites: Above 80 average in Spanish I; standardized test scores will be considered; teacher recommendation

Course Description: This course will encompass the same scope as the standard level, but students are expected to take greater responsibility for studying the material outside of class and to learn it earlier and more thoroughly. Specifically, this means that there is less time in-class spent on the fundamental material, thereby allowing for additional cultural studies, conversation development, writing proficiency, reading, and hands-on activities. This class is intended for highly-motivated students who want to partake in more rigorous content with the intention of continuing Spanish at higher levels. There would be at least 30-40 minutes of assignments each school night. Additional assignments may cover, but are not limited to, areas of culture, writing short essays, daily conversation, reading literature, watching and evaluating videos and/or giving oral presentations. It will also be necessary to actively and willingly participant in the verbal practice of the language. The major goal of this Honors course is to help students attain a higher and more accurate proficiency in the Spanish language.

Business

1 credit required, including Computer Applications and Personal Finance

Computer Applications **Grade:** 9th
Credits: 0.5 **Semesters:** One

Pre-requisites: None

Course Description: This course is designed to improve student use and understanding of information age technology. Mastering the standards will enable students to learn about and effectively access and use technology resources. Students will use a variety of computer applications and tools and will develop skills that will assist them with efficient production of word processing documents, spreadsheets, and presentations.

Computer Programming **Grade:** 10th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Computer Applications
Course Description: This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools. Students will explore programming with the Raspberry Pi 3, robotics, and CAD software as they create with 3D printers.

VEX Robotics **Grade:** 10th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Computer Applications and Computer Programming
Course Description: This curriculum leverages the “coolness” of robotics, and the excitement of head to head competition to inspire and engage students. Students will walk through the design and build a mobile robot to play a sport-like game. During this process they will learn key STEM principles, and robotics concepts. At the culmination of this class, they will compete head-to-head against their peers in the classroom, or on the world stage in the VEX Robotics Competition, the largest and fastest growing international robotics competition for middle and high school students. This modular and project-based curriculum teaches the design process in an engaging, hands-on manner to help teachers challenge, motivate, and inspire their students. By moving students through an actual engineering project, students quickly understand the relevance of what they are learning. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals. No prior robotics experience is required; beginners are able to advance sequentially through the units to gradually increase their knowledge and skill level.

Personal Finance **Grade:** 12th
Credits: 0.5 **Semesters:** One
Pre-requisites: None
Course Description: Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, and debt and credit management.

Accounting **Grade:** 9th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: None
Course Description: This course instructs students on basic accounting procedures and principles such as journalizing and posting; use of a balance sheet, income statement, and statement of owner’s equity; maintaining records for proprietorships and corporations; analyze financial data using the basic accounting cycle; and many other standard operating procedures for business.

Journalism I/II **Grade:** 11th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Teacher approval required
Course Description: Journalism is a year-long elective class which produces the FA annual, The Viking. Students in this class will develop skills in graphic design, digital photography, image manipulation software (Picasa 3, Picmonkey, and Photoshop), journalistic writing techniques, advertising including accounting and ad design, proofreading, leadership, and cooperative work groups.

Fine Arts

1 credit required

Band/Wind Ensemble I, II, III, IV **Grade:** 9th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: 1 year of 6th Grade Beginning Band, 2 years of Middle School Band (7th and 8th Grade), or Director Approval
Course Description: Upper School Band/Wind Ensemble is a yearlong course that typically consists of 9th, 10th, 11th, and 12th grade students that have had previous instruction on a wind instrument (Flute, Oboe, Bassoon, Clarinet, Saxophone, French Horn, Trumpet, Trombone, Euphonium, and Tuba). Students participating in their first year of High School Band will be enrolled in Percussion Ensemble, where they will build upon instrumental fundamentals and techniques learned in Junior High Band. Throughout the year, focus will largely be on musical development on each student’s instrument, with emphasis in sight-reading, balance, tuning, articulation, and tone quality. In the Fall, students will focus on Marching Band. Students will be required to attend all Football Games, Band Competitions, After-School Rehearsals, and Band Camp, which is usually the last two weeks of July. In November, students will transition to Wind Ensemble, where they will work on continuing to develop their instrumental fundamentals and rehearse music as an ensemble on a daily basis. Students are required to participate in all scheduled concerts, as well as Concert Festival. Students will also have the optional opportunity to participate in honor bands in West Tennessee. Concerts at the end of the Fall Semester and Spring Semester count as the students’ final exam. Students that are first-year marchers (meaning, marching a position on the field) are not permitted to participate in other activities that would prevent them from attending ALL after-school marching rehearsals or band camp. Students that wish to participate in band where such a conflict exists may still do so as a member of front ensemble percussion or as an alternate marcher, though they are still expected to attend all games, competitions, and concerts. If a student participates in front ensemble percussion, and his/her primary instrument is a wind instrument, he/she will transition to that instrument in November and play it for the remainder of the school-year.

Percussion Ensemble **Grade:** 9th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: 1 year of Percussion Instruction in 6th Grade Beginning Band, 2 years of Percussion Instruction in Middle School Band (7th and 8th Grade), or Director Approval
Course Description: Upper School Percussion Ensemble is a yearlong course that typically consists of 9th, 10th, 11th, and 12th grade students that have had previous instruction on Percussion. Students participating in their first year of High School Band will be enrolled in Percussion Ensemble, where they will build upon instrumental fundamentals and techniques learned in Junior High Band. Throughout the year, focus will largely be on musical development, with emphasis in sight-reading, balance, articulation, and percussion rudiments. In the Fall, students will focus on Marching Band. Students will be required to attend all Football Games, Band Competitions, After-School Rehearsals, and Band Camp, which is usually the last two weeks of July. In November, students will transition to Wind Ensemble, where they will work on continuing to develop their instrumental fundamentals and rehearse music as an ensemble on a daily basis. Students are required to participate in all scheduled concerts, as well as Concert Festival. Students will also have the optional opportunity to participate in honor bands in West Tennessee. Concerts at the end of the Fall Semester and Spring Semester count as the students' final exam. Note: Students that are first-year marchers (meaning, marching a position on the field) are not permitted to participate in other activities that would prevent them from attending ALL after-school marching rehearsals or band camp. Students that wish to participate in band where such a conflict exists may still do so as a member of front ensemble percussion or as an alternate marcher, though they are still expected to attend all games, competitions, and concerts. If a student participates in front ensemble percussion, and his/her primary instrument is a wind instrument, he/she will transition to that instrument in November and play it for the remainder of the school-year.

Visual Art I/II **Grade:** 9th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: None
Course Description: This one-year course introduces students to the Elements of Art and Principles of Design while developing drawing skills and painting techniques. Studio experiences in the classroom will give students opportunities to experience a variety of media (pencil, pen, ink, charcoal, pastel, watercolor, and tempera paint) while developing student's individual style and creative problem solving skills. Students will demonstrate their ability to respond, to analyze and to interpret their own artwork and the work of others through discussions, critiques, and writings.

Advanced Visual Art **Grade:** 11th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Art I and Art II
Course Description: An advanced level course in drawing and painting with an emphasis on developing a greater depth of understanding of art and application of the Elements of Art and Principles of Design to their work in a variety of media. Studio experiences include drawing, painting, illustration, and printmaking projects. Each student will demonstrate progress over time by developing a body of work and organizing a portfolio.

Performing Arts **Grade:** 9th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: Audition required
Course Description: Performing Arts is a course that seeks to give students in grades 7 through 12 experience in the study and performance of vocal music, dance, theater, make-up and set design. This course includes instruction in proper vocal technique, dance skills and theatrical arts and requires a simple vocal and acting audition. All students in this class will be required to attend some after school practices and several performances. A few activities will necessitate some missed classes. Fees will be required for dance shoes and one competitive event. Students will need to provide exercise attire for school practice, clothing suitable for painting and make-up for performances. Upon completion of this course, students will be able to identify dramatic structure and choreography and will be well-versed in artistic design for the theater.

Speech **Grade:** 11th – 12th
Credits: 1.0 **Semesters:** Two
Pre-requisites: None
Course Description: This course is based upon the fundamentals of public speaking and is designed to illuminate the purpose of public speaking in a diverse society—emphasizing both the how and the why. This course will improve language skills and build cumulative knowledge, reasoning, and effective communication. Course materials and activities will incorporate the Christian perspective as students develop and evaluate a well-supported voice.

Course goals: (1) The student will participate and perform in a variety of drama and speech development activities designed to enhance the ability to communicate verbally (2) The student will interpret and evaluate a variety of speeches and dramas of increasing levels of difficulty, as well as write creatively and present for an audience (3) The student will analyze and evaluate the role of the media in shaping, impacting, and affecting society in a variety of ways (4) The student will produce, analyze, and evaluate informative, persuasive, narrative, and ceremonial speeches.

Physical Education

1 credit required, including Lifetime Wellness

Lifetime Wellness

Grade: 9th

Credits: 1.0

Semesters: Two

Pre-requisites: None

Course Description: This course is designed to give students encouragement and direction on how to stay physically, mentally, and emotionally healthy throughout their lives. The state of mental, physical, and emotional health is known as wellness. This class is a mixture of in class discussion/lecture combined with gym activity and physical fitness lessons. It is designed to allow students freedom to explore their physical limitations when it comes to fitness and to comprehend what it takes to achieve overall wellness.

PE Athletics

Grade: 9th – 12th

Credits: 1.0

Semesters: Two

Pre-requisites: Teacher approval

Course Description: These courses are designed to present athletic training from the Christian perspective that God is the Creator of the human body and that part of His Will for us is to train, develop, and maintain healthy bodies as part of service in His Kingdom. These courses are also based upon developing six core areas of physical fitness: flexibility, muscular strength, muscular endurance, agility, speed, and cardiovascular endurance.

Strength & Conditioning

Grade: 9th – 12th

Credits: 1.0

Semesters: Two

Pre-requisites: None

Course Description: This course is designed to give students encouragement and direction on how to stay physically, mentally, and emotionally healthy throughout their lives. This class is a mixture of gym activity and physical fitness lessons.

