



# FAYETTE ACADEMY

Inspiring Minds for Learning and Hearts for Christ

**Curriculum Guide 2021-2022**

# **GENERAL INFORMATION**

## **ACT**

Graduation requirements include a student ACT score on file with Fayette Academy. This can be accomplished by entering in our school code (432-143) when registering for these tests.

## **GRADUATION REQUIREMENTS**

4 credits English

4 credits Mathematics

4 credits Social Studies, including World History or Geography, US History, Government, Economics, & Bible

3 credits Science, including Biology and Chemistry

2 credits Foreign Language

1 credit Business, including Computer I and Personal Finance

1 credit Lifetime Wellness

1 credit Fine Art

5 credits Electives

\*Class of 2023: 6 electives required

\*\*Class of 2024: 7 electives required

## **GRADUATING WITH HONORS**

Students who wish to graduate with honors must complete five honors courses and two courses for college credit. Students must also maintain a 3.5 grade point average for Cum Laude honors, 4.0 grade point average for Magna Cum Laude honors, or 4.5+ grade point average for Summa Cum Laude honors. Valedictorian and Salutatorian candidates must have attended Fayette Academy for three years. All honors, dual, and advanced course credits must be earned at Fayette Academy.

## **HONORS/AP CLASS ADMISSION**

Placement in all AP, Dual Enrollment, and Honors courses is determined by prerequisite course grades, standardized test scores, teacher recommendation, and attendance.

Any student currently enrolled in an honors course who wants to continue in honors for that subject matter, must have an overall A or B average in that current honors course, a signature of recommendation from current honors teacher, and parent signature of approval. Any student currently enrolled in an honors course who wants to move to an AP course must have an A in the prerequisite course, a signature of recommendation from current honors teacher, parent signature of approval, and excellent attendance.

Any student currently enrolled in a traditional course who wants to take an honors course in that same subject matter, must have an overall A average in that current traditional course, signature of recommendation from current traditional teacher, and parent signature of approval.

Higher level math courses have specific math grade point average and ACT math sub-score requirements in addition to the previously stated requirements.

## **DUAL ENROLLMENT CLASS ADMISSION**

Dual enrollment courses are available to juniors and seniors who have been a Tennessee resident for at least one year and have maintained a 3.0 unweighted grade point average. Fayette Academy is partnered with the University of Tennessee Martin to offer dual enrollment courses. For continuation in dual enrollment, students must have a 2.75 grade point average in their dual enrollment course. Dual enrollment courses are free excluding the price of the textbook.

Students may explore how their UT Martin dual enrollment course may transfer to another college or university by searching the ‘transfer equivalency’ agreements on the college/university of interests’ website.

#### *Application Procedures*

Please see UT Martin’s Dual Enrollment website for important dates and deadlines.

1. Dual Enrollment Application: Applications are reviewed by UT Martin
2. Dual Enrollment TSAC Grant
3. Upon acceptance, student must register for the course in UT Martin’s online portal
4. Students must submit a copy of their driver’s license to the Upper School Counselor
5. Student must submit signed UT Martin Consent Form to the Upper School Counselor

#### **AP TESTING**

Advanced Placement Classes are taught at a college level. All students are required to pay the testing fee and take the AP exam administered at the end of the course. Students receiving a score of 3, 4, or 5 on the AP exam may receive college credit at the discretion of the college/university.

College Board requires that students pay the AP examination fee by November 1. In the case of a student being removed from an AP course in January, approximately half of the AP examination fee could be refunded by the College Board. In the case of illness on test date, the AP Coordinator will attempt to reschedule the individual student’s exam and the student must pay the College Board rescheduling fee. In the case of an inability to reschedule or unexcused test date absence, the student will not be refunded the exam fee by the College Board and the student must take a final exam from the course instructor to serve as one-fifth of the student’s semester grade.

Students may explore how college or universities award course credit regarding the AP exam scores by searching the College Boards website.

#### **DROPPING/ADDING CLASSES**

To process a schedule change, students in grades 9-12 must submit a Schedule Change Request Form to the Upper School Counselor within the first five (5) days of any semester. Approval of changes is contingent upon the change requested being logically possible, class size availability, and change does not jeopardize graduation requirements.

After the first five (5) days of the any semester, changes in a student’s schedule are granted based on academic concerns. Schedule changes may be recommended by parents, administrators, teachers, and/or counselors will be completed pending Head of School approval.

If a Course Change is granted, the student’s grade and attendance from the previous course will transfer to the new course.

If a student drops below a B semester average in a Dual Enrollment or Advanced Placement course, the student may be removed from the course during the second semester and placed in the equivalent traditional course.

# Curriculum Map

*This map shows the yearly advancement of core courses for graduation requirements. The list is not inclusive of elective courses.*

	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>English</b>	English I English I Honors	English II English II Honors	English III English III Honors AP English Language	English IV English IV Honors AP English Literature
<b>Mathematics</b>	Algebra I Algebra I Honors Geometry Geometry Honors	Geometry Geometry Honors Algebra II Algebra II Honors	Algebra II Algebra II Honors Pre-Calculus Pre-Calculus Honors Dual Enrollment College Algebra/Trigonometry	Algebra III Pre-Calculus Pre-Calculus Honors Dual Enrollment College Algebra/Trigonometry
<b>Science</b>	Biology Biology Honors	Chemistry Chemistry Honors	Anatomy & Physiology Anatomy & Physiology Honors Forensic Science Physics Honors AP Biology	
<b>Social Studies</b>	Bible	World History World History Honors AP World History	US History AP US History	Government AP Government Economics
<b>Foreign Language</b>	Spanish I Spanish I Honors	Spanish II Spanish II Honors	Spanish III Honors	Dual Enrollment Spanish
<b>Business/Technology</b>	Computer Applications			Personal Finance
<b>Fine Arts</b>	Art I Band Performing Arts Audio & Production			
<b>Physical Education</b>	Lifetime Wellness			

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**The following courses may be offered at Fayette Academy for the 2021-2022 school year. Please review the items on the following pages to better understand the course descriptions and requirements. All Honors, Dual Enrollment, and Advanced Placement courses require a teacher recommendation, excellent attendance, parent signature, and an A average in a traditional prerequisite course or an A or B average in the prerequisite Honors course. Students must enroll in at least six (6) academic courses per year.**

# ENGLISH

4 credits required for graduation

## ENGLISH I

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.

Prerequisites: None

Grade 9

1 credit

## ENGLISH I HONORS

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.

Prerequisites: none

Grade 9

1 credit

## ENGLISH II

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.

Prerequisites: English I

Grade 10

1 credit

## ENGLISH II HONORS

This course will explore Classical and Contemporary World literature, specifically quest literature, in order to enhance their understanding of life and the need for heroism as they unlock the mysteries that confront each of us in our daily lives. Students grapple with issues within the text that generate thought-provoking questions and topics for discussion and research, while honing their skills in close analysis, effective writing, and articulate speech. Students continue to build on their vocabulary, grammar, usage, and mechanics skills with an in-depth study of sentence analysis and structure, agreement, and punctuation.

Prerequisites: English I

Grade 10

1 credit

## ENGLISH III

In *Survey of American Literature*, students deepen their capacity for discerning the distinct types, as well as the diversity and commonalities, of different national voices by examining the various origins of their own voices—distinctly American voices from the early 19th century to the present. Through the study of the works of major writers of the past 200 years, including Thoreau, Fitzgerald, Emerson, Dickinson, and O'Brien, students learn to ask essential questions of literature that will fuel them as lifelong learners. The course guides them to more informed, interactive, and inferential reading and to more sophisticated methods of critical thinking, imaginative perception, writing, and discussion. In addition to building their research abilities, students refine their oral and technologically assisted presentation skills and learn to clarify their own thinking and voices through critical

analysis, discussion, and essay writing. Pacing and sequencing in this course are modified for a standard class.

Prerequisites: English II                                  Grade 11                                  1 credit

## **ENGLISH III HONORS**

In *Survey of American Literature*, students deepen their capacity for discerning the distinct types, as well as the diversity and commonalities, of different national voices by examining the various origins of their own voices—distinctly American voices from the early 19th century to the present. Through the study of the works of major writers of the past 200 years, including Thoreau, Fitzgerald, Hurston, Emerson, Dickinson, and O'Brien, students learn to ask essential questions of literature that will fuel them as lifelong learners. The course guides them to more informed, interactive, and inferential reading and to more sophisticated methods of critical thinking, imaginative perception, writing, and discussion. In addition to building their research abilities, students refine their oral and technologically assisted presentation skills and learn to clarify their own thinking and voices through critical analysis, discussion, and essay writing.

AP ENGLISH LANGUAGE AND COMPOSITION

In this introductory college-level course, students read and carefully analyze a broad and challenging range of nonfiction prose selections, deepening their awareness of rhetoric and examining how language works.

Through close reading and frequent writing, students develop their ability to work with language and text with a greater awareness of purpose and strategy, while strengthening their own composing abilities. Course readings feature expository, analytical, personal, and argumentative texts from a variety of American authors and historical contexts. Students enrolled in AP Language and Composition must take the AP Language and Composition test from College Board in May and pay the fee set by College Board.

Prerequisites: English II Grade 11 1 credit

ENGLISH IV

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.

Prerequisites: English III Grade 12 1 credit

# **ENGLISH IV HONORS**

This course examines the origins of world literature from 5th century Anglo-Saxons to Shakespeare to contemporary prose that span the globe. Students will engage with complex prose that expose the human condition and that pose some of the most important questions as to the very existence of mankind.

Prerequisites: English III Grade 12 1 credit

# AP ENGLISH LITERATURE

AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works from a global perspective. The course consists of lecture, instructor-led discussions, group and independent work. In-class timed writings and out-of-class writings are frequently required. Students enrolled in AP English Literature must take the AP English Literature test from College Board in May and pay the fee set by College Board.

# MATHEMATICS

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

## ALGEBRA I

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.

Prerequisites: none

Grade 9

1 credit

## ALGEBRA I HONORS

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.

Prerequisites: none

Grade 9

1 credit

## GEOMETRY

Geometry focuses upon proofs and logical thinking. Topics includes constructions, trigonometry, triangles, polygons, and proportional reasoning related to points, lines, angles, shapes, and surfaces.

Prerequisites: Algebra I

Grade 10

1 credit

## GEOMETRY HONORS

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.

Prerequisites: Algebra I

Grade 9, 10

1 credit

## ALGEBRA II

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.

Prerequisites: Geometry

Grade 11

1 credit

## ALGEBRA II HONORS

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.

Prerequisites: Geometry

Grade 10, 11

1 credit

## ALGEBRA III

This terminal mathematics course is designed to prepare students for an applied course of study after graduation. This course focuses upon mathematical applications of Algebra and Trigonometry in review.

Prerequisites: Algebra II

Grade 12

1 credit

## **PRE-CALCULUS**

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 not 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.

Prerequisites: Algebra II

Grade 11, 12

1 credit

## **PRE-CALCULUS HONORS**

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.

*Pre-Calculus Honors students should have a 3.0 math grade point average and/or 24 ACT Math sub-score.*

Prerequisites: Algebra II

Grade 11, 12

1 credit

## **DUAL ENROLLMENT COLLEGE ALGEBRA AND TRIGONOMETRY**

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.

*Dual Enrollment students should have a 3.0 overall grade point average and 25 ACT Math sub-score.*

Prerequisites: Algebra II Honors

Grade 11, 12

1 credit

# **MATH ELECTIVES**

## **ACT PREP**

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. Students are required to take the ACT at least one time while enrolled in the course.

Prerequisites: Geometry

Grade 10, 11

1 credit

# **SCIENCE**

*3 credits required including Biology and Chemistry*

## **BIOLOGY**

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 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.

Prerequisites: none

Grade 9

1 credit

## **BIOLOGY HONORS**

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.

Prerequisites: none

Grade 9

1 credit

## **CHEMISTRY**

This course explores matter, atomic theory, periodic law, compounds, chemical equations, solutions and acids/bases. Lots of lab work and activities will reinforce the material to help the students master the concepts. The course will move at a steady pace and include application of math.

Prerequisites: Biology

Grade 10

1 credit

## **CHEMISTRY HONORS**

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 I.

Prerequisites: Biology, Algebra I

Grade 10

1 credit

# **SCIENCE ELECTIVES**

## **ANATOMY AND PHYSIOLOGY**

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.

Prerequisites: Chemistry

Grade 11, 12

1 credit

## **ANATOMY AND PHYSIOLOGY HONORS**

After a brief overview of all the systems, anatomic terms, cells and tissues, this course will take an in depth look at all 11 organ systems of the human body. Case studies will coincide with several of the units and many labs and hands-on activities will reinforce what the student is learning. Students will dissect a brain, cow eye, sheep heart and sheep kidney through the year. The course concludes with the dissection of a cat with lab practicals that serve as a great review of the entire year. This is a great course for any student considering a career in the medical field and students wanting to understand their body better.

Prerequisites: Chemistry Honors

Grade 11, 12

1 credit

### **AP BIOLOGY**

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.

*AP Biology students should have 3.5 science grade point average.*

Prerequisites: Biology Honors, Chemistry Honors      Grade 11, 12      1 credit

### **INTRODUCTION TO HEALTH SCIENCE**

The course serves as the foundation for Health Science, introducing students to topics such as the history of the medical profession, safety, medical terminology, infection control and the various jobs available in health care. The course focuses on day-to-day skills and expectations for health professionals, which include promoting wellness, maintaining a safe environment, and creating medical records. The course will also teach students basic First Aid such as Cardiopulmonary Resuscitation (CPR), the Heimlich maneuver, automated external defibrillator (AED) use, and anaphylactic emergency epinephrine (EpiPen) use.

Pre-requisite: Biology Honors recommended      Grade 11, 12      1 credit

### **FORENSIC SCIENCE**

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

Prerequisites: Chemistry      Grade 11, 12      1 credit

### **PHYSICS HONORS**

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.

Prerequisites: Geometry Honors, Chemistry Honors      Grade 11, 12      1 credit

### **PLANT SCIENCE**

Students will learn the fundamental skills relating to plant propagation, plant nutrition, garden produce production and seed banks. They will learn the basics of plant physiology and mycology. Students learn the importance of proper soil structure and Ph. Students will sprout and grow plants for produce production in the fall and spring. Students will make sedum gardens. This course will provide hands-on project-driven learning utilizing the school's outdoor classroom, Mary Margaret's Garden. The nine raised beds in the Bee's Bounty Community Garden will be our outdoor classroom. The biology lab and indoor grow stations will provide winter plant propagation. Students will collect seeds from the garden and establish a seed bank. In the winter students will be introduced to landscape design and plan the summer produce garden. Students will share their successful produce production, sedum gardens, flower arrangements, flavored vinegars, and seeds with their families.

Prerequisites: none      Grade 9-12      1 credit

### **TURF MANAGEMENT**

The course is designed to prepare the young individuals in this class to pursue a career in the Turfgrass Management industry, whether it be in Sports Turf, Golf, Agriculture, Seed/Fertilizer Sales or Landscape Management. This class will give students the working knowledge of how to properly care for and maintain sports fields, home landscapes, etc. as well as examine the business side of Turf Management (ordering from vendors, market prices, company exposure). The course will discuss operations and everyday machinery use, basic management practices, soil conservation, chemical applications, growth, mowing, painting, aerating and so much more. Hands-on learning will include helping to maintain athletic fields at the school.

Prerequisites: none      Grade 9-12      1 credit

# **SOCIAL STUDIES**

*4 credits required, including World History or Geography, U.S. History, Government, Economics, and Bible*

## **WORLD HISTORY**

This extensive World History course begins with Renaissance period and ends with the various complexities of the post-9/11 period. In between, students compare, contrast, and analyze the Renaissance and Reformation, the Age of Exploration and Enlightenment, Asian and Middle Eastern Empires, the Monarchies of Europe, the Scientific and Industrial Revolutions, the American and French Revolutions, the Reign of Napoleon, European Nationalism, Colonialism, Changing Empires and Latin American Independence, the great World Depression, World Wars I and II, the Russian Revolution, the Cold War, Communist China, the Struggle for Southeast Asian Independence, Pacific Rim Economies, Modern Africa, the Middle East, Latin America, Europe, and the United States. Geo-politics and geographical regions are taught alongside the World History curriculum.

Prerequisites: none

Grade 10

1 credit

## **WORLD HISTORY HONORS**

This extensive World History course begins with Renaissance period and ends with the various complexities of the post-9/11 period. In between, students compare, contrast, and analyze the Renaissance and Reformation, the Age of Exploration and Enlightenment, Asian and Middle Eastern Empires, the Monarchies of Europe, the Scientific and Industrial Revolutions, the American and French Revolutions, the Reign of Napoleon, European Nationalism, Colonialism, Changing Empires and Latin American Independence, the great World Depression, World Wars I and II, the Russian Revolution, the Cold War, Communist China, the Struggle for Southeast Asian Independence, Pacific Rim Economies, Modern Africa, the Middle East, Latin America, Europe, and the United States. Geo-politics and geographical regions are taught alongside the World History curriculum.

Prerequisites: teacher recommendation

Grade 10

1 credit

## **AP WORLD HISTORY**

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovate.

Prerequisites: none

Grade 10

1 credit

## **UNITED STATES HISTORY**

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.

Prerequisites: World History

Grade 11

1 credit

## **AP UNITED STATES HISTORY**

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.

Prerequisites: AP Geography or AP World History

Grade 11

1 credit

## **GOVERNMENT**

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.

Prerequisites: U.S. History

Grade 12

1 credit

## **AP GOVERNMENT**

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.

Prerequisites: AP U.S. History

Grade 12

1 credit

## **ECONOMICS**

This course introduces economic analysis of individual, business, and industry choices in the market economy. Topics include the price mechanism, supply and demand, optimizing economic behavior, costs and revenue, market structures, factor markets, income distribution, market failure, and government intervention.

Prerequisites: none

Grade 12

0.5 credit

# **SOCIAL STUDIES ELECTIVES**

## **AP PSYCHOLOGY**

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas. This course is equivalent to an Introduction to Psychology class in college. Students enrolled in this course are required to take the AP Exam in May and pay for its fees.

Prerequisites: Biology Honors

Grade 10-12

1 credit

## **BIBLE**

This semester long Bible class will give students a great overview of the Bible from a chronological approach. The course will break the Scriptures into 14 eras which will help the students gain a great understanding of the grand story of the Bible and how it relates to them today. The course will also require Scripture memory and help students to become familiar with finding verses in the Bible.

Prerequisites: none

Grade 9

0.5 credit

### **CRIMINAL JUSTICE**

Criminal Justice serves as a comprehensive survey of how the law enforcement, legal, and correctional systems interact with each other in the United States. Upon completion of this course, proficient students will understand the context of local, state, and federal laws, the concepts of crime control and the judicial process, and the importance of communications and professionalism in law enforcement. Students will have an understanding of sentencing and corrections and juvenile justice.

Prerequisites: none

Grade 11-12

1 credit

### **CONTEMPORARY ISSUES**

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.

Prerequisites: none

Grade 12

1 credit

### **LIFE SKILLS**

A primary purpose of high school is to prepare students for college or other further studies, but successful young adults must also perform in real-world situations. Life Skills is designed to increase student knowledge and skills necessary for everyday living. The course emphasizes automotive management, professional requirements and social etiquette, finances and budgeting, and basic self-care such as cooking, laundry, making medical appointments.

Prerequisites: none

Grade 12

1 credit

### **PSYCHOLOGY**

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.

Prerequisites: none

Grade 9-12

0.5 credit

### **SOCIOLOGY**

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.

Prerequisites: none

Grade 9-12

0.5 credit

# **FOREIGN LANGUAGE**

*2 credits required*

## **SPANISH I**

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.

Prerequisites: none

Grade 9

1 credit

## **SPANISH I HONORS**

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.

Prerequisites: none

Grade 9

1 credit

## **SPANISH II**

This course requires sufficient knowledge gained from Spanish I. It will also reinforce the Spanish I skills of listening, reading, writing and speaking. Instruction is given for improving pronunciation, mastering the basic grammatical 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.

Prerequisites: Spanish I

Grade 10

1 credit

## **SPANISH II HONORS**

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. 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.

Prerequisites: Spanish I Honors

Grade 10

1 credit

## **SPANISH III HONORS**

Students enrolled in this course have successfully completed Spanish II. Students in this course should be able to carry on conversations in Spanish with ease, having good pronunciation and little to no grammatical errors. Students will continue the development of their listening, speaking, reading, and writing skills, with heavy emphasis on vocabulary and grammatical structures. Having mastered the present and past tenses in Spanish I and II, students will focus on other tenses such as the present perfect and subjunctive mood. Upon completion of Spanish III students should be able to not only speak Spanish with ease, but also write in Spanish with ease.

Prerequisites: Spanish II Honors

Grade 11, 12

1 credit

**DUAL ENROLLMENT SPANISH**

An introductory course emphasizing listening, speaking, reading and writing offered through the University of Tennessee Martin. The dual enrollment Spanish iv course is made up of SPAN 111 in the fall and SPAN 122 in the spring.

Prerequisites: Spanish III Honors

Grade 12

1 credit

# BUSINESS AND TECHNOLOGY

1 credit required, including Computer Applications and Personal Finance

## ACCOUNTING

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.

Prerequisites: none

Grade 10-12

1 credit

## MARKETING

The course focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include e-marketing & social networking, green marketing, the global marketplace, and career opportunities.

Prerequisites: none

Grade 9-12

1 credit

## COMPUTER I

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 (Microsoft Office Word, Excel, and PowerPoint).

Prerequisites: none

Grade 9

1 credit

## COMPUTER II

Computer science is the process behind the scenes that allows technology to do its job. It is used in many fields, from entertainment and medicine to engineering and business. Coding is a tool we use to do computer science, but computer science as a field encompasses so much more. Computer science is the study of how we solve real human problems using technology. One of the main tools we use for doing computer science is code, or programming. In this class, we will be using Python as our programming language. The Intro to Computer Science class follows the Amazon Future Engineer Curriculum.

Prerequisites: Algebra I

Grade 10

1 credit

## AP COMPUTER PRINCIPLES

Edhesive has partnered with the University of Texas at Austin's UTeach Institute to launch an online version of the esteemed UTeach CS Principles curriculum. This curriculum has been endorsed by the College Board. UTeach CS Principles has been designed as a year-long high school course that fully addresses the seven "Big Ideas" of computer science and six "Computational Thinking Practices", as specified by the College Board's AP Computer Science Principles curriculum framework. The lessons and materials used throughout this course incorporate Project-Based Learning (PBL), a pedagogical approach that actively engages students in the educational process, improves retention and develops problem-solving, critical thinking, and group communication skills. Through this collaborative, learner-centric approach, students are encouraged to explore the advantages and societal impact of computational technology while developing their own programming and computational thinking skills. The course is roughly 20% coding, and 80% focused on CS applications through project-based, inquiry-based, collaborative learning.

Prerequisites: Algebra I Honors

Grade 10, 11, 12

1 credit

## VEX ROBOTICS/3D PRINTING

Students will use computer software and hardware tools to explore computer programming with Scratch Programming, 3D design (CAD software), 3D printing, and robotics as they engage in this class. This hands-on course is designed to develop computer technology skills for the new jobs of tomorrow.

**VEX** - 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.

Prerequisites: Computer I

Grade 10, 11, 12

1 credit

### **YEARBOOK**

Yearbook is a year-long elective class which produces the FA yearbook. The students in this class will develop skills in graphic design, digital photography, image manipulation software (Herff Jones Design and PicMonkey), advertising, ad design, proofreading, leadership, and cooperative work groups. The students will take all pictures for the yearbook and will also be responsible for selling yearbook ads.

Prerequisites: none

Grade 11, 12

1 credit

### **PERSONAL FINANCE**

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.

Prerequisites: none

Grade 12

0.5 credit

# **FINE ART**

*1 credit required*

## **BAND**

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.

Prerequisites: audition

Grade 9-12

1 credit

## **FILM AND CINEMA**

This course examines and analyses the technical, psychological, historical and musical aspects of movies and how they affect culture in today's world. Grades will be based around class discussions and quizzes as well as projects using iMovie to be presented in class. Quizzes determine how well the students comprehend underlying messages in movies pertaining to particular areas of focus.

Prerequisites: Art I

Grade 11-12

1 credit

## **PERFORMING ARTS**

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.

Prerequisites: audition

Grade 9-12

1 credit

## **PERFORMING ARTS: AUDIO AND PRODUCTION**

Experience behind the scenes of the theatre world in Audio and Production class! Students will learn about stage elements, theatre appreciation, Lights and Lighting Design, Stage properties (props), Costumes/Makeup, Scene Design, Crews/Assignments, Sound Engineering/Recording Box Office/Ticket Sales Publicity during the school year. Students must be available to help out with Performing Arts shows which will be given at the beginning of the school year.

Prerequisites: none

Grade 9-12

1 credit

## **VISUAL ART I**

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.

Prerequisites: none

Grade 9

1 credit

### **VISUAL ART II**

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.

Prerequisites: Art I

Grade 10

1 credit

### **VISUAL ART III**

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.

Prerequisites: Art II

Grade 11

1 credit

### **VISUAL ART IV**

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.

Prerequisites: Art III

Grade 12

1 credit

# **PHYSICAL EDUCATION**

*1 credit required, including Lifetime Wellness*

## **LIFETIME WELLNESS**

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.

Prerequisites: none

Grade 9

1 credit

## **ATHLETICS**

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.

Prerequisites: Coach selected

Grade 9-12

1 credit