

High School Course Descriptions 2025-2026

Algebra I:

Algebra I is the study of real numbers, linear & quadratic functions, polynomials, and data analysis. Tables and graphs will be used to organize data, and to interpret algebraic expressions, equations, and inequalities. These concepts will be investigated and developed through various explorations, problem-solving techniques, and applications.

Algebra II:

Algebra II picks up where Algebra I left off. There will be some overlap, but our focus will be on new learning objectives pertaining to linear systems, matrices, quadratic functions, factoring, polynomials, polynomial functions, rational exponents, radical functions, exponential functions, logarithmic functions, and rational functions.

Algebra III:

This course is a semester course designed to give students a $\frac{1}{2}$ credit in mathematics. It covers topics that are usually associated with intermediate algebra and college algebra. It presents the basic concepts of algebra in a simple, straight-forward way. Algebraic ideas are developed in a logical sequence and in an easy-to-read manner without excessive formalism. Concepts are developed through examples, reinforced through additional examples and then applied in a variety of problem-solving situations. Students are encouraged to organize their work and to decide when a meaningful shortcut can be used.

THESE TOPICS INCLUDE:

- EQUATIONS AND INEQUALITIES
- RATIONAL FUNCTIONS
- PIECEWISE FUNCTIONS
- TRANSLATIONS AND REFLECTIONS OF FUNCTIONS

American Government:

American Government is a study of the formation and functioning of the United States government as well as the interaction between citizens and the government.

Anatomy & Physiology:

Anatomy & Physiology is the study of the human body– its structure and function. We will look at the structure of the body while also analyzing the hormones, proteins, and other building blocks that make us who we are. We will span all areas of anatomy and physiology from individual cells to entire organ systems. The junction of structure and function will be our main focus, with corresponding labs.

AP Calculus:

AP Calculus includes all topics listed in the College Board Calculus AB topic outline. These include functions, graphs, limits, derivatives, and integrals. The primary concern for the course is to develop the students' understanding of the concepts of calculus and to provide experience with its methods and applications. After completing the course, students will be prepared for success on the AP Calculus AB exam and in future college math courses.

AP Computer Science Principles:

For AP Computer Science Principles, we use Apple's AP® Computer Science Principles with Swift curriculum. AP® Computer Science Principles with Swift is designed for high school students who are new to coding. Its goal is to help students build a solid foundation in programming using Swift as the language, while highlighting key computing concepts. Throughout the course, students get practical experience with the tools and techniques needed to build basic iOS apps from scratch. At the same time, they'll gain experience with a new way of thinking that can be applied and understood through everyday scenarios. They'll also learn user interface design principles, which are fundamental to programming and making effective apps.

AP Government & Politics:

AP U.S. Government and Politics is a college-level semester course that not only seeks to prepare you for success on the AP Exam in May, but also provide you with the political knowledge and reasoning processes to participate meaningfully and thoughtfully in discussions and debates that are currently shaping American politics and society. It is important to note that this course is not a history course; it is a political science course that studies the interconnectedness of the different parts of the American political system and the behaviors and attitudes that both shape and are a byproduct of it. Government and Politics accomplishes these goals by framing the acquisition of political knowledge around *enduring understandings* and *big ideas* about American government and politics that can be applied to a set of *disciplinary practices* using a set of *reasoning processes*. Through the development of this set of political knowledge, disciplinary practices, and reasoning processes, by the end of the course, you will be able to analyze current and historical political events like a political scientist and

develop factually accurate, well- reasoned, thoughtful arguments and opinions that acknowledge and grapple with alternative political perspectives.

AP Language & Composition:

AP Language and Composition is *not* a traditional accelerated English class or a harder version of English III. According to the College Board, *“AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.”* At Lamar, AP Language and Composition utilizes American literature when possible. Notable speeches and other non-fiction texts are used as writing prompts for the varying essay types (rhetorical analysis, synthesis, and argument) that are tested in May. Additionally, we read larger works of American literature such as *The Scarlet Letter*, *The Great Gatsby*, and *Their Eyes Were Watching God*. American poems and shorter fiction works are also used to support themes in the course. This course is heavy on writing instruction with several in class handwritten essays completed weekly. AP Lang is for the student who is an engaged reader and has a solid foundation in writing fundamentals. All AP Language and Composition students are required to take the exam in May.

AP Literature & Composition:

AP English IV (Lit & Comp) provides motivated students with the tools to achieve a qualifying score on the AP Literature exam in May as well as a general understanding of the literature of England from the Anglo-Saxon period to the present day. Students will become familiar with the major authors of the literary periods of England as well as the intellectual currents of these authors’ times. Finally, students will gain proficiency in thinking critically about literature and communicating this knowledge both orally in class discussions and in writing as demonstrated in quizzes, tests, and essays. Students should expect to use considerable time outside of class reading, thinking, and writing about the works we are studying.

AP Physics:

AP Physics is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, and torque and rotational motion.

Twenty-five percent of instructional time is devoted to hands-on laboratory work with an

emphasis on inquiry-based investigations. Investigations will require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress.

The course is based on five Big Ideas, which encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

AP Statistics:

AP Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes, with appropriate emphasis given to each:

Exploring Data: Describing patterns and departures from patterns

Sampling and Experimentation: Planning and conducting a study

Anticipating Patterns: Exploring random phenomena using probability and simulation

Statistical Inference: Estimating population parameters and testing hypotheses

AP Statistics draws connections between all aspects of the statistical process, including design, analysis, and conclusions. AP Statistics teaches students how to communicate methods, results, and interpretations using the vocabulary of statistics. Class discussion is encouraged to develop students' ability to communicate statistically. AP Statistics teaches students how to use graphing calculators and demonstrates the use of computers and/or computer output to enhance the development of statistical understanding through exploring and analyzing data, assessing models, and performing simulations. Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course.

AP US History:

The Advanced Placement United States History (A.P.U.S.H.) course is designed to give high school students an opportunity to take a college level course. It gives students a chance to earn college credits while still in high school. A.P.U.S.H. provides the analytical skills and factual knowledge necessary to deal critically with the political, social, and cultural history of the United States. Upon successful completion of this course, students should have a substantial knowledge of United States history and skills in writing answers to document-based questions and free response essays. Students are required to take the A.P.U.S.H. exam in May.

AP World History:

The Advanced Placement World History: Modern (APWHIS) is a challenging full year course that explores the year 1200 to the present day. APWHIS is considered the equivalent of a semester college survey course in Modern World history (equal three credits). In AP World History: Modern, students investigate significant events, individuals, developments, and processes. Students develop and use the same skills, practices, and methods employed by college students and by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change.

Art I:

This course provides an introduction to art through a multimedia experience. Students will learn and apply the elements and principles of design to produce creative art projects that reflect their understanding of these concepts. Students will explore a variety of artists, art processes, and materials such as drawing, painting, printmaking, two & three dimensional design, and digital art. Students will consider concepts and ideas from direct observation, original sources, experiences, and imagination for original artwork. All students are encouraged to do their best, present their work with pride, and respect the efforts of their peers. This is a studio-type class.

Art II:

This course is for students who want an opportunity to advance to a higher level of understanding and skill development in the two-dimensional and three-dimensional areas. Art II builds upon the skills and knowledge learned in Art 1. Stronger emphasis is placed on composition and the creation of original artworks. By reviewing the skills learned in art I, the students will explore basic art media and techniques, such as drawing, painting, graphic design, photography, collage, ceramics, printmaking, and sculpture! Art criticism, aesthetics, and art history are integral parts of the class. This is a studio-type class.

Biblical Worldview:

This course introduces the student to the concept of the worldview, that is the framework of understanding and practice through which people see the events of the world, and therefore interpret those events in light of preconceptions and beliefs. Students will examine the basic views, and look at the way religion has helped further those views. We will approach this

course through the perspective of Christianity and the advantages of a Christian Worldview, while at the same time presenting other views in a respectful manner. We will also consider the history of developing world views, primarily in the last five hundred years. We will consider the meaning of worldview terms, such as atheism, deism, theism, and pantheism.

Biology I:

Biology I is a required 9th grade science course which is a mixture of class discussion, student notes combined with teacher made PowerPoints, and hands-on activities mixed with both hands-on labs as well as virtual labs. This will use the microscope as well as complete some dissections. Students study several topics pertaining to the “study of life” including: • Lab skills, metric measurement, metric conversions, and lab safety

- Basic ecological concepts and problems related to the biosphere and ecosystems as well as endangered populations
- Basic concepts of chemistry important to living systems.
- Cell biology and processes
- Genetics and basic biotechnology
 - Basic concepts related to natural selection and genetic influences to populations
- Concepts related to phylogenetics and diversity of life including viruses, prokaryotes, protista, fungi, plants, and animals
- Overview of human biology

Botany:

Botany is a semester course. Botany is the scientific study of plants and their relationship to the environment. In this course students will study the growth, reproduction, anatomy, morphology, physiology, taxonomy, genetics and ecology of plants.

CAD Engineering I:

Students will learn to use the 3D architectural software, Revit. Revit is used by Architects and Engineers for designing residential and commercial buildings. Students interested in architecture, construction, and engineering will benefit from this course. Students will demonstrate the following skills:

- Design and draw a residential building in 2D and 3D space.
- Prepare a set of plans including floorplan, cabinet elevations, roof plan, and exterior elevations.
- Prepare a rendered drawing of the building.

- Become proficient using Revit.

CAD Engineering II:

Students will learn to use the 3D mechanical software, Inventor. Inventor is used by mechanical engineers and designers to design a wide range of mechanical parts and industrial systems. Inventor is also used to design and prepare models for 3D printing. Students interested in mechanical and industrial engineering and 3D printing will benefit from this course. Students will demonstrate the following skills:

- Design individual models in 3D.
- Prepare engineering drawings from the models.
- Create assembly models and drawings.
- Prepare models for 3D printing.
- Become proficient using Inventor.

Chemistry I:

Chemistry I is a lab-based physical science class. Chemistry is a study of the concepts, ideas, theories, and mathematics utilized to analyze and explain the chemical world. It is strongly recommended that the student possess a high level of abstract reasoning and competencies in mathematical skills.

Chemistry II Honors:

Chemistry II is a lab-based physical science class. Chemistry is a study of the concepts, ideas, theories, and mathematics utilized to analyze and explain the chemical world. It is strongly recommended that the student possess a high level of abstract reasoning and competencies in mathematical skills.

College Algebra:

This course includes inequalities; functions; linear and quadratic equations, circles, and their graphs; applications; polynomial and rational functions; logarithmic and exponential functions; systems of equations. This course will include lectures, discussion, problem solving, homework assignments. This is a Dual Enrollment class with Meridian Community College and students receive 3 semester hours credit for the class.

THESE TOPICS INCLUDE:

- EQUATIONS AND INEQUALITIES

- GRAPHS AND FUNCTIONS
- POLYNOMIAL AND RATIONAL FUNCTIONS
- INVERSE, EXPONENTIAL AND LOGARITHMIC FUNCTIONS
- SYSTEMS AND MATRICES
- FURTHER TOPICS IN ALGEBRA

College Anatomy & Physiology:

College Anatomy and Physiology is a 2-semester dual-credit, lab-science course that grants 8 hours of college credit through Meridian Community College that centers on the study of the human body. Students start exploring the human body at the cell and tissue level and proceed to investigate the anatomy and functions of all organ systems through the remainder of the year. This course involves hands-on lab experience to include microscopy, animal and organ dissections, as well as field trips to digital and real cadaver labs at partnering medical science institutions.

College Biology I:

College Biology I is a 1st semester course offered as a dual credit lecture/lab course offered through Meridian Community College. Students earn 4 college credit hours through successful completion of this rigorous course. As such there are fees related to the course which are paid directly to MCC. The course involves lecture sessions using PowerPoint and study notes, readings from an electronic textbook and lab manual, completion of homework assignments through a website, hands-on labs as well as virtual labs, quizzes on information taught, and unit tests on several chapters. Students are taught at the same level of rigor and expectation as Biology majors at the college level. Order of topics taught are:

- Lab safety, metric measurement and conversion, basic lab skills including microscopy • Scientific method
- Basic chemistry and cell chemistry
- Cell structure and function
- Cell processes such as cell transport, photosynthesis, and cell respiration
- Cell reproduction
- Basic genetics
- DNA and protein synthesis as well as mutations
- Biotechnology
- Students also complete a research project accessing research materials from an online college research database
- Students are also tested on labs via virtual lab practicals
- Students are required to complete the final exam in the course which is comprehensive over all material taught in the course

College Biology II:

College Biology II is a 2nd semester follow-up course to College Biology I. Like College Bio I, it is a dual credit lecture/lab combination course offered through Meridian Community College. Students earn 4 college credit hours through successful completion of this rigorous course. As such there are fees related to the course which are paid directly to MCC. The course involves lecture sessions using PowerPoint and study notes, readings from an electronic textbook and lab manual, completion of homework assignments through a website, hands-on labs as well as virtual labs, quizzes on information taught, and unit tests on several chapters. Students are taught at the same level of rigor and expectation as Biology majors at the college level. Order of topics taught are:

- Evolution
- Ecology
- Microbes
- Plants
- Animals
- Human Biology overview
- Students also complete a projects involving field collecting and online college database research as a portion of test grades
- Students also are tested on labs via traditional lab practicals
- Students are required to complete the final exam in the course which is comprehensive over all material taught in the course

College Trigonometry:

College Trigonometry is a 3-semester hour dual enrollment course. Trigonometry encompasses trigonometric functions and identities and trigonometric equations.

THESE TOPICS INCLUDE:

- TRIGONOMETRIC FUNCTIONS
- ACUTE ANGLES AND RIGHT TRIANGLES
- RADIAN MEASURE AND THE UNIT CIRCLE
- GRAPHS OF THE CIRCULAR FUNCTIONS
- TRIGONOMETRIC IDENTITIES
- INVERSE CIRCULAR FUNCTIONS AND TRIGONOMETRIC EQUATIONS
- APPLICATIONS OF TRIGONOMETRY

Earth Science:

Earth Science is a semester-long course. Upper level high school students will study our home planet and all of its components: its lands, waters, atmosphere, and interior. They will also explore the universe beyond Earth: planets and their satellites, stars, galaxies, volcanoes, weather, erosion, and minerals.

Ecology:

Ecology is a semester course. Ecology studies the behavior of plants, animals and organisms within their environments and ecosystems. This includes the study of different types of populations, communities and ecosystems. Topics include population structure and growth, species interaction, energy flow, nutrient cycling, succession, and applications to current environmental management issues.

Economics:

This course examines the basic principles of Economics, including the analysis of how commercial agents behave or interact and how economies work by looking at production, distribution, and consumption of goods and services. The class includes student participation in The Stock Market Game, a simulation designed to teach the basics of how the Stock Market operates. An overview of the principles of microeconomics and macroeconomics will be presented.

Economics Honors:

Honors Economics is an in-depth study of the national economy with a mix of microeconomic and macroeconomic aspects. This course introduces the workings of supply and demand, inflation, the banking system, and fiscal, monetary, and other government policies that influence them. The course includes a business proposal project in which students generate a business model of their choice and present that model to a panel to request financing to get their business started.

Introduction to Engineering:

Introduction to Engineering is a project-based course. Students will learn about engineering and the technological world as they apply creativity and innovation to their projects. They will also be offered the opportunity to learn more through field trips and from visiting speakers.

Engineering:

Engineering is an extension to the Introduction to Engineering course. Students will apply the knowledge and skills that they acquired in Introduction to Engineering as they complete advanced projects. They will have the opportunity to take field trips and meet guest speakers as they explore different fields of engineering.

English I:

The primary focus of English I is on independent thinking and writing. Over the course of the year, students will become comfortable with identifying a variety of literary devices and engaging with literary analysis through tests, writing, quizzes, homework, and class discussion. The class is designed to familiarize students with a wide range of literary works including novels, short stories, essays, a drama, and an epic, all thematically based upon the overarching theme of the class, coming-of-age. Required texts may include: *Adventures in Reading* – textbook; William Golding's *Lord of the Flies*; John Knowles' *A Separate Peace*; Erich Maria Remarque's *All Quiet on the Western Front*; Ray Bradbury's *Dandelion Wine*; George Orwell's *Animal Farm*

Accelerated English I:

The primary focus of Accelerated English I is on independent thinking/writing. Over the course of the year, you will become comfortable with identifying a variety of literary devices and engaging with literary analysis through tests, writing, quizzes, homework, and class discussion. Accelerated English requires a higher standard of critical thinking and work ethic in order to be successful. Students should expect, to participate in student led in-depth class discussions, more readings, and a greater number of writing assignments. The class is designed to familiarize students with a wide range of literary works including novels, short stories, essays, a drama, and an epic, all thematically based upon the overarching theme of the class, coming-of-age. Required texts may include: *Adventures in Reading* – textbook; William Golding's *Lord of the Flies*; John Knowles' *A Separate Peace*; Erich Maria Remarque's *All Quiet on the Western Front*; Ray Bradbury's *Dandelion Wine*; George Orwell's *Animal Farm*

English II:

This class will explore World Literature by reading works spanning from the Golden Age of Greece to present day. We will read major works known for their lasting cultural significance from each continent. This will enable students to acquire an overview of major works of literature and help students to understand how religion, social structure, and economic situations directly impact how we perceive the world around us. This class will engage in research, literary analysis, synthesis, and ACT prep to further develop critical thinking and writing skills.

Accelerated English II:

This class will explore World Literature by reading works spanning from the Golden Age of Greece to present day. We will read major works known for their lasting cultural significance from each continent. This will enable students to acquire an overview of major works of literature and help students to understand how religion, social structure, and economic situations directly impact how we perceive the world around us. This class will engage in research, literary analysis, synthesis, and ACT prep to further develop critical thinking and writing skills. Accelerated English II is a rigorous course that is recommended for students who plan on taking AP English courses their junior and senior years. Students can expect to read extremely challenging material, engage in student-led discussion, and write more frequently.

English III:

English III is a more traditional college preparatory English course that exposes students to the literature of America as a new nation through modern times. The themes found in varying genres run parallel with the events and responses in American history. Although much of our country's first literature was in the form of non-fiction works such as journals, speeches, and sermons, most of the works studied post 1850 are fiction pieces. In English III, students will read poems, short stories, and excerpts of classic authors along with longer novels. Writing with voice is also emphasized with a study in memoir. In addition to reading, students will write academic papers in the forms of literary analysis and argument, as well as informal pieces and personal narratives in their journals.

English IV:

English IV provides students with a general understanding of the literature of England from the Anglo Saxon period to the present day. Students will become familiar with the major authors of the literary periods of England as well as the intellectual currents of these authors' times. Finally, students will gain experience in communicating this knowledge both orally in class discussions and in writing as demonstrated in quizzes, tests, and essays.

Geography:

In Geography, students will master the foundational concepts of the social science of geography. The physical and human geography of the following countries/regions will also be explored: United States and Canada, Latin America, Europe, Africa, Southwest Asia, and Southeast Asia and Oceania. Each unit will include a detailed map study of the physical geography of the country/region and an expansive content overview of the exploration, economy, education, religion, and settlement of the

country/region.

Geometry:

Geometry is an SOL-based course in Euclidean Geometry that emphasizes proof, investigation, problem solving, and applications in the real world. Topics will include Lines and Angles, Logic and Proof, Polygons and Circles, Coordinate Geometry, Transformations, and Three-Dimensional Figures. Algebra skills will be interwoven throughout the course and clear communication using proper geometric and mathematical notation will be emphasized.

Health:

This course will provide an overview that promotes wellness and health literacy, encouraging positive behavior now and for a lifetime of health. Attention will be given to the six components of health as follows: physical, emotional, social, mental, spiritual, and environmental health.

Journalism:

In journalism, 11th and 12th graders can choose this course as an elective/art credit. Together, students will work on two main publications: *Postscript*, a literary magazine that highlights student life and current events in and around Lamar School, and *Le Corsair*-Lamar's preK-12th yearbook. Graphic design is taught through outlets like Canva and the software by Walsworth, our current yearbook publisher. In addition, students operate a new Instagram called "Raiders Write" which provides links to articles, student reminders, and other newsworthy information for students and families. Students in journalism must be creative, self-directed, outgoing, and motivated. Students will be required to write often and brainstorm ideas to generate more readers for our publications, take pictures at multiple Lamar events on and off campus, and meet deadlines required by our yearbook publishing company.

Kinesiology:

Kinesiology is a semester course. During this course we will study the movements of the human body and how it works in a 3-D space. We will discuss the scientific methods of how the body produces energy, forces, and motions. We will also have in depth discussions of how the body works and what is causing the body to react in such a way. Also, we will discuss injury prevention techniques and learn different ways and treatments to help the body recover and function to its full potential.

Marine Science:

Marine Science is a semester-long course for upper level high school students. Marine Science explores topics such as water explorers and navigators of the oceans, diatoms, natural selection, simple marine

animals, dichotomous keys, and the cell. Students participated in hands-on activities as they delve into the mysterious world of water.

Multimedia:

The Multimedia Studies Class is an introduction to creating different types of media. Students will learn to combine technical skills, artistic expression and critical thinking by using software and media tools. This will include the basics of web design, digital imaging, illustration, animation, audio, video, photography, motion graphics, special effects and interactive media to teach, train, or entertain.

Physical Science:

Physical Science is a yearlong course. This course will show students how the natural non-living world operates. We will discuss and participate in the scientific method and how to logically graph and write scientific results from experiments performed. These experiments will relate to the following subjects: energy, motion, electricity, and chemistry.

Physics:

Physics is the most all-encompassing of the sciences. Physics attempts to understand how everything works, from the smallest sub-atomic particle to the universe as a whole. It is the framework on which all science and technology is built. To provide an introductory physics curriculum that is accessible to the widest range of students, this course is taught *conceptually* – where verbal and experimental reasoning are prioritized over mathematical problem solving. While mathematics is used extensively, it is used as a tool to create predictions about the workings of the natural world. This course not only teaches physics ideas, but also critical thinking and investigative skills necessary for life. In this class students learn how to connect real-world phenomena with physics concepts through investigation and data analysis.

Precalculus Honors:

Precalculus completes the formal study of the function begun in Algebra I and Algebra II. Students focus on modeling, problem solving, data analysis, trigonometry, polar coordinates, complex numbers, and quadratic relations. Discrete topics include the Binomial Theorem along with sequences and series.

Psychology:

This class will explore psychology through the study of theorists, real-world data collection, and written assignments. The goal of this class is to provide students with a basis for the subject of psychology. We will have guest speakers, hands-on projects, and (hopefully) field trips.

Senior Math:

Senior Math is the study of real numbers, linear equations, various functions, polynomials, and data analysis. Tables and graphs will be used to organize data, and to interpret algebraic expressions, equations, and inequalities. These concepts will be investigated and developed through various explorations, problem-solving techniques, and applications. The main purpose of this class will be to prepare students for their entry-level college mathematics courses while also reviewing them for the ACT.

Spanish I:

Spanish I provides the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary, cultural information, and basic grammatical structures. Students will work to attain the acquisition of four skills: listening, speaking, reading, and writing. The primary objective is to build a foundation of vocabulary and grammatical concepts for which the student can carry on a basic conversation.

Spanish II:

Spanish II builds upon the foundation established in Spanish I, with a continued focus on listening, speaking, reading, and writing. The course deepens students' understanding of the Spanish language through more advanced vocabulary, grammar, and conversational skills. Emphasis is placed on verb conjugations, sentence structure, and communication in everyday contexts. Students will also explore more detailed cultural information and develop their ability to engage in extended conversations. The goal is to enhance fluency and comprehension while strengthening the skills needed for practical communication.

Communications:

Communications is designed to help students communicate effectively in a variety of situations on a variety of topics. We will practice the skills needed to be thoughtful communicators in academic settings, social settings, and, one day, workplace settings.

Sociology:

This class will explore sociology through the student of theorists, real-world situations such as true crime and current events, and written assignments. The goal of this class is to provide students with a basis for the subject of sociology. We will have guest speakers, hands-on projects, and possibly field trips.

Statistics:

Statistics is the practice or science of collecting and analyzing numerical data in large quantities, especially for the purpose of inferring proportions in a whole population from those in a representative sample. In this class we will focus on the proper collection, analysis, interpretation, and presentation of data. This is an introductory one semester course through which you will learn the basic concepts of collecting data, graphically representing data, summarizing data numerically, making logical inferences from data, and drawing conclusions from data.

US History:

United States History is an in-depth look at our country and its founding fathers. Students will have an enhanced study of the past through Lecture, classroom notes, and discussion while realizing how the history of our country impacts our lives today.

World History:

10th grade World History is a survey course. Students will study, generally speaking, a broad overview of human history in its entirety beginning with the rise of civilizations in West Asian River valleys (4000 BCE - 3000 BCE) through post World War II (1945 CE - Present). Over the course of the year, students will study a variety of human civilizations spanning across multiple continents and their contributions to agriculture, trade, government, technological innovation, religion, and nation-building, to name a few. By the end of the school year, students will have gained knowledge on every major event/advancement in world history that has led to the present day.

Zoology:

Zoology is a two-semester course that surveys the nine major phyla of the Kingdom Animalia. This course discusses the branch of biology that deals with animals and animal life, including the study of the structure, physiology, development, and classification of animals. Topics include:

- symmetry and body plan
- Germ layers and embryonic development
- Organ systems
- Locomotion and coordination
- Animal behavior and the protective adaptations of animals.

2025-2026

Course content subject to change.