



High School Course Catalog

2017–2018

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2017/2018 HIGH SCHOOL COURSE LIST

Key to Course Listing

P - College Prep Course

VPA – Meets AAS visual performing art requirement (not a-g approved)

(S) – Semester course

* a-g approved course

++ Not a-g approved course, but accepted by community college/meets graduation requirements

Not a-g approved for both content and lab

English

English 9	P*
English 10	P*
English 11	P*
English 12	P*

Mathematics

Algebra I	P*
Geometry	P*
Algebra II	P*
Advanced Math (Trigonometry/ Pre-Calculus)	P*
Business Math	P*

Science

Life Science

Biology	P#
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Physical Science

Physical Science	P#
Chemistry	P#
Physics	P#

Social Science

World History	P*
American History	P*
American Civics & Government (S)	P*
Economics (S)	P*

Foreign Language

Spanish I	P*
Spanish II	P*
Spanish III	P*

Visual and Performing Arts VPA)

2 Dimensional Design (S)	VPA++
Art History	VPA++

Elective Courses

AVID (9 th grade elective option)	++
AVID Peer Tutor	++
Botany & Zoology (S)	++
Character Education (S)	++
Child Development (S)	++
Computer Basics (S)	++
Crime Lab	++
Environmental Science (S)	++
Financial Literacy (S)	P*
Health (S)	++
Hospitality & Tourism (S)	++
Human Anatomy & Physiology (S)	++
My Success (S)	++
Psychology	P*
Retailing (S)	++
Sociology	P*
World Religions (S)	++

Physical Education

Physical Education 9	++
Physical Education 10	++

Note: Course Availability Dependent on Enrollment

COURSE DESCRIPTIONS

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ENGLISH LANGUAGE ARTS

ENGLISH 9A FRESHMEN ENGLISH, 1ST SEMESTER

In Introductory Rhetoric and Composition, scholars acquire skills for speaking and writing formally, with an emphasis on persuading audiences. Scholars examine persuasive arguments in historical and contemporary texts to identify and evaluate rhetorical techniques. They learn ways to evaluate use of language, determine meanings, make inferences, grasp central ideas, evaluate bias, and draw conclusions as they examine both written texts and oral presentations. Other selections illustrate the use of characterization, setting, mood, and conflict in nonfiction literature, and give scholars practice in evaluating consumer documents. The course also covers grammar and usage, punctuation, and correct spelling and meanings of vocabulary terms. Scholars receive guided instruction in paraphrasing, analyzing evidence, recognizing symbolism, and identifying figurative language. Scholars independently read Eliza Houghton Donner’s autobiography “The Donner Party” and submit a reading journal tracking their responses to the work. Additional writing activities give scholars practice in researching and organizing persuasive, narrative, and expository compositions.

PRE-REQUISITES: None

ENGLISH 9B FRESHMEN ENGLISH, 2ND SEMESTER

Introduction to Literature emphasizes reading comprehension strategies, increasing and expanding vocabulary and its comprehension in context, making connections to literature, and analyzing the author’s craft. Scholars learn techniques for evaluating authors’ use of language, determining meanings, making inferences, grasping central ideas, and drawing conclusions. The course provides guided instruction in paraphrasing, analyzing evidence, recognizing symbolism, and identifying figurative language. Studies of poetry focus on recognizing poetic forms, rhyme schemes, and cadences. Scholars independently read Ayn Rand’s “Anthem.” Class activity includes reading extensive excerpts from “The Odyssey,” as well as “Romeo and Juliet” in its entirety. These literature studies provide experience in understanding archetypes, identifying conflict, analyzing the influence of setting, and probing aspects of characters. Scholars submit journal entries to demonstrate regular writing practice. Writing activities provide scholars with practice in organizing and developing a literary analysis, as well as writing narrative and expository compositions.

PRE-REQUISITES: None

ENGLISH 10A SOPHOMORE ENGLISH, 1ST SEMESTER

Intermediate Rhetoric and Composition is a course for 10th grade scholars who are at or near grade level in language arts skills. Emphasis is placed on grammar and usage, spelling, writing skills, punctuation, and literary nonfiction. Writing activities give scholars practice in researching, organizing, and developing descriptive, persuasive, narrative, and expository compositions. Intermediate Rhetoric and Composition continues to investigate the writing and discourse processes while supplementing them with the reading strategies necessary to comprehend and compose nonfiction texts. The course also examines persuasive arguments through rhetorical techniques that enable both self-expression and persuasion of others. The course asks the student to put forth effort to understand the different ways of acquiring and delivering information. Increasing knowledge of rhetoric and composition helps scholars become more effective at communication. By honing skills in the areas of reading and writing, scholars can maximize their contributions in both the academic and professional worlds.

PRE-REQUISITES: 9th Grade English

ENGLISH 10B SOPHOMORE ENGLISH, 2ND SEMESTER

World Literature broadens scholars’ reading experience with exposure to literature from multiple eras and cultures. The course includes diverse reading selections such as epic poetry, folktales, ancient verses, Greek tragedy, short stories, and excerpts from novels. Scholars are instructed in techniques for evaluating authors’ use of language, determining meanings, making inferences, grasping central ideas, interpreting characters, and drawing conclusions to enable them to evaluate literary elements in these works. The course includes a concentrated study of classic Greek drama as scholars read “Antigone” by Sophocles. The course provides guided instruction in analyzing evidence, comprehending context clues, recognizing symbolism, and identifying figurative language. The course also covers language skills, such as using affixes to affect word meaning and understanding denotative and connotative meanings to enhance word choice. Writing activities challenge scholars’ reading comprehension and composition skills with short projects involving research and writing, as well as producing character analysis and personal narrative essays.

PRE-REQUISITES: Preferably 9th Grade English

ENGLISH 11A JUNIOR ENGLISH, 1ST SEMESTER

A Survey of Informational Text presents scholars with nonfiction works in a number of genres. Scholars examine seminal American documents ranging from Thomas Paine’s “Common Sense” through Barack Obama’s second inaugural address. Scholars learn ways to evaluate use of language, determine meanings, make inferences, grasp central ideas, evaluate bias, and draw conclusions by examining these works. The course also builds on scholars’ abilities to speak and write formally, with an emphasis on persuading audiences. Scholars analyze persuasive arguments on subjects ranging from environmental conservation to legal decisions involving the First Amendment as they learn to identify elements of argument and to use rhetorical devices. Using other nonfiction works, the course guides scholars in recognizing the importance of analyzing evidence, recognizing symbolism, examining word choice, and identifying figurative language in nonfiction literature. The course also covers grammar and usage, punctuation, and correct spelling and meanings of vocabulary terms, and exposes scholars to several types of consumer documents.

PRE-REQUISITES: 10th Grade English

ENGLISH 11B JUNIOR ENGLISH, 2ND SEMESTER

A survey course in American Literature. It involves the study of styles, techniques, philosophies, biographies, and ideas of major American writers as well as the historical events that influenced their works. The course emphasizes critical and analytical thinking, reading, and writing skills. In addition to the coursework of reading and interpreting literature from the textbook, scholars will read novels, short stories, and poems. American Literature examines the literary writings, discourse, and events that took place from the inception of the United States to the present day. This course involves scholars and pushes them to examine their own idea of culture and nationalism.

PRE-REQUISITES: 10th Grade English

ENGLISH 12A SENIOR ENGLISH, 1ST SEMESTER

Advanced Survey of Informational Text presents scholars with nonfiction works in a number of genres, including government publications, online articles, magazine articles, and oral presentations. Scholars read and analyze seminal American documents to determine meanings and grasp central ideas. The course guides scholars in recognizing the importance of analyzing evidence, recognizing symbolism, examining word choice, and identifying figurative language in nonfiction literature. Throughout the course, scholars focus on logical thinking and the writing process, with an emphasis on persuasive writing. They learn to identify elements of argument and to recognize and use rhetorical devices as they examine persuasive speeches and texts from many eras. As they examine these and other nonfiction works, scholars learn to evaluate use of language, make inferences, evaluate bias, and draw conclusions. The course also covers basic composition techniques and reviews use of correct grammar, spelling, and punctuation. Collaborative discussions allow scholars to examine complex ideas arising from the texts and exchange ideas and insights about specific kinds of nonfiction writing. Scholars also complete rigorous writing assignments.

PRE-REQUISITES: 11th Grade English

ENGLISH 12B SENIOR ENGLISH, 2ND SEMESTER

British Literature is a survey of British literature from the Middle Ages through the Modern Period, with an emphasis on critical analysis and composition skills. This course focuses on the study of styles, techniques, philosophies, biographies, and ideas of major British writers. In English 12B, scholars examine the evolution of British culture and literature by reading and analyzing the Old English epic poem “Beowulf,” Shakespearean sonnets, Mary Shelley’s “Frankenstein,” and other classics that span 1,500 years of English literature. Scholars explore engaging readings and video presentations of novels, short stories, plays, and poems, ranging from Utopia to dystopia and beyond.

PRE-REQUISITES: 11th Grade English

MATHEMATICS

ALGEBRA 1A

Scholars in Algebra 1A begin by looking at the relationships between quantities, and by reasoning with equations. They proceed to study linear and exponential relationships, with the focus in this first course on linear relationships. They also spend some time analyzing descriptive statistics. Algebra 1A represents the first half of first-year algebra aligned to the rigorous standards. In this course, scholars explore the fundamentals of algebra. They start with the basics of expressions and equations, and they progress into linear equations and inequalities, including systems and transformations, as well as modeling in context. Scholars finish with a short introduction to basic statistics. Scholars have the opportunity to see how the knowledge they learned in middle school math can be applied specifically to linear equations, inequalities, and systems. Later, in Algebra 1B, scholars set the basis for understanding quadratics, as well as learning more about the logical progression of mathematics, which sets the scholars up for success in Geometry and Algebra 2.

PRE-REQUISITES: None

ALGEBRA 1B

Scholars in Algebra 1B begin by exploring quadratic equations and quadratic functions, and then move on to factoring expressions. Next, they work on exponential functions and their graphs. Scholars conclude the course by looking at functions that fall into other categories. Algebra 1B is the second half of first-year algebra aligned to the rigorous standards. In this course, scholars explore the fundamentals of Algebra. They begin by exploring quadratic equations, relating them to, and building upon, their knowledge of linear equations. Scholars then work on quadratic functions, including how to solve for the zeros of a function by using factoring and other methods. Next, scholars dive into exponential functions, with a focus on comparing these functions to linear and quadratic functions, as well as transformations on the functions. Finally, scholars wrap up their understanding of algebra by looking at absolute value, piecewise, and step functions. Scholars have the opportunity to see how linear, quadratic, and exponential functions are related, and how they differ. They'll set the basis for understanding the inter-relatedness of functions in Algebra 2, as well as learn more about the logical progression of mathematics, which sets scholars up for success in both Geometry and Algebra 2

PRE-REQUISITES: Algebra 1A

GEOMETRY A

The content in each lesson of Geometry A is interwoven, in a story-telling style, with the adventures of Geomethor, a superhero who strives to save his world through the use of geometry. Scholars explore congruence, proofs, and constructions in the first three units before they continue on to study similarity, additional proofs, and trigonometry in the next two units. Scholars conclude their studies by extending to the third dimension. Geometry A is the first half of the full Geometry course. Scholars in this course develop a deep understanding of the logical and rigorous proving system of geometry. Scholars begin by looking at congruence, proofs, and constructions. In doing so, they define and use the basic geometric terms, then advance to proving statements about lines, angles, triangles, and quadrilaterals. Scholars apply the knowledge they have of planar transformations to learn a formal definition for similarity, and then they use that definition to write proofs and construct figures. In addition, scholars are introduced to trigonometry through its connection to the concept of similarity. Finally, scholars explore three-dimensional figures such as planar solids and solids of revolution. Scholars have the opportunity to apply the basic understanding of geometric figures that they achieved in middle school mathematics to a more formal, rigorous proof system. Scholars also incorporate algebraic concepts into the same formal proof methodology. In doing so, scholars can better prepare themselves for the complexity of Algebra 2 and also have a basis for understanding the concepts of calculus and advanced mathematics.

PRE-REQUISITES: Algebra 1A & Algebra 1B

GEOMETRY B

The lessons in Geometry B are all written in a story-telling style, following the adventures of Hypatia, a hero of Geometry, as she helps save her world through the use of Geometry. Scholars will explore connections between algebra and geometry, through coordinates, circles with and without coordinates, and applications of probability. Geometry B is the second half of the Geometry course. Scholars will continue to apply the rigorous proofs that were a part of Geometry A as well as look at coordinates and how they can be analyzed to produce certain figures and relationships. Scholars will start by proving simple geometric theorems algebraically and translating between geometric descriptions and equations of conic sections. Then, scholars will learn and apply theorems about circles, find arc lengths and areas of sectors, and apply geometric concepts in modeling situations. Finally, scholars will look at probability and rules of independence and dependence, conditional probability, compound events, and outcomes while also examining probability models. Scholars will have the opportunity to apply their basic understanding of geometric figures they achieved in middle school mathematics and Geometry A to elements of probability as well as analysis. Scholars will also incorporate algebraic concepts into formal proof methodology. In so

doing, scholars will be better prepared for the complexity of Algebra 2 and also have a basis for understanding the concepts of Calculus and advanced mathematics

PRE-REQUISITES: Geometry A

ALGEBRA 2A

Algebra 2A is an advanced course in mathematics. It gives you the opportunity to further your skills in the areas of interpreting and evaluating algebraic expressions. If you are planning to go on in any science, engineering, accounting, or mathematical field, this course provides excellent preparation.

PRE-REQUISITES: Algebra 1 & Geometry

ALGEBRA 2B

Algebra 2B completes the studies of high school algebra and prepares scholars to advance to trigonometry, pre-calculus, and beyond. This course provides the opportunity for scholars to develop and strengthen skills to read and evaluate algebraic expressions. Topics covered include exponential and logarithmic functions, rational and radical functions, properties, and attributes of functions, conic sections, and data analysis. It also includes an introduction to probability and trigonometry.

PRE-REQUISITES: Algebra 2A & Geometry

ADVANCED MATH A

Trigonometry can be thought of as a specialized study of Geometry. Focusing on the study of triangles, angles, and trigonometric functions, it provides scholars with experience in advanced mathematic concepts. From a practical point of view, scholars see how measurements and formulas shed light on everyday life. They find that trigonometry can save a life on a raft, predict astronomical events, and locate a forest fire.

PRE-REQUISITES: Algebra 2B

ADVANCED MATH B

Pre-calculus expands the student's knowledge of Algebra and Geometry. Pre-calculus covers functions and their graphs, equations and inequalities, polynomial and rational functions, exponential and logarithmic functions, sequences and series, and analytic geometry. This course assists the student in making the transition to college level mathematics. By the time the student completes this course, the student will be prepared for Calculus!

PRE-REQUISITES: Algebra 2B

BUSINESS MATH A

Practical Math & Life Skills provides the mathematical tools by which scholars move toward becoming financially literate. Scholars understand the realities of making money, deductions on income, selecting accounts, and making large purchases, such as buying a car or a home. Scholars practice research skills, and employ the power of mathematics and their own creativity to plan, interpret, and manage their personal finances

PRE-REQUISITES: Algebra 1 & Geometry

BUSINESS MATH B

Business Math provides the mathematical tools by which high school scholars might become financially literate. This course concentrates on business-related skills that require mathematics. As scholars practice calculations, find percentages, solve unknowns in equations, use spreadsheets, and work with exponents, they learn about the ins and outs of running a business.

PRE-REQUISITES: Algebra 1 & Geometry

SCIENCE

Life Science

BIOLOGY A

Biology A introduces scholars to the scientific method and the major concepts of biology from an historical and practical viewpoint. The three major themes of this course are the cell, the molecular basis of heredity, and the interdependence of organisms. Scholars who take this class will have a deeper appreciation for the complexities of living organisms.

PRE-REQUISITES: None

BIOLOGY B

Biology B is a continuation of the basic course in biology, Biology A. The major concepts covered are population dynamics and evolution. Scholars explore population dynamics through the study of mutualism, predation, parasitism, and competition. The theory of evolution is presented, along with the many evidences and details that make evolution the backbone of modern biology. A full year of Biology constitutes a lab science.

PRE-REQUISITES: None

Physical Science

PHYSICAL SCIENCE A

Physical Science A provides an introduction to the world of chemistry. The course begins by providing an introduction to science as a whole and the basic methods and tools that scientists use to produce meaningful results. Scholars then explore the structure and properties of matter and how it changes in response to energy. Next, scholars practice reading and interpreting the information on the periodic table as well as chemical names, formulas, equations, and models. Scholars also discover the types and the properties of reactions, mixtures, solutions, acids, and bases. Finally, scholars examine both the scientific principles and the human applications of nuclear reactions. Throughout the course, scholars explore the historical perspectives and modern social implications of the course topics. This course uses a multimedia format that includes text, videos, animations, interactive activities, and group discussions. In self-check activities and quizzes, scholars practice what they learn and correct misconceptions or uncertainties before taking assessments. Scholars complete a unit exam and deliver a unit project in each unit. Teacher feedback is provided throughout the course.

PRE-REQUISITES: None

PHYSICAL SCIENCE B

Physical Science B provides an introduction to the world of physics. The course starts out by building a foundation of what it means to be scientific by describing the ways scientists think, communicate, and do their jobs. Next, scholars cover important aspects of motion and force, including the motion of fluids and how motion relates to Newton's laws. Building up from these fundamentals, scholars then explore the topics of thermodynamics, energy, work, and machines. The nature and properties of waves are covered next, and then the course ends by examining electricity and magnetism. Throughout the course, scholars parallel their investigation into the scientific method with a course project that introduces them to the field and processes of engineering. This course uses a multimedia format that includes text, videos, animations, interactive activities, and group discussions. In self-check activities and quizzes, scholars practice what they learn and correct misconceptions or uncertainties before taking assessments. Scholars complete a unit exam and deliver a unit project in each unit. Teacher feedback is provided throughout the course.

PRE-REQUISITES: None

CHEMISTRY A

Chemistry A covers the basic principles and properties of matter. Scholars discover how chemistry has evolved, learn about chemical lab equipment, techniques, and safety, and explore the proper way to make measurements to reduce error and uncertainty. Scholars also explore atomic structure, periodic laws, types of bonding, chemical reactions, and stoichiometry. This course uses a multimedia format that includes text, videos, animations, interactive activities, labs, and group discussions. In self-check activities and quizzes, scholars practice what they learn and correct misconceptions or uncertainties before taking assessments. Scholars complete a unit exam and deliver a unit project in each unit. Teacher feedback is provided throughout the course.

PRE-REQUISITES: Algebra 2A & 2B

CHEMISTRY B

Chemistry B focuses on the energy involved in chemistry and the uses for several types of chemical reactions. Scholars begin by refreshing and deepening their understanding of the basics of matter and their relation to energy. Next, scholars explore the properties of solutions, including acids, bases, and their reactions. Then, scholars dive into thermodynamics, electrochemistry, organic chemistry, and finally nuclear chemistry. In this course, scholars develop a solid understanding of several universal scientific principles and learn to manipulate the applications of chemistry in real-world settings. This course uses a multimedia format that includes text, videos,

animations, interactive activities, and group discussions. In self-check activities and quizzes, scholars practice what they learn and correct misconceptions or uncertainties before taking assessments. Scholars complete a unit exam and deliver a unit project in each unit. Teacher feedback is provided throughout the course.

PRE-REQUISITES: Chemistry A, Algebra 2A & 2B

PHYSICS A

This course is a survey of the major themes of physical science including atomic theory, dynamics, energetics, thermodynamics, electricity, quantum mechanics, and particle physics. Interactive demonstrations and virtual labs allow the student to visualize and explore the laws and theories of physics. Scientific history, methods of exploration, and philosophy are also presented.

PRE-REQUISITES: Biology A & B, Algebra 2A & 2B

PHYSICS B

Physics B starts from classical physics and journeys to particle physics and modern electronics. Topics include the nature of light, wave motion, sound flow, optics, and electromagnetic fields. Scholars are introduced to Maxwell's field theory, which laid the foundation for Einstein and Planck to explore relativity and quantum mechanics. A full year of Physics constitutes a lab science

PRE-REQUISITES: Physics A, Algebra 2A & 2B

SOCIAL SCIENCES

WORLD HISTORY A

World History A explores the key events and global historical developments from hunter-gatherer societies to the Industrial Revolution. It begins with analysis of early prehistoric people from the Paleolithic era to the Agricultural Revolution. Scholars follow the rise and fall of early empires and then consider the fall of the Rome Empire and its aftermath. Continuing through the Middle Ages, scholars analyze the Crusades, feudalism, the plague, and Asian empires. They explore the impact and effects of the Renaissance and Protestant Reformation on human culture and analyze conflicts between the Roman Catholic Church and Protestant and Catholic reformers. Examining the Age of Exploration, scholars study European explorers seeking out new trade routes to Asia, the discovery of the Americas, the rise of joint-stock companies, the slave trade, and emergence of the American colonies. Scholars analyze important revolutions in history, including the Scientific Revolution and Enlightenment, the American and French Revolutions, South American Revolutions, and the Industrial Revolution.

Throughout the course, scholars examine and analyze materials that describe historical periods and interact with primary and secondary sources, readings, biographies, and other materials that paint a picture of world history and encourage scholars to explore historical topics. Discussions with peers help scholars think creatively and critically about topics. The projects that span the course are designed to develop and sharpen the scholars' writing skills.

PRE-REQUISITES: None

WORLD HISTORY B

World History B picks up where World History A concluded with examining revolutions in the world and the establishment of European colonies around the globe. This course begins by exploring European colonies and the impact of European imperialistic desires on those colonies, in some instances leading to rebellions and in others to war crimes. Scholars trace the thwarting of the Napoleonic Empire and how imperialism led to great wealth for many nations. They analyze how this promoted cultural differences and led to nationalism, eventually resulting in World War I. Scholars analyze the effects of the First World War, including the Great Depression and internal colonial rebellions, and how this set the stage for the Second World War. Scholars then examine the two spheres of influence that emerged after World War II, resulting in a 45-year Cold War between the United States and the Soviet Union, with global effects on political, cultural, and economic realms. The course explores the power vacuum that emerged following the Cold War and how its end affected various nations in the world. Analyzing modern-day concerns, scholars learn about the impact of increased communications, news, and social media, economic globalization, environmental and energy issues, and technological advances and threats associated with them.

Scholars examine and analyze materials that describe historical periods and interact with primary and secondary sources, readings, biographies, and other materials that paint a picture of world history and encourage scholars to explore historical topics. Discussions with peers help scholars think creatively and critically about topics. The projects that span the course are designed to develop and sharpen the scholars' writing skills.

PRE-REQUISITES: None

AMERICAN HISTORY A

American History A covers the establishment and growth of the United States, with a focus on the ideas that shaped America's history. The course covers European exploration and the impact Europeans had on the lives of those native to North America. Included are the foundation of British colonies in North America, the founding of the United States, the War of 1812, US western expansion, the Civil War, Reconstruction, the Indian Wars, immigration, American imperialism, the Progressive movement, and World War I. Special focus is given to the ideas that shaped the history of those living in the United States. Scholars review the American Revolution as they probe the major influences on the development of democracy and the principles of the US Constitution. They study the influence of movements including the Great Awakening, women's suffrage, civil rights, and industrialism on the nation's development. The course also examines the role of citizenship in the nation's growth and political development.

Scholars examine and analyze materials that describe historical periods and interact with primary and secondary sources, textbook readings, biographies, period literature, and other materials that paint a full picture of early American history and encourage scholars to explore historical topics. Discussions with peers help scholars think creatively and critically about each topic. All units include projects designed to develop and sharpen the scholars' writing skills.

PRE-REQUISITES: None

AMERICAN HISTORY B

American History B begins by evaluating the changing lifestyle of Americans during the 1920s, and how their lives dramatically changed as the United States experienced the Great Depression. Scholars continue on to explore the key events, leaders, and policies that involved the United States in World War II. They move through history to analyze the Cold War struggle and America's rise as a superpower, along with the Vietnam War, Korean War, and Nixon administration. They explore politics and culture after the Watergate scandal and explore the social and political implications of the civil rights and women's rights movements. Scholars learn about the events, leaders, and policies of presidential administrations through Barack Obama's first term.

Throughout the course, scholars examine and analyze materials that describe historical periods and interact with primary and secondary sources, textbook readings, biographies, period literature, and other materials that paint a full picture of early American history and

encourage scholars to explore historical topics. Discussions with peers help scholars think creatively and critically about each topic. The projects that span the course are designed to develop and sharpen the scholars' writing skills.

PRE-REQUISITES: None

AMERICAN CIVICS and GOVERNMENT

American Civics and Government provides scholars with basic knowledge of the history and philosophy of the United States government and its principles, which guide our democracy. Scholars examine the United States Constitution in order to answer questions and determine the facts of government. The course focuses on the functions and duties of the three branches of government. Special attention is given to political participation, the rights and responsibilities of citizens, and government systems of the world.

The course uses the study of political institutions to explore the history, organization, and functions of the US government. It offers scholars learning opportunities that build on one another. A goal of the course is for scholars to develop the critical skills of analysis, synthesis, and evaluation in a demanding and thoughtful academic setting. Scholars are encouraged to use their knowledge of the organizations and management of governing to develop their own views on current political issues. They are taught how to apply what they have learned in civic action.

Civics and Government looks closely at the political knowledge and values of the country and gives scholars a look at the problems faced by presidents, congressional representatives, and political activists. It also covers the roles of political parties, interest groups, and the media in shaping the government. The Supreme Court is presented as the "voice of reason" in the balance of powers.

PRE-REQUISITES: American History A & B Recommended

ECONOMICS

Economics explores principles that allow scholars to make informed decisions about personal finance, develop a broader understanding of national and international policies, and understand why economics impacts distribution of wealth and quality of life globally. Scholars begin with an analysis of basic activities such as creating a budget and using debit/credit cards and progress to discussing taxes, saving, and investing for the future. They receive an overview of economics, including scarcity and economic systems of the world. Exploring microeconomics, they learn how individuals and businesses fit into the overall economy; in macroeconomics, they learn how the government determines tax policies, overall spending, and the handling of debt. Throughout the course, scholars examine and analyze readings, biographies, videos, and other materials, and participate in discussions with peers. The projects that span the course are designed to develop and sharpen the scholars' writing skills.

PRE-REQUISITES: None

FOREIGN LANGUAGES

SPANISH 1A

Spanish is spoken in 21 countries, making it one of the most commonly spoken languages in the world. Knowing Spanish will enable the student to connect with a wider range of people in their daily life, perhaps even leading to a job where speaking another language is an advantage, as in medicine or business. This course teaches the student how to greet others, describe their friends and family, exchange telephone numbers, and talk about their daily life, including school and home.

PRE-REQUISITES: None

SPANISH 1B

Spanish is spoken in 21 countries, making it one of the most commonly spoken languages in the world. Knowing Spanish will enable scholars to connect with a wider range of people in their daily lives. It will open doors that may even lead to a job where speaking another language is an advantage, as in medicine or business.

PRE-REQUISITES: Spanish 1A

SPANISH 2A

Scholars will continue to explore the Spanish language and the study of its structure to learn to speak at greater length with Spanish-speaking people of other cultures. The primary focus of Spanish 2A will be the expansion of verb tenses to include the simple past (preterite) and the imperfect, as well as vocabulary useful for all modes of transportation and travel.

PRE-REQUISITES: Spanish 1B

SPANISH 2B

Scholars will continue to practice expressing themselves on a variety of topics aimed at Spanish-speaking people of other cultures. The primary focus of Spanish 2B will be the expansion of verb tenses to include the subjunctive and the future, learning vocabulary for extending invitations and making requests, and expressing plans for the future.

PRE-REQUISITES: Spanish 2A

SPANISH 3A

Spanish 3A is a continued study of essential Spanish grammar and Spanish-speaking cultures. The course provides continued practice and development of reading, writing, and speaking skills in Spanish. The readings and multimedia content are designed to help scholars develop the vocabulary and grammar needed to express themselves in a growing variety of settings, with focus on regional differences in customs and pronunciation when presenting grammar and vocabulary in context. The course includes expansion of verb tenses to include the present and present perfect subjunctive, which are used in impersonal expressions (“It is probable that...”) and complex sentences that express emotions of doubt, uncertainty, and hope. By the end of the course, scholars are capable of comparing and describing what they want and feel as they express their opinions on a variety of topics.

PRE-REQUISITES: Spanish 2B

SPANISH 3B

Spanish 3B is a study of essential Spanish grammar and Spanish-speaking cultures, building on the learning that scholars experienced in Spanish 3A. This course provides practice and development of reading, writing, and speaking skills in Spanish. Using readings and multimedia instruction, scholars learn verb tenses including the present and imperfect subjunctive, conditional, present perfect, past perfect, future perfect, and past progressive, along with the correct sequence of tenses. By the end of the course, scholars are capable of comparing and describing what they want and feel as they express their opinions on a variety of topics. The course is designed to help scholars gain the vocabulary and sentence structure needed to express themselves in a variety of settings, with a focus on regional differences in customs and pronunciation in context. In addition, the course uses numerous creative works from Spanish-speaking authors and artists to illuminate concepts and provide real-world practice opportunities.

PRE-REQUISITES: Spanish 3A

VISUAL AND PERFORMING ARTS

2 DIMENSIONAL DESIGN

This course introduces scholars to the study of basic two-dimensional design. Scholars will learn the definitions of the design elements (line, shape, value, form, texture, and color) and the principles of design that act upon the elements. Verbal and visual definition of the elements includes practical assignments each week.

PRE-REQUISITES: None

ART HISTORY A

Art History A is designed to introduce scholars to the history of art. In this course, scholars journey through time, learning about prehistoric and ancient art, ancient Mediterranean and medieval art, and early European art from the Renaissance through Mannerism. Scholars also learn how to read art and interpret it on a basic level. Since art is best learned through experience and expression, scholars have opportunities to experience the art and react to it through discussion boards and projects. The goal of this course is to show learners how art relates to their own lives, even art from long ago!

PRE-REQUISITES: None

ART HISTORY B

Art History B is designed to introduce scholars to the history of art. In this course, scholars will journey through time, learning about early European art (from the Renaissance through 1750), late European art (from 1750 through 1900), modern and postmodern art (from 1900 through 2010), then take a look around their world as they study global art. Scholars should already be familiar with how to read and interpret art, from taking Art History A; however, if they aren't, there are some helpful hints and links available to them. Since art is best learned through experience and expression, scholars will have opportunities to experience the art and react to it through discussion boards and projects. The goal of this course is to show the learner how art relates to their own lives. even art from long ago!

PRE-REQUISITES: None

ELECTIVE COURSES

AVID 9th Grade

An elective course for scholars who are college-bound. The AVID curriculum focuses on writing, inquiry, collaboration and reading (WICR) through the AVID High School curriculum in both teacher and tutor-led activities. Scholars learn strategies to enhance success. Note-taking, outlining, writing, speaking, reading, test-taking awareness are stressed.

PRE-REQUISITE: Minimum GPA of 2.0 and selection process

AVID PEER TUTOR

The course requires the scholar to be a role model, academic tutor, and life coach to freshman scholars. Scholars will receive instruction in professionalism; training and coaching including feedback on tutors, binders, etc.; scholars will be expected to facilitate small sustained group discussion, one on one coaching, checking points of confusion and note taking, and anchor grading. Tutors are required to attend the AVID class live for 3 hours each week to tutor and provide feedback to scholars. No other homework or assignments are required outside of training and live class time.

SUGGESTED GRADE LEVEL: 11 - 12

PRE-REQUISITES: Grade of B or higher in both Math (Algebra 1 or higher) and English; teacher recommendation

BOTANY AND ZOOLOGY

The plant and animal kingdoms may not be the majority of life on Earth, but they are the most interesting for humans. This course focuses on the comparative anatomy and physiology of multi-cellular organisms. The study of plants and animals, respectively called botany and zoology, gives an idea of the diversity of life on the planet.

NOTE: This course does not meet the lab science requirement.

PRE-REQUISITES: Biology A & B recommended

CHARACTER EDUCATION

Character Education is an overview of performance and ethical principles. The six units encourage and educate scholars to be lifelong learners, think through problems, be diligent and capable, interact positively in social settings, respect others, assume responsibility, act ethically, and live according to a noble purpose.

SUGGESTED GRADE LEVEL: 9 - 12

PRE-REQUISITES: None

CHILD DEVELOPMENT

Scholars will explore the physical, emotional, social, and intellectual development of children. From conception through adolescence, scholars read about current research that continues to unlock how the brain develops. Scholars will also see how child development theory applies to everyday life as they study each stage of development.

SUGGESTED GRADE LEVEL: 11 - 12

PRE-REQUISITES: None

COMPUTER BASICS

This course will help the student learn the basics of computer operations. The student will work with basic software programs such as word processing, spread sheets, and presentations. Scholars will also have the opportunity to improve their keyboarding speed and accuracy.

SUGGESTED GRADE LEVEL: 9 - 12

PRE-REQUISITES: None

CRIME LAB A

Crime Lab A is the first of a two-part course focused on Criminology and Forensics. The course is targeted for high school scholars at a beginner level of understanding of the topics. The course is designed to encourage scholars to be introspective and intrigued by the topics in the course. This first half of Crime Lab will cover topics on crime and

criminology, witnesses and perpetrators, and the crime lab. The course will follow a storyline of two college interns who discover a series of connected crimes in a suburban setting.

SUGGESTED GRADE LEVEL: 10 - 12

PRE-REQUISITES: None

CRIME LAB B

Crime Lab B is the second of a two-part course focused on Criminology and Forensics. The course is targeted for high school scholars at a beginner level of understanding of the topics. The course is designed to encourage scholars to be introspective and intrigued by the topics in the course. This second half of Crime Lab will cover topics on the criminal justice system, non-forensic evidence, and what happens inside the courtroom. The course will conclude the storyline of two college interns who discovered a series of connected crimes in a suburban setting, and how they addressed the issues as a result. This course is meant to be taken after Crime Lab A.

SUGGESTED GRADE LEVEL: 10 - 12

PRE-REQUISITES: Crime Lab A

ENVIRONMENTAL SCIENCE

The human population on Earth continues to increase, raising concerns over the ability of the planet to accommodate its inhabitants. The impact that life has on the dynamic processes of Earth, a changeable planet, and its material cycling are studied in Environmental Science. In the coming years, Environmental Science will become a more important part of every human's education to keep both the population and the planet in healthy balance with each other. NOTE: This course does not meet the lab science requirement.

PRE-REQUISITES: Biology A & B recommended

FINANCIAL LITERACY

It is never too early to learn about monetary concepts related to financial literacy. This course will help you understand budgeting, work income, money management, and key concepts of banking and credit. Another important component of sound financial planning is to learn the basics of saving and investing. The Financial Literacy and Personal Finance course will educate you on how to spend, save, and invest money in order to achieve your financial goals.

SUGGESTED GRADE LEVEL: 10 - 12

PRE-REQUISITES: None

HEALTH

In this class scholars acquire skills, fitness, attitude, and knowledge to lead a healthy life. Health A focuses on the impact of personal decisions and healthy well-being. Topics include: peer pressure, self-esteem, nutrition, drugs, and alcohol.

SUGGESTED GRADE LEVEL: 9 - 12

PRE-REQUISITES: None

HOSPITALITY AND TOURISM

Everyone goes to restaurants, travels, and stays in lodging facilities. These businesses continue to grow, generating profits, and employing a vast number of people interested in these exciting careers. The Hospitality and Tourism course is designed to give scholars an overview of this exciting field as well as future educational and career options.

SUGGESTED GRADE LEVEL: 10 - 12

PRE-REQUISITES: None

HUMAN ANATOMY & PHYSIOLOGY

This course is designed to give a foundation to scholars interested in a career in the health sciences. The major tissues, organs, and organ systems of the human body are described, as well as their contribution to the health of the individual. The risks and benefits of various behaviors are also evaluated in the light of their contribution or detractor from body functions. NOTE: This course does not meet the lab science requirement.

PRE-REQUISITES: Biology A & B recommended

MY SUCCESS

My Success provides guidance and support for scholars new to Compass Charter Schools and the online environment. In addition to identifying and applying the necessary skills for success of online learning, scholars will begin to develop the essential life skills necessary to contribute to our global society. An exploration of potential career paths, setting career goals, and obtaining employment provide all scholars with a roadmap of post-secondary options after leaving high school.

SUGGESTED GRADE LEVEL: 9 - 12

PRE-REQUISITES: New and re-enrolling scholars

PSYCHOLOGY A

Psychology A surveys the basic concepts and theories of human behavior and careers in psychology. Emphasis is on the stages of human development, how the body affects the mind and emotions, as well as how the mind, and emotions affects the body. This course introduces psychological research techniques and methodology.

SUGGESTED GRADE LEVEL: 11 - 12

PRE-REQUISITES: None

PSYCHOLOGY B

Psychology B focuses on the scientific study of individual behavior in the context of society. Scholars explore how psychological theories and research methods can contribute to understanding, prediction, and promotion of psychological health. Areas of study include the personality, the causes and treatment of mental disorders, and the role of social psychology today.

SUGGESTED GRADE LEVEL: 11 - 12

PRE-REQUISITES: Psychology A

RETAILING

This course communicates that retailing goes beyond sales, and explores the skills needed to succeed in real world careers. Scholars learn that opening a store requires research, strategy, and planning. A successful retail store requires careful merchandise selection, as well as buying and pricing expertise. In addition, it gives attention to service and management of employees at various levels.

SUGGESTED GRADE LEVEL: 10 - 12

PRE-REQUISITES: None

SOCIOLOGY A

Sociology is much more than conducting surveys or analyzing census data. Sociology is all about studying people and the groups they are part of. Sociology examines social trends and cultural changes. It involves asking questions and solving problems. Questions such as, what causes social inequalities, poverty, racism, or sexism. In Sociology A, the student will be introduced to the origins, research methods, and the work of sociologists.

SUGGESTED GRADE LEVEL: 11 - 12

PRE-REQUISITES: None

SOCIOLOGY B

Everyone belongs to one or more groups, and the groups we belong to influence the way we think, feel, and act. The study of sociology gives us tools to define and understand social groups. With those tools, the student will learn how social groups affect our beliefs and actions, and how their members interact with each other. The emphasis in Sociology B is on learning about social institutions and social change with an emphasis on understanding groups in contemporary American society.

SUGGESTED GRADE LEVEL: 11 - 12

PRE-REQUISITES: Sociology A

WORLD RELIGIONS

In World Religions, scholars learn many of the major world religions and their origins. They will learn how religion can help define a believer's purpose, ethics, and judgment. Scholars also see how cultures have intrinsic values that define it and are often expressed in the religions of that culture. This course is an overview of the major world

religions, including Native American, Hinduism, Buddhism, Judaism, Christianity, Islam, and more. Each religious group has a point of emphasis, which serves as the focus. The course objective is to appreciate the diversity of the world's religions.

SUGGESTED GRADE LEVEL: 9 - 12

PRE-REQUISITES: None

PHYSICAL EDUCATION

PHYSICAL EDUCATION 9/10 (PE)

This Physical Education course is designed to provide scholars with the essential knowledge and skills needed to participate in physical activities that promote individual well-being. Physical education is necessary for healthy living but this course teaches more than just running and jumping. Many aspects of healthy living are covered. Topics discussed include physical fitness, nutrition, healthy peer relationships, stress management, weight and strength training, and a host of others.

SUGGESTED GRADE LEVEL: 9 & 10

PRE-REQUISITES: None