

ROMEO VIRTUAL ACADEMY COURSE GUIDEBOOK

2023-24

Required English Courses

English Language Arts 6 COURSE DESCRIPTION

English Language Arts 6 introduces and builds the fundamental skills of English language arts, including reading, writing, speaking, listening, and using language. This course helps transition students from an elementary setting to the middle school learning environment. Students explore a variety of texts from a range of time periods, literary genres, and writers. From classic authors to contemporary creative writers, students study the use of language and literary devices to improve reading comprehension and to apply to their own skill sets. In addition to reading, students strengthen their writing skills through several modes of composition, such as entertainment, persuasive, poetic, and expository texts. They learn how to construct a well-written five-paragraph essay. Notably, students learn to conduct research, cite sources in MLA formatting, and compose a formal research essay. The final topic of the course provides the opportunity for students to either read a novel or examine a variety of excerpts from novels. This topic encompasses the fundamental skill sets built throughout the year. Students complete creative projects, such as creating an original piece of folklore and writing an original poem. These projects encourage students to highlight their talents and skills. This course emphasizes the importance of independent and creative thinking and integrates social-emotional learning.

English Language Arts 7 COURSE DESCRIPTION

English Language Arts 7 extends beyond the five fundamental English language arts skills of reading, writing, speaking, listening, and understanding language. This course exposes students to a variety of texts from a range of time periods, literary genres, and writers. From classic texts to contemporary creative writers and Evan-Moor pieces, students analyze fiction and nonfiction literature, examining and interpreting multiple literary devices within a single piece. In addition to reading, students strengthen their writing skills through narrative, informative, and persuasive compositions. They apply these forms of writing in essays, speeches, presentations, and other media. Students also compose an MLA-style research essay that includes headings, citations, and a Works Cited page. In addition, students produce a professional technical, or how-to, text that includes concise directions and images. The final topic of the course presents a wealth of valuable real-world skills. Notably, students practice important life skills, such as letter writing, filling out forms, and interviewing, while exploring career interests. Additionally, grammar is integrated regularly throughout the course to introduce and reinforce age-appropriate grammatical concepts. These lessons parallel the main lessons, and at the end of each grammar unit, students complete a summative workshop to apply the skills taught within that unit. Lastly, students complete creative projects, such as a family tree, an original narrative short story, a reinvention of themselves as a superhero, a song, and a writing portfolio. These projects and activities showcase students' abilities based on their learning styles. Overall, this course supports critical thinking and independent learning and application, while also incorporating social-emotional learning opportunities.

English Language Arts 8 COURSE DESCRIPTION

English Language Arts 8 introduces students to literature and informational texts. Through lessons on the literary elements, the structure of texts, and the basics of grammar and composition, students apply analytical thinking skills to the works that they read. Students also delve into poetry in this course by dissecting the structure of poems, the language, and the terminology that is often affiliated with the genre. Students also apply their listening and speaking skills through presentations and projects.

English Language Arts 9 COURSE DESCRIPTION

NCAA Eligible Course

English Language Arts 9 introduces students to elements of literature from classic to modern times using the genres of fiction and nonfiction. Through reading and the study of literary elements, such as plot and setting, character, narrator and voice, tone and mood, and symbolism and irony, students develop skills in literary analysis and interpretation. Students also examine form, style, and persuasion within nonfiction works. In this course, students strengthen their vocabulary, grammar, and mechanics. They also focus on the stages of the writing process.

English Language Arts 10 COURSE DESCRIPTION

NCAA Eligible Course

In English Language Arts 10, students focus on literature, grammar, and composition. They examine the different elements of a story, including plot, setting, character, narrator, and voice. Throughout the course, students also study various parts of speech, readings, and poetry. English Language Arts 10 presents students with many different types and styles of writing in order to provide a thorough examination of language and literature.

American Literature COURSE DESCRIPTION

NCAA Eligible Course

In American Literature, students explore various cultural periods of American literature. They examine numerous aspects of Romanticism, literature from multiple historical eras of the United States, and contributions made by significant American leaders. In addition to discovering multiple genres and investigating numerous periods of writing, students also explore the basics of literature, writing, and grammar.

British Literature COURSE DESCRIPTION

NCAA Eligible Course

British Literature provides students with a survey of literature in this genre. Students explore the Anglo-Saxon and medieval eras, the English Renaissance, and the Restoration and Enlightenment periods. They analyze how authors from this region have traditionally constructed texts and developed prominent and long-lasting literature. In this course, students examine a variety of styles and use the vocabulary that is characteristic of the literature pieces they are reading. This course offers students numerous chances to discuss, analyze, synthesize, and evaluate the texts they read through a wide range of writing and thinking exercises.

Elective English Courses

African American Literature (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

African American Literature is a survey course that spans the history of America as it relates to the lives of African Americans. Students explore the forcible transport of individuals from Africa to America, the publication of narratives of enslaved men and women, the abolition of slavery under President Lincoln, the civil rights movement, and the presidency of Barack Obama. Students explore the powerful and influential roles that African Americans have played in U.S. history. They discover the contributions of African American activists, artists, and authors through literature and nonfiction texts such as biographies, autobiographies, memoirs, court cases, historical texts, and litigations.

Communications (0.5 credits) COURSE DESCRIPTION

In Communications, students explore various aspects of communication. They investigate the foundations of communication by analyzing, applying, and designing creative works essential to the professional communications industry. This course establishes a comprehensive foundation for students interested in a post-secondary career in communications.

Creative Writing (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Creative Writing is a course in which students discover, analyze, and apply the methods and styles used in various forms of fiction, creative nonfiction, drama, and poetry. It emphasizes experimentation and practice, and it encourages students to take cues from published writers and poets. Students express themselves while learning various genres and their respective writing rules. Students also explore related topics, including word choice, diction, form, editing, idea generation, and other skills useful in nonfiction writing. Students do a great deal of writing in this course.

Exploring Cinema (0.5 credits) COURSE DESCRIPTION

Exploring Cinema introduces students to film-making and cinematic productions. In this course, students explore the technology used to create a film and begin to build an aesthetic appreciation of films. Students also explore media art and the ethics of media creation, giving them a wider perspective on the different ways material can be presented.

Greek and Roman Mythology (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

In Greek and Roman Mythology, students explore myths from Greece and Rome. They examine the history of mythology and some of the key gods and goddesses. Students learn to connect the cultures of ancient Greece and Rome with the culture of today. Throughout this course, students use technology and artistic practices to express their knowledge. In addition, they explore vocabulary, literary, and narrative elements, in addition to writing through the lens of mythology. Students work through the process of writing myths of their own through planning, drafting, revising, and publishing.

Introduction to College Writing (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Introduction to College Writing prepares students to create freshman writing pieces as they move toward their post-secondary education. In this course, they learn the skills necessary to build a solid foundation for basic college writing as they focus on informative and persuasive writing. Students practice organization, tone, and style in their work to ensure that they are well-rounded and skilled writers. Finally, students discover how to locate and present research and evidence in a logical, well-organized manner.

Media Writing (0.5 credits) COURSE DESCRIPTION

Media Writing is designed for students who are interested in careers in broadcast journalism, communications, or media. In this course, students explore the basics of media writing in addition to careers in print, online, and broadcast media. Students investigate the numerous styles of writing for a number of applications, including newspapers, magazines, audio broadcasts, video broadcasts, and the Internet. In addition, students practice researching, locating, and using sources that are reliable and valid.

Short Stories (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Short Stories exposes students to the basic characteristics, writing style, and literary elements of a story. From characters, point of view, and setting to techniques such as suspense and irony, students learn how short stories provide readers with the opportunity to experience different storylines in a precise and defined format. Students become acquainted with the compact nature of the short story literary form and each author's ability to weave exciting, interesting narratives in such short, tight spaces. Students learn the importance of being concise, recognizing that good literature does not necessarily have to be lengthy in order to be captivating.

Technical Writing (0.5 credits) COURSE DESCRIPTION

Written-communication skills and professional documentation are central to the Technical Writing course. This course enables students to analyze a variety of real-world documents and allows them to perfect their technical writing abilities. Students encounter numerous types of technical writing, including journal writing, email drafting, persuasive writing, memo creation, letter drafting, and marketing and advertising, allowing them to build upon their own technical writing skills and knowledge. Students are also given an assortment of project-based assignments throughout the course.

World and Cultural Mythology (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

World and Cultural Mythology is the perfect course for students looking for an interactive way to learn about mythology and myths from around the world. The course focuses on different dynamics of myths and analyzes aspects of myths found in different cultures. The course looks at the type of writing styles used in different myths, including common terminology, sentence structure, and writing techniques. Finally, students evaluate mythical places and sacred locations, including the characters commonly found in myths, such as gods, goddesses, monsters, heroes, and deities.

World Literature (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

In World Literature, students explore a wide variety of literary styles, artists, and mediums from cultures and societies around the globe. Students analyze different forms of writing, including fiction and nonfiction, and they evaluate how authors from different areas, religious backgrounds, genders, and cultures use the written word to express thoughts and opinions and tell poignant stories.

Required Mathematics Courses

Mathematics 6 COURSE DESCRIPTION

Mathematics 6 introduces students to rational numbers and explores the concept of absolute value. Students work with ratios and rates to analyze relationships, and they connect these concepts to percentages. Students also apply all four operations to decimal numbers, using the concepts to solve real-world application problems. In this course, students begin their study of Algebra by learning about mathematical expressions, equations, and inequalities. They analyze data and display data using statistical methods. Students also explore two- and three-dimensional shapes.

Mathematics 7 COURSE DESCRIPTION

Students in Mathematics 7 begin their journey on the pathway to developing a strong mathematics framework. Students hone their arithmetic skills in this course, preparing them for more difficult and detailed calculations. Students work through fractions and decimals and begin developing algebraic skills by learning to work with and solve two-step equations. Students also explore probabilities, data, and statistics.

Mathematics 8 COURSE DESCRIPTION

Mathematics 8 prepares students for more difficult mathematics courses by exposing students to foundational arithmetic concepts. Students in this course examine the elements of geometry by being introduced to angles, lines, and points. Students apply this knowledge to graphs using coordinate planes and by completing calculations between two points' distances. Students also study scientific notation, which assists them in computations and provides a framework for more difficult calculations.

Algebra 1 COURSE DESCRIPTION

NCAA Eligible Course

In Algebra I, students explore variables, function patterns, graphs, and equations. They will describe and translate graphic, algebraic, numeric, and verbal representations of relations and use those representations to solve problems. Students will develop computational, procedural, and problem-solving skills throughout this course, building a solid foundation for further study in mathematics.

Geometry COURSE DESCRIPTION

NCAA Eligible Course

In Geometry, students begin to create a solid foundation in mathematics by studying and exploring a wide range of geometric concepts. Students study the basics of geometric equations and how these equations are present in daily life. They calculate perimeter and work directly with angles and arcs to evaluate the importance of geometric math in construction.

Algebra II COURSE DESCRIPTION

NCAA Eligible Course

In Algebra II, students analyze situations verbally, numerically, graphically, and symbolically. Students solve equations and inequalities. They extend their knowledge of algebraic expressions, absolute value, functions, and graphs. The Algebra II course prepares students for more difficult mathematical concepts and content.

Elective/4th Year Mathematics Courses

Applied Mathematics COURSE DESCRIPTION

Applied Mathematics covers the fundamental mathematics necessary for students to obtain a broad range of skills. Although problems in this course apply to a variety of topics from Algebra to Geometry, emphasis is given to real-world applications. Students write and solve linear equations to represent situations such as the value of a car or the distance that a plane travels during a trip. They also learn to solve quadratic equations and find the maximum value of quadratic equations. Students explore area, perimeter, and volume, and then they apply these concepts to situations such as building a swimming pool. Students calculate conversions between the U.S. customary system of measurements and the metric system. Geometry concepts presented in this course include the Pythagorean Theorem, using similar triangles, finding dimensions, and interpreting scale on a map. Finally, students use statistical concepts to interpret data sets and turn those data sets into graphical representations.

Business Mathematics COURSE DESCRIPTION

In Business Mathematics, students discover a variety of basic mathematical concepts and tools for real-word mathematical application including algebraic equations, formulas, operations using fractions, decimals, and percentages. This course shows students how to work with percentages to solve application problems and how to research investment and insurance options. Students learn to graph a function from an equation, and they work with ratios and proportions. Additionally, students explore the proper methods of preparing and analyzing income statements and balance sheets. They also study the ways in which to calculate real estate loan payments, and they learn to read and interpret graphs to represent data in the business world. This course also discusses mean, median, and mode as it relates to the distribution of data.

Calculus COURSE DESCRIPTION

NCAA Eligible Course

Calculus evaluates higher-level mathematics through analytical/algebraic, numerical, graphical, and verbal methods. Students study various components of mathematics, including the investigation of trigonometric functions, probability, and series. Students will strengthen their skills with Pre-Calculus and Trigonometry concepts in preparation for post-secondary coursework. Having a strong calculus knowledge base supports all students, but mostly those students who are interested in careers in the mathematics and engineering fields.

COURSE DESCRIPTION

In Consumer Mathematics, students learn mathematical concepts that they will use in their daily lives. They focus on real-world topics that require addition, subtraction, multiplication, and division of whole numbers, as well as fractions, decimals, ratios, proportions, and percentages. Students also explore the ways in which real-life activities such as traveling, purchasing a new car or house, or even installing new carpeting relates to mathematics. Consumer Mathematics relates everyday mathematics concepts to concrete definitions, processes, and many real-life situations.

Pre-Calculus COURSE DESCRIPTION

NCAA Eligible Course

In Pre-Calculus, students develop a deeper and more thorough understanding of functions and graphs. Graphs that students study range from polynomial and rational to exponential, logarithmic, and trigonometric. Some exponential and logarithmic topics discussed in this course are change of base formulas, properties of logs, growth and decay, and logistic growth models.

Probability and Statistics (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Students enrolled in Probability and Statistics build a strong foundation in calculating probabilities and evaluating statistics. The Probability and Statistics curriculum is designed to cover a half year of instruction but can be completed at each student's own pace. Students enrolled in the course explore the representation of statistical data, work with scatter plots, and analyze statistical data using properties and theorems, and more.

Trigonometry (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Trigonometry is offered for students who want to continue a rigorous study of mathematics. The course begins by reviewing the real number system, characteristics of functions, and solving equations. Topics from right-triangle trigonometry lead to an in-depth study of the unit circle and trigonometric functions, their graphs, and their inverses. In their study of analytic trigonometry, students verify identities and solve trigonometric equations. The course covers the Law of Cosines, the Law of Sines, and vectors. It closes with a complete study of conics, parametric equations, and polar curves. Before enrolling in this course, students should have completed Algebra II and Geometry.

Required Science Courses

Science 6 COURSE DESCRIPTION

Science 6 takes students on a journey that incorporates life science, Earth and space science, and physical science concepts. Students begin by studying topics related to the nature of science and engineering, and they gain the skills necessary to succeed in investigations and engineering labs within the course. They learn how matter and energy interact and aid in creating the world around them. Students discover the unique properties of Earth that make it a sustainable planet for living organisms. Students will take an in-depth look at cells and their specialized structures, a variety of habitable ecosystems, and the abilities plants and animals have to adapt to various surroundings. Along with learning about life on Earth, students will study the atmosphere and weather that has made Earth habitable for humans. They investigate ways to be more environmentally conscious by exploring how populations are affected by various environmental factors. Students work toward discovering solutions to these problems. This course includes multiple-day projects and hands-on labs, which are driven by real-world phenomena and meaningful storylines.

Science 7 COURSE DESCRIPTION

Science 7 integrates life science, Earth and space science, and physical science while incorporating both engineering and scientific methods. In this course, students explore the ways in which humans have an impact on Earth's ecosystems and resources. They study the different forces at work on Earth and throughout the universe, learning about their importance in technologies and everyday phenomena. Students also investigate evidence of past life on Earth and how it evolved into the life that exists today. This course allows students to dig deeper into the inheritance of organisms and how these organisms adapt to their environments. Finally, students are introduced to waves, exploring how both sound and light waves are used in communication. This course includes multiple-day engineering design projects and hands-on labs, which are driven by real-world phenomena and meaningful storylines.

Science 8 COURSE DESCRIPTION

Science 8 combines the subjects of life science, Earth and space science, and physical science while incorporating both engineering and scientific methods. Students further their knowledge of the interactions of matter, learning about the properties of the periodic table and how reactions occur. Next, students learn about reproduction in cells and inheritance. In this part of the course, students analyze the difference between types of reproduction in cells, leading them to determine how traits and genetic differences in DNA occur. Students travel back in time and determine how clues from life in the past help to explain, map, and classify existing life on Earth. Students also explore ecosystems and how precious they are to life on Earth, analyzing how even the smallest impacts can have large effects on populations. Finally, students investigate wave technologies and how those technologies are used on Earth for advancements in science and economic growth.

Biology (Requirement for all High School Students) COURSE DESCRIPTION

NCAA Eligible Course

Biology covers a wide range of concepts in the field of biology. Students are introduced to the concept of cell structure and function, and investigate Mendelian genetics and how humans inherit traits. Students also analyze the structure and mechanisms of DNA, as well as the role of biotechnology in today's society. This course presents the theory of evolution, including early ideas, how populations evolve, and the history of life on Earth. Students explore the concept of ecology, where they study the different principles of ecology, interactions that occur within ecosystems, the biosphere, and how humans have impacted ecosystems thus far.

Chemistry (Students are required to take either Chemistry or Physics) COURSE DESCRIPTION

NCAA Eligible Course

Chemistry gives students a deeper understanding of the world around them as they investigate how chemistry is involved in everyday life. Students explore fundamental chemistry content and concepts, including the metric system, the periodic table, atomic structures, bonding, chemical reactions, and nuclear reactions. They apply their knowledge and science process skills through labs that use common, household objects in order to explore the practicality of chemistry. As a prerequisite to Chemistry, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.

Physics (Students are required to take either Chemistry or Physics) COURSE DESCRIPTION

NCAA Eligible Course

Students enrolled in Physics advance their knowledge and understanding of concepts in previous general science courses. In this course, students examine classical mechanics while learning to calculate concepts in one-dimensional, two-dimensional, and circular motion. Students explore work and energy in addition to the concepts of waves, sound, light, optics, and electromagnetism. The course concludes with an analysis of nuclear physics and a debate on quantum physics. This course requires students to use fundamental algebra and analytical skills to solve problems and analyze situations. As a prerequisite to Physics, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge. While the completion of Trigonometry is not required, a pre-or corequisite of Trigonometry will allow students to be better prepared for calculations involving dynamics, vectors, and kinematics.

Required 3rd Science Courses/Science Electives

Anatomy and Physiology (0.5 credit) COURSE DESCRIPTION

NCAA Eligible Course

The Anatomy and Physiology course allows students to discover the fascinating dynamics of the human body. Students begin by exploring the history of anatomy, essential anatomical terminology, and the hierarchical organization of the human body. Next, students are introduced to basic biochemistry and cellular processes, which includes a virtual tour of the cell. Students also investigate the structure, function, hierarchy, and diseases associated with each organ system. Completion of one full year of high school Biology is required in order to understand the numerous biological concepts presented in this course.

Astronomy COURSE DESCRIPTION

NCAA Eligible Course

In Astronomy, students begin by discussing basic astronomical concepts and discoveries throughout history. They take an in-depth look at the first moments of the universe by studying the Big Bang. From there, they investigate the evolution of the universe, beginning with the first atoms and moving on to explore elements, stars, solar systems, and galaxies. Students gather information to determine if there is a possibility of life on other planets and in other solar systems. Students analyze the major space missions that have led to the modern study of cosmology, and they explore the possibilities of where this field may take scientists in the future.

Earth Science COURSE DESCRIPTION

NCAA Eligible Course

In Earth Science, students discover the theories about how Earth first formed. They explore Earth's history and the different geologic processes that continually take effect and help to shape the planet. Students debate the ways in which human impacts affect the Earth's climate, and they view Earth as a body within the solar system and universe. They also review Earth's renewable and finite resources. The course concludes with a virtual tour of Earth's atmosphere and oceans.

Environmental Science (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Environmental Science introduces students to the scientific method, terrestrial and aquatic ecosystems, biomes of the world, trophic interactions, and nutrient and chemical cycles. Students analyze the human impact on the environment and ways to reduce negative consequences. Students investigate environmental issues first hand and use their discoveries to make environmental decisions for themselves.

Forensic Science (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Students enrolled in Forensic Science will develop a better understanding of the reality of forensic science, which is often contradicted by the fictional forensic science portrayed in entertainment. Students begin by exploring the history and background of forensic science. They discover several forensic science disciplines, such as pathology, anthropology, toxicology, serology, entomology, and odontology. Students learn and use proper lab practices, which ensure the integrity of any collected organic and inorganic evidence. Students investigate chromatography, spectroscopy, and microscopy techniques. They also explore and survey the impact of DNA analysis and question document analysis on forensic science. This course teaches the proper handling of impression evidence, such as shoe print, foot, tire, lip print, firearm, and fingerprint impressions while students examine the analysis of trace evidence, including hair and glass. The course concludes with an exploration into the ways in which forensic science is interconnected with the legal system, as well as what the future holds for forensic science. It includes numerous hands-on labs, including measuring a hypothetical time of death, extracting their own DNA, and analyzing their own fingerprint impressions. Forensic Science is ideal for high school students who are interested in forensic science, biology, law, and/or criminalistics. Students must possess basic spreadsheet, word processing, and presentation software knowledge as a prerequisite. Completion of one full year of high school Biology is required in order to evaluate the numerous biological concepts present in this course. In addition, students must be mature, independent learners and comfortable learning new technology.

Please note: The concepts discussed in any forensic science course are intended for mature and responsible students only. Delicate and sensitive concepts related to forensic science will be discussed in a respectful and straightforward manner.

Fundamentals of Ecology (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Fundamentals of Ecology allows students to explore the ways in which organisms interact with their surrounding environments. Students will investigate ecological principles, such as natural selection, population and population dynamics, biodiversity, and the sustainability of ecosystems. Students also analyze major ecological challenges and the different ways society is working to mitigate these challenges.

Introduction to Engineering (0.5 credits) COURSE DESCRIPTION

Introduction to Engineering provides students with an overview of the field of engineering and the primary processes and procedures used by engineers. Students explore engineering careers and their impacts on society, and they learn how mathematics and science are used in the field of engineering. They examine different engineering disciplines, the engineering design process, and various engineering styles and methods used in the field. Students take part in hands-on learning as they work through a real-life design problem and solve it through the steps of the engineering design process. The course concludes with a student-created presentation to demonstrate their solution to the design problem. Introduction to Engineering is an excellent addition to a STEM-centered curriculum. Students must have completed Algebra I as a prerequisite and must possess basic spreadsheet, word processing, and presentation software knowledge.

Physical Science COURSE DESCRIPTION

NCAA Eligible Course

Physical Science are introduced to the principles of chemistry and physics so that they may develop a better understanding of atoms, chemical reactions, and nuclear interactions. Students explore the properties and states of matter and investigate chemical bonds and reactions. Students will investigate the development of the periodic table, an outline of modern atomic theory, and organic and nuclear chemistry. Additionally, students study Newton's laws of motion while considering the interactions between motion, forces, energy, and thermodynamics. As a prerequisite to Physical Science, students must have completed Algebra I and must possess basic spreadsheet, word processing, and presentation software knowledge.

Sports Medicine (0.5 credits) COURSE DESCRIPTION

Sports Medicine provides students with basic knowledge of the history of sports medicine, the anatomy of the body, and the common injuries that occur in sports. In addition, the course discusses techniques used in sports medicine to train and strengthen the body, treatments for injury and disease, and proper nutrition for athletes. As prerequisites, students must possess basic word processing and presentation software skills. Completion of one full year of high school Biology is required in order to evaluate the numerous biological concepts present in this course.

Required Social Studies Courses

Middle School Geography (primarily grade 6) COURSE DESCRIPTION

Students learn to study the Earth's landscape in Middle School Geography. In this course, students learn that geography extends beyond physical structures by exploring geographical facets such as regions, ethnicities, and trade routes, in addition to landforms. By studying the geography, history, culture, religion, and contemporary issues facing a certain group of people or a specific area of space, students discover a significant amount of information about people in the present and in the past.

Middle School World History (primarily grade 7) COURSE DESCRIPTION

Middle School World History enables students to explore significant events, people, and places from prehistoric to modern times. Studying world history allows students to consider the historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time through conquest, exploration, and trade. Students also gain a better understanding of the role that geography plays in world history.

Middle School U.S. History (primarily grade 8) COURSE DESCRIPTION

Middle School U.S. History to 1877 encompasses the discovery of North America by European explorers, colonization, the Revolutionary War, and the Civil War. Students begin the course by learning about Native American tribes that existed in North America before the arrival of European explorers and colonization. Students then examine colonial life and the French and Indian War, as well as the events that preceded the Revolutionary War, the development of the U.S. government, and westward expansion. Finally, students study the events and circumstances that inspired the Civil War, key aspects of the Civil War, and the Reconstruction era.

United States History I COURSE DESCRIPTION

NCAA Eligible Course

United States History I introduces students to early American history and covers topics ranging from the first inhabitants of the North American continent through the end of the American Civil War. Students examine the growth of the United States, including major events that led to the American Revolution; post-Revolutionary War growth; the political, economic, and social landscape in the early 1800s; slavery; and territorial expansion. Students explore the concept of Manifest Destiny and the Civil War, leading to an analysis of the state of the nation at the Civil War's end.

United States History II COURSE DESCRIPTION

NCAA Eligible Course

In United States History II students continue to study United States history by exploring important historical moments from the Reconstruction era through the end of World War II. Students learn about the industrialization of this growing nation and the economic and social changes it underwent as the nation transitioned from an agricultural society to an industrial society. Students also analyze the challenges the nation faced as it was forced to choose between isolation and involvement in international armed conflicts. This course guides students as they interpret the extraordinary changes the nation went through after the American Civil War and examine how those changes ultimately led to the United States' emergence as an international power at the conclusion of World War II.

World History COURSE DESCRIPTION

NCAA Eligible Course

World History allows students to investigate significant events, people, and places from prehistoric to modern times. Studying world history allows students to consider the historical relevance of people, places, and events. In this wide-ranging course, students learn how the world and its inhabitants were shaped over time, and, in the process, gain a better understanding of the role that geography plays in world history.

Civics and Government (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Civics and Government offers students an introduction to the foundation of the democratic government of the U.S. and the basic principles of the judicial system. In this course, students explore what it means to be a citizen, as well as the structure of the legislative, executive, and judicial branches of the U.S. government. Students learn about how these branches work together. Students also look at the characteristics of state and local governments throughout the country to examine the organization and responsibilities of these branches. Students also explore the components of the American economy, including its foundations and how it interacts with other economies of the world.

Economics (0.5 credits) COURSE DESCRIPTION

Economics presents basic economic theory to students. They explore the ways in which the economy affects everyday life. Students examine basic economic concepts such as scarcity, opportunity cost, efficiency, and trade-offs as well as the factors of production. Students will compare the free market system to other economic systems. This course serves as an introduction and overview of economics.

Elective Social Studies Courses

1960s America (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

The 1960s America course gives students a look at life during this exciting and monumental decade. This course covers the social, political, and cultural movements and changes that occurred in the 1960s. Students explore different historical events and determine how these events impacted American citizens during the decade and afterward. The course also focuses on significant headlines of the 1960s to give students a realistic perspective of this decade.

African American History (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

African American History is a survey course that spans the history of America, including ancient African society and culture through the presidency of Barack Obama. Students examine the African American struggle to secure their constitutional rights. This course explores the powerful and influential role of African Americans in U.S. history.

Ancient History COURSE DESCRIPTION

NCAA Eligible Course

Ancient History enables students to explore the cultures of ancient civilizations throughout the world. They discover each civilization's contributions to art, music, literature, education, religion, science, technology, government, and philosophy. Students explore aspects of humanity from prehistoric to about 500 CE.d.

Law (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

In the Law course, students examine citizen obligations to law enforcement, the court system, and the rules and regulations that all Americans are expected to uphold. They explore the terminology and the regulations that structure and control society. Students study different types of crime and the law enforcement powers that are put in place to regulate and diminish overall crime. Students who are interested in a law career will benefit from learning the law and justice terminology presented in this course. **Warning**: *This content contains subject matter that may be considered offensive or graphic*.

Political Science (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

Political Science is an introduction to political science as an academic discipline. Students discover the origin, creation, and function of different political systems within the United States and across the globe. Students explore political theories, such as systems theory and the social contract theory. Additionally, students examine economic concepts, how countries interact with one another, international governmental organizations and non-governmental organizations, and the role of media in politics while developing skills in research methodology.

Psychology (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

In Psychology, students explore the science of explaining and controlling human behavior. Psychology plays an integral part in everyday life because all decisions, relations, and emotions are closely tied to behavior and genetics. Within this course, students look at behavior, and they consider prominent psychologists who have made impressive and monumental discoveries through testing, research projects, and proving theories. Students study everything from the anatomy of the brain to psychological disorders.

Sociology (0.5 credits) COURSE DESCRIPTION

NCAA Eligible Course

In the Sociology course, students explore the various topics and sociological terminology necessary for understanding and exploring the field. Students investigate major sociological perspectives and the famous sociologists who invented and contributed to them. Additionally, students determine how researchers perform valid and reliable sociological studies. This course is ideal for students who are interested in pursuing post-secondary careers in sociology, psychology, law, or other social sciences.

World Cultures COURSE DESCRIPTION

NCAA Eligible Course

World Cultures explains global geography, history, and culture to students. In this course, students study the major political powers of each era and discover how the world's earliest civilizations developed through the Age of Exploration to the Industrial Revolution. In the second half of the course, students examine a world at war, navigating the Great War, nationalist movements in Russia and Asia, World War II, the Cold War, Third World independence, and struggles for democracy. The course closes with discussions of current global issues such as terrorism, technology, economy, pollution, and renewable energy.

Middle School Elective Courses

Art 6 (1 semester) COURSE DESCRIPTION

Art 6 encourages students to collaborate to create art. Students investigate how art can be personally significant while learning to be open to new artistic ideas, materials, methods, and creative approaches. In this course, students also explore the ways in which art equipment and materials can affect the environment. They study why and how artistic design can influence people, and they design art for a diverse population. Students also determine whether works of art successfully communicate their intended message. This course introduces three-dimensional art, and students compare two-dimensional and three-dimensional pieces before creating their own 3-D artwork. They will view art from around the world and determine what the works reveal about the values and lifestyles of the people depicted in the works. Finally, students learn the importance of preserving art and the ways in which to critique art.

Art 7 (1 semester) COURSE DESCRIPTION

In Art 7, students transition from exploratory art discovery to a more discipline-based approach. This new approach focuses on developing students' skills and techniques as well as content knowledge, while still allowing for exploration and individuality. Students have the opportunity to act as real artists through repeated sketching, concept development, and continued research and observation activities while they work with a variety of media. Art 7 includes a strong focus on independent, creative thinking and problem solving through project-based learning. This course is designed to cover a half year of instruction, but it can be completed at each student's own pace. The project-based activities have dedicated, multi-day lessons to allow students time to sufficiently and successfully develop their ideas and artwork.

Art 8 (1 semester) COURSE DESCRIPTION

In Art 8, students will be introduced to design elements and principles, as well as contemporary art-making processes and the act of conceptual thinking. The Art 8 curriculum is designed to cover a half-year of instruction but can be completed at each student's own pace.

Middle School Earth and Space Science COURSE DESCRIPTION

In Middle School Earth and Space Science, students study the planet Earth and the extensive solar system structure in which it resides. They evaluate Earth's climate and its weather patterns and changes, and they learn about life science and how chemistry and physics play a role in Earth's major processes. Students also investigate climate change and the ways in which global warming impacts Earth. By evaluating the numerous facets of our planet, students prepare for higher level and more subject-specific science courses.

Middle School Life Science COURSE DESCRIPTION

Middle School Life Science introduces students to an integrated approach to physical and life sciences. Students study science concepts and problem solving, while exploring the many aspects of the living and nonliving world around them. Students review numerous cycles of life and study their impact on animal, plant, and human life. Students also investigate important topics in histology, heredity, and the biology of living organisms.

Middle Physical Science COURSE DESCRIPTION

Middle School Physical Science introduces students to the foundational concepts of both physics and chemistry. Students begin by studying topics related to the nature of science and engineering, where they gain the skills necessary to succeed in inquiry-based and engineering labs. They move on to learn the general principles of chemistry and physics, including matter and energy, chemical reactions, motion and forces, and interactions of waves. This course allows students to explore these major concepts through unique labs based on real-world phenomena.

Music 6 (1 semester) COURSE DESCRIPTION

In Music 6, students express ideas and creativity through music. Students apply music terminology to different instrument groups and learn to read music. Additionally, students discuss different forms of music and popular songs within Western and worldwide music.

Music 7 (1 semester) COURSE DESCRIPTION

In Music 7, students explore the history, development, and attributes of American music. They will learn music theory and music reading skills, which are presented and reinforced within the context of historical musical works. Students interpret sheet music that represents various genres of American music. Additionally, students practice performing music vocally and with a pitched instrument.

Music 8 (1 semester) COURSE DESCRIPTION

In Music 8, students are introduced to a variety of music genres and instruments. They explore the concepts of rhythm, melody, timbre, texture, dynamics, form, and rhythm, and they learn to sight read music. Students listen to various examples of songs to interpret performances, and they compose and perform their own song.

Middle School Health (1 semester) COURSE DESCRIPTION

Middle School Health explores each of the health dimensions, including physical health, social health, emotional health, and intellectual health. Students learn about healthy eating habits, safe exercise routines, and ways to prevent disease. They also study how to improve their emotional and intellectual well-being, including methods for boosting their self-confidence and enhancing their decision-making skills. In addition, students learn to apply refusal skills when faced with peer pressure while maintaining healthy relationships. By the end of the course, students will have the tools necessary to improve all areas of health in order to achieve total wellness and make healthier lifestyles choices.

Middle School Nutrition and Personal Fitness (1 semester) COURSE DESCRIPTION

In Middle School Nutrition and Personal Fitness, students explore nutrition, dietary needs, and physical fitness. With a foundation in nutrition principles and practices, students read food labels and identify food safety concerns. With regard to physical fitness, students analyze exercise guidelines that promote healthy lifestyles.

Physical Education 6 (1 semester) COURSE DESCRIPTION

Physical Education 6 provides a complete physical education experience, allowing students to learn the basics of living a healthy life and the benefits of being active as often as possible. Students begin by learning about the organized, supervised physical activity required for the course. They also learn how to document their activity within a PE Log. Next, students move into the content, studying topics ranging from health, nutrition, and safety to new, fun, and challenging activities. Before attempting each activity, students receive instruction on the basic elements and the proper execution of each movement so that they can get the most benefits from the exercise. Regardless of the activity students are asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. This expectation helps them to create a routine schedule. Students can be active by performing different exercises, by engaging in different activities, or by using items from their grade-appropriate physical education kit, which is available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items

Physical Education 7 (1 semester) COURSE DESCRIPTION

Physical Education 7 offers a comprehensive physical education course for students to assist them in creating a healthy lifestyle and living an active life. Students begin by learning about the required, supervised physical activity and how to document their activity in a PE Log. Students can also track their activity by using a physical fitness step tracker. Students then move through the course content, which ranges from topics about healthy living and eating to a variety of fun and challenging activities. Before attempting each activity, students receive instruction on the basic elements and the proper execution of each movement so that they can get the most benefits from the exercise. Regardless of the activity students are asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. This expectation helps them to create a routine schedule. Students can be active by performing different exercises, by engaging in different activities, or by using items from their grade-appropriate physical education kit, which is available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items.

Physical Education 8 (1 semester) COURSE DESCRIPTION

Physical Education 8 offers a complete physical education experience for students, helping them learn about and implement healthy habits. Whether it is through nutrition, exercise, or general life choices, students are educated on the multiple facets of creating a healthy lifestyle. Students begin by learning about the required physical activity and how to document their activity in a PE Log. Students can also track their activity by using a fitness tracker. Next, students begin to work through the course content, which ranges from topics about the F.I.T.T. principle and other fitness components to various fun and challenging activities and exercise techniques. Before attempting each activity, students receive instruction on the basic elements and the proper execution of each movement so that they can get the most benefits from the exercise. Regardless of the activity students are asked to do within a given day, they are encouraged to get up and move for a certain amount of time within each lesson. Students can be active by performing different exercises, engaging in different activities, or by using items from their grade-appropriate physical education kit, which is available to purchase. This kit, which is designed to work in conjunction with the course content, contains age-appropriate exercise and activity items.

Introduction to Foreign Language (1 semester) COURSE DESCRIPTION

The Introduction to Foreign Language course is geared toward students who are interested in taking a foreign language course, but are not sure in which language they would like to begin their studies. This course provides an introduction to German, Spanish, and French languages, allowing students to explore the culture and other important dynamics associated with each language. Students learn the basic vocabulary and structures of the languages in ways that are fun and educational.

High School Elective Courses

*The following courses can satisfy the Visual Performing Applied Arts Requirement

Music Appreciation COURSE DESCRIPTION

Music Appreciation stimulates personal growth when listening to music by exposing the student to a large variety of music with provided listening maps indicating applicable music terminology. Students will be able to explain personal music preference and identify how music is impacted by technology, social values, and daily life of the composers. Students develop an understanding of the composer's intent and the ability to rationalize personal interpretation of music works. Similarities and contrasts in music throughout the eras are identified as well as how previous compositions impact future compositions. This course is well suited for advanced upper-level secondary students who plan to focus on music during their post-secondary studies.

Advertising (0.5 credits) COURSE DESCRIPTION

Throughout the Advertising course, students discover the various ways that advertisements touch their lives. This course presents a comprehensive introduction to the field of advertising, which includes its purpose and the theory behind it. In this course, students learn to identify target markets, distinguish different types of business, and interpret the information they gather to create a winning advertising plan. Students investigate the needs and wants of both the consumers to whom they are advertising and the companies for which they are creating the advertisement. Lessons will cover the basic skills and knowledge required to work in the advertising world and will guide students through the creation of a complete advertising plan. Students in this course are presented with a realistic idea of what a career in advertising entails.

Business Applications (0.5 credits) COURSE DESCRIPTION

In Business Applications, students focus on business software and the corresponding skills required in the business world. The course begins with an overview of computers, including hardware, software, and operating systems. Students explore spreadsheet, word processing, presentation, and database software and discover how to fulfill a customer request using these skills. They also study web-based applications and additional software packages and learn about Internet technology. Students investigate common security concerns and discover how to prevent security issues. Finally, students experience the software development cycle where they learn how various professionals utilize business applications. They discover the importance of moral and ethical responsibility in an online community. Students must possess basic spreadsheet, word processing, and presentation software skills before entering this course. Additionally, students must be independent learners, and they must be comfortable learning new technology and researching software features and functions.

Requisite Software: Microsoft Office 2016 Suite

Business Management (0.5 credits) COURSE DESCRIPTION

Business Management guides students through examples of their roles as wage earners, consumers, and citizens as they explore the wide, exciting world of business. Students examine topics ranging from extensive credit use to the role of government in the U.S. economy. Students are encouraged to take Introduction to Business as a prerequisite to Business Management, as Business Management dives deeper into the different aspects of managing a business successfully.

Career Explorations (0.5 credits) COURSE DESCRIPTION

Career Explorations allows students to investigate the necessary steps to prepare for careers that match their interests, abilities, and aptitudes. Students research various careers, their roles in society, job duties, required education and qualifications, and salary and outlook. They acquire job-seeking skills such as resume writing, interviewing, and portfolio development skills. Students discover workplace dynamics, how to navigate challenging situations, and explore various techniques for advancing in their chosen career field. This course prepares students to manage the financial challenges they will face as they prepare for a career and future employment. Students apply newly acquired knowledge and skills in a real-world experience to further solidify future career plans.

Fashion Design (0.5 credits) COURSE DESCRIPTION

Fashion Design is an advanced course for students interested in learning the intricate process of how the fashion system works. Students will study the fashion business in sequential order from concept to consumer. They will examine all of the processes involved in the industry from producing raw materials, apparel, and accessories to the retail stores that sell fashion merchandise to the public. Students learn that the decision-making process is complex and not just about the latest designers, styles, or trends of an era. In this course, students will explore the history of fashion, including the looks and creations at every era. They will discover the equipment, tools, and fabrics used to create fashion, and they will learn how technology is used in fashion. Students have an opportunity to express themselves and their style through the creation of their own fashion design sketches and mood boards. Students will learn fashion terminology and how to forecast new and upcoming fashion trends.

Human Development and Family Studies (0.5 credits) COURSE DESCRIPTION

Students in the Human Development and Family Studies course explore the basic information about human development, parenting roles and strategies, and functioning effectively within the family in today's changing and complex society. This course helps students to develop competencies related to genetics, family types, and effective communication. They investigate the ways in which humans develop over their lifespan, human relationships, child care, and child abuse. Students also learn the importance of creating a nurturing and caring home environment.

Introduction to Business (0.5 credits) COURSE DESCRIPTION

In the Introduction to Business course, students explore their roles as wage earners, consumers, and citizens as they discover the wide, exciting world of business. In this introductory course, students investigate topics pertaining to investment strategies and business communications that are vital for success in today's economy. Students analyze the impact of marketing and the role of the government in the realm of business and economy.

Introduction to Digital Media COURSE DESCRIPTION

Introduction to Digital Media provides students with a foundation in graphic arts, sound, and video media. Students explore production and portfolio generation while evaluating and analyzing other artists. Topics extend beyond the actual visual demonstrations, allowing students to review the editing process for images, sound, and video. In this introductory course, students explore the vast possibilities of digital media, how it is used in everyday advertising and art, and where innovation exists within the field.

Requisite Adobe Software: Audition, Bridge, Illustrator, Photoshop, Portfolio, Premiere

Life Skills (0.5 credits) COURSE DESCRIPTION

Life Skills provides students with important information that will help them to lead independent and successful lives as adults. In this course, students focus on topics including personal finance, nutrition, and personal development. The useful skills students gain in this course will help them to become responsible and proactive young adult

Marketing (0.5 credits) COURSE DESCRIPTION

Throughout the Marketing course, students discover the various ways marketing affects their lives. This course introduces students to the study and implementation of market analysis, which focuses on identifying customer needs and desires and supplying them with those exact requests. The course provides a solid foundation for students contemplating careers in marketing, advertising, or other business-related and commercial fields.

Theatre I

COURSE DESCRIPTION

Theatre I invites students to explore the history of theatre and the basic elements of stage production. The course highlights the technology used to create early and modern stage productions and the basic fundamentals of acting. Theatre I provides students with a look at production elements such as stage lighting, sound, costume, and makeup. Students learn to apply voice and gesture skills in pantomimed and improvised scenarios, and they receive an overview of the responsibilities of the producer, director, and technical crew of a theatre production. Students develop insight to the motivations of a playwright in the development of a story, and they explore the careers and works of famous playwrights. Theatre I provides a balanced educational experience for all students so that they can gain the inquiry and critical skills involved in clarifying theatrical perceptions and knowledge.

High School World Language Courses

*The following courses can satisfy the World Language Requirement

French I COURSE DESCRIPTION

NCAA Eligible Course

French I is an introductory course designed for students who have little or no previous knowledge of the French language and culture. This course will allow students to acquire the tools necessary for communication and comprehension of the French language. Students explore the global francophone community, and they compare these different cultures to each other and to their own. This course primes students' fluency through various types of communications.

French II COURSE DESCRIPTION

NCAA Eligible Course

In French II, students have the opportunity to review some of the structures from French I, but they also build their knowledge of the basic and intermediate French concepts. Students review the present tense of regular and irregular verbs, the *passé composé* with *avoir* and *être*, and adjective agreement and placement. Students examine grammatical forms and are challenged to progress in their basic knowledge and speaking capabilities.

French III COURSE DESCRIPTION

NCAA Eligible Course

In French III, students continue their study of the French language and popular French culture. They use larger vocabulary terms and explore a variety of literary texts that include the structures and vocabulary that they are learning. In this course, students study vocabulary, grammar, and culture in context through authentic literary and journalistic texts, putting these items into practice through written and spoken tasks.

German I COURSE DESCRIPTION

NCAA Eligible Course

In German I, students are introduced to the basic and fundamental skills necessary for expressing common ideas in the German language. They learn to state daily activities and how to have an introductory conversation. These concepts build in theme and scope, allowing students to explore topics including daily activities, travel, needs, desires, and preferences in typical and increasingly complex situations. The course provides a realistic context in which students can practice their newly acquired skills. German I also provides a considerably thorough study of grammatical skills, ranging from the most basic sentences to engaging and creative structures dealing with more interesting situations.

German II COURSE DESCRIPTION

NCAA Eligible Course

German II provides students with a comprehensive introduction to nouns and verbs and previously learned concepts. Students examine the case systems extensively, and focus on verbs throughout this course. They learn different types of verbs and their conjugations in different grammatical tenses such as present, future, past simple, and present perfect. Students practice one of the most challenging aspects of German grammar — verbs with accusative, dative, and genitive prepositions — thoroughly. Students learn a large number of new vocabulary words and idioms to assist in their continual development of language.

German III COURSE DESCRIPTION

NCAA Eligible Course

In German III, students continue their study of the German language and popular German culture. Students use larger vocabulary terms and explore a variety of literary texts that include the structures and vocabulary that they are learning. In this course, students study vocabulary, grammar, and culture in context through authentic literary and journalistic texts, putting these items into practice through written and spoken tasks.

Spanish I COURSE DESCRIPTION

NCAA Eligible Course

Spanish I provides students with a strong foundation of the Spanish language and its cultural influences. From pronunciation to basic grammar and practical vocabulary, students gain a fundamental understanding of written and conversational Spanish. Students practice pronunciation sounds, greetings and introductions, questions, and present-tense verb conjugation. Students learn how to describe people, school, and pastime activities in addition to likes and dislikes. Spanish I presents information in a fun, interesting format that promotes learning and draws a link between the classroom and real-world situations.

Spanish II COURSE DESCRIPTION

NCAA Eligible Course

Spanish II is the next course in the Spanish sequence, and this course introduces complex grammatical components, such as reflexive verbs and the present progressive, preterite, and imperfect tenses, along with idiomatic expressions unique to the Spanish language. Building on an ever-growing lexicon, students incorporate concepts to form questions, express preferences and possession, discuss the past, and describe and compare people, places, and locations. Spanish II continues to build a foundation for students in their pursuit to learn and master the Spanish language.

Spanish III COURSE DESCRIPTION

NCAA Eligible Course

In Spanish III, students will acquire a more extensive topical vocabulary while gaining a higher understanding of complex grammatical structures, verb applications, and idiomatic expressions. Students will increase their reading and listening comprehension as well as their fluency in speaking and writing in Spanish. Students will describe, analyze, summarize, and explain ideas verbally and through writing, using the Spanish language.

High School Physical Education/Health Courses

*The following courses can satisfy the Physical Education/Health Requirement

Nutrition and Personal Fitness (0.5 credits) COURSE DESCRIPTION

High School Nutrition and Personal Fitness helps students to recognize the impacts that nutritional choices and personal fitness play within their lives. Students learn practical ways to control their health through nutrition, exercise, and stress management. Students discover that physical fitness will help them to feel good.

Health (0.5 credits) COURSE DESCRIPTION

In Health, students discover how to make conscientious decisions when attempting to improve their overall health and wellness. From healthy lifestyles, diets, and exercise to responsibilities within individual families and larger communities, topics within the health discipline are pertinent and applicable to all students. Throughout the course, students review concepts that promote safe, healthy, and active lifestyles.