



NCAA

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APPROVED  
COURSE  
CATALOG

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GA Course Code	Course Name	Category	HS / MS	Description	Quarters / Semesters
ENG110	English 9	English	HS	In this course, students will focus on vocabulary development, comparing connotation with denotation and identifying word meanings using sentence structure. Reading instruction will stress inference; analysis of interesting and important information; character development and complex figurative language in narrative literature and poetry. Writing exercises will emphasize the comparison of multiple ideas and perspectives. Students will further develop skills in analytical evaluation and assessment of writing, including a study of the editing process and the evaluation of source materials.	2-S
ENG210	English 10	English	HS	In this course, students will engage in reading and writing exercises that promote vocabulary development, using connotative evaluation to better ascertain meaning through analogy and antonym context clues. Reading instruction focuses on electronic text, using explicit and implicit information to evaluate informational text, and on complex figurative language, including simile, metaphor, pun, symbolism and personification. Reading assignments will focus on how politics, history, and culture contribute to great literature. Writing assignments will focus on analysis and interpretation of multiple ideas and perspectives, with an emphasis on persuasive writing.	2-S
ENG310	English 11	English	HS	In this class, students will focus on developing skills for analysis and interpretation of texts that include multiple ideas and perspectives. Writing exercises will stress synthesis and conclusion-making skills, as well as developing experience with the editing process.	2-S

ENG410	English 12	English	HS	In this course, students will study English as it applies to work, professional training and higher education, with vocabulary studies in word etymologies, Latin roots and the cultural and social impact on the "living" language. Reading assignments will emphasize literary analysis, historical commentary, political statements and culturally and historically significant literary works. Writing assignments will emphasize cause and effect, analysis and refutation of opposing opinions, and important text connections.	2-S
ENG414	Creative Writing	English	HS	For many hundreds of years, literature has been one of the most important human art forms. It allows us to give voice to our emotions, create imaginary worlds, express ideas, and escape the confines of material reality. Through creative writing, we can come to understand ourselves and our world a little bit better. This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.	2-Q
MAT100	Pre-Algebra	Math	MS / HS	In this class, students will develop fluency with rational numbers and proportional relationships, extending elementary skills with mathematical concepts that serve as a transition into formal algebra and geometry. The class will emphasize rational numbers, proportionality, measurement, data collection and probability. Students will develop an understanding of rational number concepts, become proficient in rational number computation, and learn to think flexibly about relationships among fractions, decimals, and percents	4-Q
MAT110	Algebra I	Math	HS	In this class, students will build upon the foundations established in pre-algebra and basic mathematics to develop a growing understanding of how to perform operations and solve problems with real numbers. Students will focus on the importance of linear relations; develop fluency with the language and operations of algebra to analyze and represent relationships; and perform exercises in statistics and statistical methods to solve problems.	2-S

MAT210	Geometry	Math	HS	In this course, students will explore geometry through inductive and deductive processes, technology, constructions, manipulatives and algebraic connections. Students will develop the structure of Euclidean geometry logically and apply the resulting theorems, proofs and formulas to address meaningful problems. Students will use experimentation and inductive reasoning to construct geometric concepts, discover geometric relationships and formulate conjectures. Students will employ deductive logic to construct formal logical arguments and proofs.	2-S
MAT310	Algebra II	Math	HS	In this course, students will build upon the knowledge previously learned in Algebra I and Geometry, expanding their ability to understand, perform operations and solve problems with real numbers. Students will focus on the importance of linear relations; develop fluency with the language and operations of algebra to analyze and represent relationships; and perform exercises in statistics and statistical methods to solve problems.	2-S
MAT430	Statistics	Math	HS	In this course, students will complete statistical evaluations through advanced math calculations. Statistics coursework will explore a wide variety of data systems and models, and utilize statistical systems to graph, interpret, and draw conclusions from data. Additionally, students will further develop skills in calculating probability, mean, and understanding the distribution of data within a system.	2-Q
SCI120	Physical Science	Science	HS	In this course, students will investigate matter and explore its properties and interactions in the world. They will learn to relate speed, velocity, and acceleration to objects in motion. Students will explore the nature of waves, sound, and the electromagnetic spectrum. They will explore electricity, and how electrical charges and electrical currents function. Students will study the physical and chemical properties of matter, including the different states of matter, atomic theory, the Periodic Table of Elements, electrons, bonding, chemical formulas and chemical reactions. Lastly, they will learn how electricity creates energy resources, and consider the environmental and human impacts of different types of resources. Hands-on lab investigations will be emphasized for students to engage with the course material.	2-S
SCI210	Biology	Science	HS	In this course, students will study the ways in which ecosystems are shaped by interactions among living organisms and their physical environment. The class will emphasize the states of change and balance that are constantly at force on the environment and will study the role humans and other organisms play in impacting those states. Units will include an exploration of the composition of	2-S

				organisms; the relationship between organs and organ systems; and the role of DNA in reproduction and genetic expression.	
SCI310	Chemistry	Science	HS	In this course, students will study matter on Earth and the periodic table of elements, including the relationship that exists between chemical behavior and the structure of atoms. The class will include units on the periodic table, the emission of high-energy particles resulting from nuclear changes, chemical bonding, chemical reactions and dynamic equilibrium.	2-S
SCI410	Physics	Science	HS	In this course, students will study matter, energy, electricity, magnetism, momentum and motion. Lessons will focus on how to measure the motion of an object in terms of position, time, velocity and acceleration; determine the relation between force, mass, and acceleration; determine the strength of gravitational and electric forces; and understand the properties and applications of waves.	4-Q
SOC310	U.S. History	Social Sciences	HS	In this course, students will study the role of and investigate the relationship between events of different time periods in American history; beginning with an exploration of the nation's pre-reconstruction period. Learners will further study the significance of the American Revolution in the industrial development of the United States; understand the structure and function of the United States government established by the Constitution; explore the territorial growth of the United States before the Civil War; examine the expansion of the political system and social rights before the Civil War; and understand the significance of the Civil War Era to the United States.	2-S
SOC410	U.S. Government	Social Sciences	HS	In this course, students will be introduced to the concept of government, politics, and civic life. They will examine the origins, functions, and structure of our government and discuss the principles and values that the U.S. Constitution promotes. They will study political structure and process, including political parties, voting, and foreign policy. Students will also describe and evaluate the civic and personal responsibilities of citizens, including what it means to be a member of a state and the nation. They will research a public issue, evaluate how to make a reasoned argument, and propose solutions. They will also examine the impact of media on the political process and on social opinion. As a final project, they will research a local community service project and describe how the experience relates to the American ideal of participation.	2-S

SPN110	Spanish I	Language	HS	<p>In this course, students will listen, read, write, and speak introductory Spanish. They will identify reasons for learning a language and be exposed to cultures of Spanish speaking countries. Students will use basic vocabulary to express and describe themselves and their world. They will communicate about daily activities, friends, food, locations, community, sports, and technology. They will also write scripts in Spanish and record themselves speaking the language. Emphasis will be placed on using correct vocabulary and grammar throughout the course.</p>	2-S
SPN210	Spanish II	Language	HS	<p>Using knowledge from Spanish 1, students will continue to build skills in listening, reading, writing, and speaking Spanish. They will compare the Spanish language to their own language and be exposed to cultures of Spanish speaking countries. Students will continue to build on their vocabulary skills set to express and describe themselves and their world. They will communicate information about family members, clothing, rooms in their home, ideal vacations, and daily routines. Students will also learn how to order food in a Spanish speaking restaurant and how to use the Spanish past tenses to talk about their childhood. They will also write scripts/short stories in Spanish and record themselves speaking the language. Emphasis will be placed on using correct vocabulary and grammar throughout the course.</p>	2-S



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