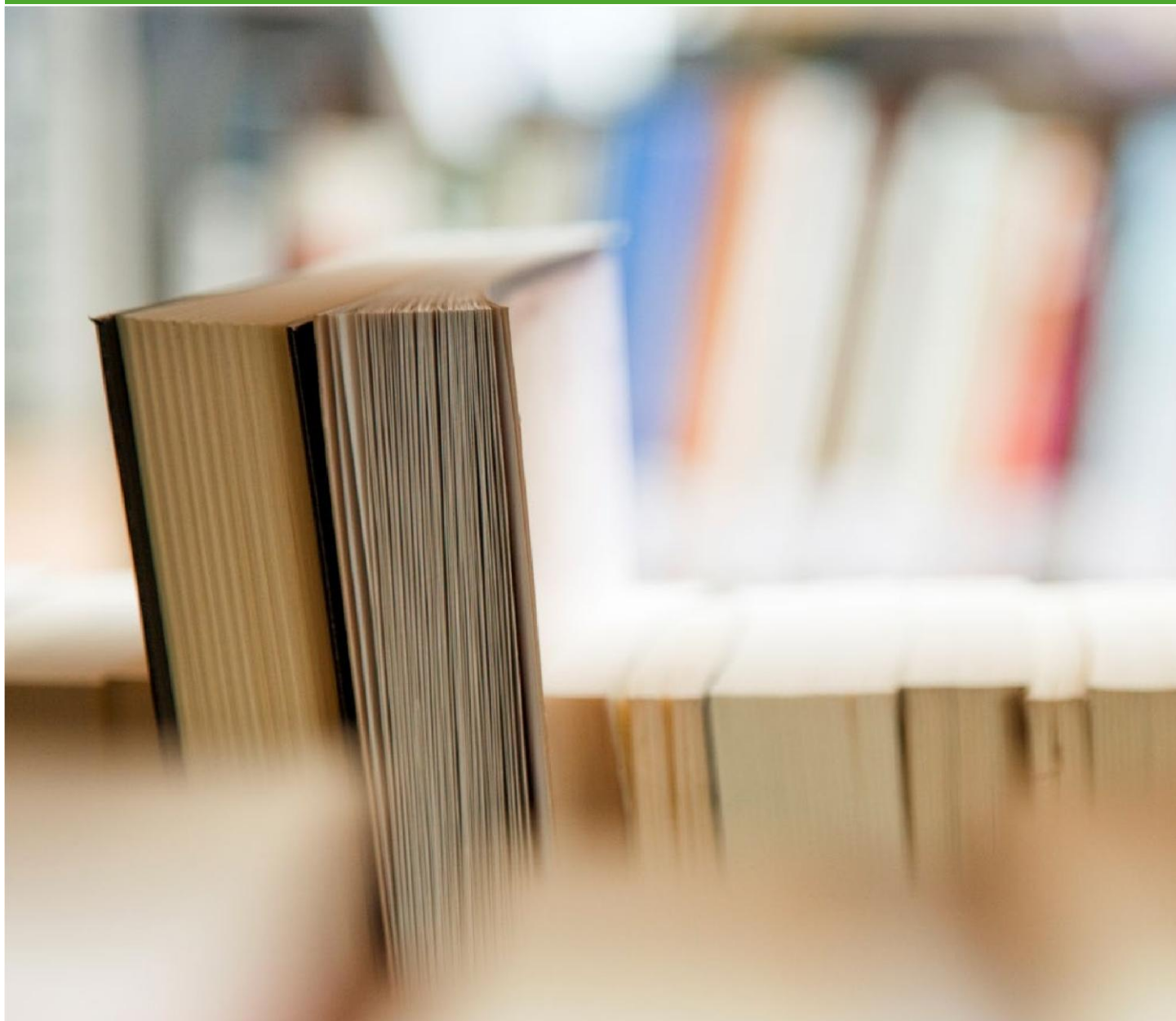


HVAM High School Course Catalogue 2026- 2027

9-12th Grades



Contents

English Language Arts 3

Math 9

Science 13

Social Studies 16

World Languages 20

Arts 23

PE/Health 24

Electives 25

AP Courses 28

English Language Arts

ENG001 English Foundations I <i>(Full Year)</i>	Students build and reinforce foundational reading, writing, and basic academic skills typically found in third through fifth grade for which they have not achieved mastery. Through carefully paced, guided instruction and graduated reading levels, students improve reading comprehension and strategies, focusing on literacy development at the critical stage between decoding and making meaning from text. Instruction and practice in writing skills help students develop their composition skills in a variety of formats. If needed, students can continue their remediation of reading and writing skills with English Foundations II.
ENG011 English Foundations II <i>(Full Year)</i>	Students build and reinforce foundational reading, writing, and basic academic skills needed for success in high school. Struggling readers develop mastery in reading comprehension, vocabulary building, study skills, and media literacy. Students build confidence in writing fundamentals by focusing on composition in a variety of formats, grammar, style, and media literacy
ENG108 English 9 <i>(Full Year)</i>	This Summit English 9 course includes engaging and interactive instruction about reading, writing, speaking, listening, and language, focusing on exploring various genres and their elements. Students learn to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.
ENG106 English 9 CR <i>(Offered Semesters 1 & 2)</i>	This course is also offered as a free material version (Digital). The English 9 Credit Recovery course is a flexible online course designed for students who need to retake the course, catch up to classmates, or earn the credits necessary to graduate on time. The course includes engaging and interactive instruction about reading, writing, speaking, listening, and language, focusing on exploring various genres and their elements. Students learn to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 9. Examples of works studied include "The Black Cat," "Ain't I a Woman?" "Nothing Gold Can Stay," and the novel The Alchemist. Students also learn about the formal writing process as they write a literary analysis essay.

ENG109 English 9 Honors <i>(Full Year)</i>	The Summit English 9 Honors course includes engaging and interactive instruction about reading, writing, speaking, listening, and language, focusing on exploring various genres and their elements. Students learn to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers. This course includes all the topics in ENG108 and several extension activities. Each semester also consists of an independent honors project.
ENG208 English 10 <i>(Full Year)</i>	The Summit English 10 course includes engaging and interactive instruction about reading, writing, speaking, listening, and language, focusing on exploring various genres and their elements. Students learn to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 10. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.
ENG206 English 10 CR <i>(Offered Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). The English 10 Credit Recovery course is a flexible online course designed for students who need to retake the course, catch up to classmates, or earn the credits necessary to graduate on-time. The course includes engaging and interactive instruction about reading, writing, speaking, and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 10. Examples of works studied include “The Pit and the Pendulum,” poems by Lord Byron and Ezra Pound, Nixon’s resignation speech, and the memoir Night. Students also learn about the formal writing process as they write a literary analysis essay.
ENG209 English 10 Honors <i>(Full Year)</i>	The Summit English 10 Honors course includes engaging and interactive instruction about reading, writing, speaking, and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 10. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers. This course includes all the topics in Summit English 10, as well as an independent honors project in each semester.
ENG303 American Literature <i>(Full Year)</i>	In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. These works provide opportunities for text analysis, critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests.

ENG304 American Literature Honors <i>(Full Year)</i>	In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for text analysis, critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests. Students enrolled in this challenging course also complete independent projects that deepen their understanding of the themes and ideas presented in the curriculum.
ENG306 American Literature CR <i>(Offered Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.
ENG020 Public Speaking Grades 11th – 12 th <i>(Semester 1)</i>	Students are introduced to public speaking as an important component of their academic, work, and social lives. They study public speaking occasions and develop skills as fair and critical listeners, or consumers, of spoken information and persuasion. Students study types of speeches (informative, persuasive, dramatic, and special occasion), read and listen to models of speeches, and prepare and present their own speeches to diverse audiences. Students learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and to benefit from listener feedback. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.
Creative Writing ENG030 Grades 11th – 12 th <i>(Semester 2)</i>	In this course, students explore a range of creative writing genres, including fiction, poetry, creative nonfiction, drama, and multimedia writing. They study examples of classic and contemporary selections, apply what they learn to their own writing, and develop proficiency in the writing process. They learn to evaluate the writings of others and apply evaluation criteria to their own work. By the end of the course, students will have created a well-developed portfolio of finished written works.
ENG040 Grammar and Composition Grades 10th -12 th <i>(Full Year)</i>	In the course, students will consider the themes of personal identity and coming of age as they engage in writing assignments designed to provide basic writing practice. Students will read several short literary pieces. Instruction will focus on ideas, organization, sentence fluency and conventions.

BUS410 Intro. Business Communications Grades 11th – 12 th <i>(Semester 1)</i>	This course presents a streamlined approach to business communication, featuring coverage of current technologies to prepare students for success in today's hyperconnected digital workplace. Exercises help students build confidence as they review grammar, punctuation, and writing guidelines. Students learn basic writing skills and apply them to emails, memos, letters, reports, and resumes. Model documents, exercises, and activities introduce the latest business communication practices.
COM110 Interpersonal Communication Grades 11th -12 th <i>(Semester 2)</i>	This course is a Project Based Learning course (PBL) and is designed as an exploration of interpersonal communication. Students study the concepts of communication, intercultural communication, building a personal brand, how to communicate effectively, and more. Students' complete projects to develop a deeper understanding of the roles these career functions play.
COM230 Introduction to Journalism 1 Grades 10th – 12 th <i>(Offered Semesters 1 & 2)</i>	Does your curiosity lead you to the heart of the matter? Channel this curiosity into developing strong writing, critical thinking, and research skills to perform interviews and write influential pieces, such as articles and blog posts. Learn about the evolution of journalism and its ethics, bias, and career directions to forge your path in this field.
OTH036 Gothic Literature Grades 10th – 12 th <i>(Semester 1)</i>	This one-semester course is intended to familiarize you with the different conventions, themes, and elements of Gothic literature through the analysis of representative literary works. The course discusses classics such as Mary Shelley's novel Frankenstein, Ann Radcliffe's novel A Sicilian Romance, Nathaniel Hawthorne's novel The Scarlet Letter, Robert Louis Stevenson's Gothic novella Strange Case of Dr. Jekyll and Mr. Hyde, and Bram Stoker's Dracula. It also analyzes Edgar Allan Poe's Gothic short stories, Robert Browning's Gothic poems, and Emily Dickinson's poems about death, mortality, and spirituality. Finally, you get a glimpse of Matthew Lewis and Percy Bysshe Shelley's Gothic dramas, learn about Gothic parodies and Gothic subgenres, and discuss contemporary Gothic literature.

OTH095 Mythology & Folklore Grades 10th – 12th <i>(Semester 2)</i>	In Mythology and Folklore, you will describe myths related to the creation of the world, the natural elements, and the destruction of the world. You will identify the main characters of various dynastic dramas, love myths, and epic legends and describe their journeys. You will trace the evolution of folklore and describe folktales from around the world. Students will be able to do the following: ❖ Assess and examine various myths, legends, and folklore. ❖ Evaluate the importance of mythology in various cultures and identify the characteristics and supernatural powers of various gods and goddesses in classical mythology. ❖ Examine various myths related to the creation and destruction of the world. ❖ Analyze myths related to various natural elements and events. ❖ Identify the protagonists of various dynastic dramas and examine their struggles. ❖ Identify the prominent characters involved in the Trojan War and examine their struggles during the conflict. ❖ Analyze how Odysseus triumphs over various obstacles and perils on his journey back home from Troy. ❖ Analyze the different stages of a hero cycle and examine the qualities and virtues embodied by the heroes in various stories. ❖ Illustrate the adventures of various heroes and evaluate how they defeat the monsters they encounter on their journeys. ❖ Analyze various myths about love involving gods, goddesses, and mortals. ❖ Identify the main characters in the legends of King Arthur and Robin Hood and illustrate their roles in these British legends. ❖ Identify various stories involving legendary monsters, places, and people. ❖ Evaluate the evolution of folklore and identify various folktales from around the world. ❖ Identify the main characters of various fairy tales and identify their roles. ❖ Identify the roles of tricksters in various myths, legends, and folklore
EN2HS ELA Skills Recovery Grades 10th -12th <i>(Full Year)</i>	The High School English Language Arts Skills Recovery I course is a flexible online course designed for grade 9 and 10 students who would benefit from remediation of general skills or strengthen skills in specific areas. The course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grades 9-10. Examples of works studied include “Harrison Bergeron,” poems by Sara Teasdale and Stephen Crane, F.D. Roosevelt’s “Four Freedoms” speech, and the memoir Night. Students also learn about the formal writing process as they write various genres of essays.

CS499 CS HS ELA Enrichment	This high school English Language Learner (ELL) course is designed to help students strengthen their English skills for success in school, future careers, and everyday communication. Students will practice reading, writing, speaking, and listening through engaging lessons, discussions, short texts, vocabulary activities, and real-world language practice. Instruction will focus on building academic vocabulary, improving grammar and sentence structure, developing reading comprehension, and becoming more confident communicating in English.
ENG500B AP English Comp	In AP English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. As the equivalent of an introductory college level survey class, this course prepares students for the AP exam and for further study in communications, creative writing, journalism, literature, and composition. Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP Exam.

Math

MTH107 Developmental Algebra <i>(Full Year)</i>	This is the first course in a two-year algebra sequence that concludes with Continuing Algebra. In this course, students begin to explore the tools and principles of algebra. Students learn to identify the structure and properties of the real number system; complete operations with integers and other rational numbers; work with square roots and irrational numbers; graph linear equations; solve linear equations and inequalities in one variable; and solve systems of linear equations. Sophisticated virtual manipulatives and online graphing tools help students visualize algebraic relationships. Developmental Algebra covers fewer topics than a one-year algebra course, providing students with more time to learn and practice key concepts and skills. After completing Developmental Algebra, students will be prepared to take Continuing Algebra.
MTH207 Continuing Algebra <i>(Full Year)</i>	This is the second course in a two-year algebra sequence. In this course, students build on what they learned in Developmental Algebra to complete their knowledge of all topics associated with a deep understanding of Algebra I. They learn about relations and functions, radicals and radical expressions, polynomials, and their graphs, factoring expressions and using factoring to solve equations, solving quadratics, rational expressions, and logic and reasoning.
MTH128 Algebra 1 <i>(Full Year)</i>	The Summit Algebra 1 course is intended to formalize and extend the mathematics that students learned in the middle grades. Because it is built to follow revised middle school math courses, the course covers slightly different ground than previous versions of algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions.
MTH126 Algebra 1 CR <i>(Offered Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). The Algebra 1 Credit Recovery course leads students from their proficiency and understanding of numbers and operations into the mathematics of algebraic thinking. Building on prealgebra skills developed in middle school, students deepen their understanding of linear expressions and equations, linear inequalities, and coordinate graphing. They then explore and learn about the function concept, radical expressions, exponential expressions and functions, quadratic functions, systems of equations, factoring and roots of equations, and basic statistical analysis.

MTH208 Geometry <i>(Full Year)</i>	This Geometry course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling.
MTH206 Geometry CR <i>(Offered Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). The Geometry Credit Recovery course combines mathematical reasoning and proof with an extension of students' algebraic development in geometric contexts. The course focuses primarily on two-dimensional shapes in the Euclidean plane. Starting with segments and angles, students develop understanding of and work through problems and proofs involving congruence, similarity, parallel and perpendicular lines, quadrilaterals, and circles. Toward the end of the course, time is also spent extending the treatment of triangles into basic trigonometry concepts and providing students with a detailed taste of analytic geometry by developing and using the equation of a circle in the coordinate plane.
MTH308 Algebra 2 <i>(Full Year)</i>	This Summit Algebra 2 course, students build on their work with linear, quadratic, and exponential functions, and extend their repertoire to include polynomial, rational, radical, and trigonometric functions. Students also expand their ability to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course covers sequences and series, probability distributions, and more advanced data analysis techniques.
MTH306 Algebra 2 CR <i>(Offered Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). The Algebra 2 Credit Recovery course builds on the mathematical proficiency and reasoning skills developed in Algebra 1 and Geometry to lead students into advanced algebraic work. The course emphasizes the concept of functions throughout. Sandwiched between short forays into probability and statistics is a thorough treatment of linear, quadratic, higher-degree polynomial, exponential, logarithmic, and trigonometric functions, with emphasis on analysis, problem solving, and graphing. Toward the end of the course, an introduction to sequences and series is presented in preparation for future work in mathematics.

MTH322 Consumer Math <i>(Full Year)</i> *Can count as .05 Math credit for Sr year	In Summit Consumer Math, students study and review arithmetic skills they can apply in their personal lives and in their future careers. The first semester of the course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. In the second semester, students learn about personal finances, checking and savings accounts, loans and buying on credit, automobile expenses, and housing expenses. Narrated slideshows help illustrate some of the more difficult content. Throughout the course, students participate in online discussions with each other and their teacher. In Consumer Math, students study and review arithmetic skills they can apply in their personal lives and in their future careers. The first semester of the course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. In the second semester, students learn about personal finances, checking and savings accounts, loans and buying on credit, automobile expenses, and housing expenses. Narrated slideshows help illustrate some of the more difficult content. Throughout the course, students participate in online discussions with each other and their teacher.
MTH326 Consumer Math CR <i>(Offered Semesters 1 & 2)</i> *Can count as .05 Math credit for Sr year	In Consumer Math, students study and review arithmetic skills they can apply in their personal lives and future careers. The first semester of the course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. In the second semester, students learn about personal finances, checking and savings accounts, loans, buying on credit, automobiles and housing expenses. Narrated slideshows help illustrate some of the more challenging content. Throughout the course, students participate in online discussions with each other and their teacher.
HST355 Financial Literacy Grades 10th – 12th <i>(Offered Semesters 1 & 2)</i> *Can count as .05 Math credit for Sr year	In this course, students will explore their choices as producers, consumers, investors, and taxpayers. In addition, they will learn financial literacy skills emphasizing investments, markets, and taxation. Students will apply what they know to real-world simulation problems. Topics of study include markets from historical and contemporary perspectives; supply and demand; budgeting; understanding creditworthiness and credit reports; saving options; debt reduction; theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; money (what it is, how it evolved, and the role of banks, investment houses, and the Federal Reserve); Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; profiles of individuals who are making their mark in business and economics; and a survey of markets in such areas as China, Europe, and the Middle East.

BUS036 Personal Finance CR <i>(Offered Semesters 1 & 2)</i> *Can count as .05 Math credit for Sr year	In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money.
Accounting 1 BUS113 Grades 10 th – 12 th <i>(Offered Semesters 1& 2)</i> *Can count as .05 Math credit for Sr year	This is the first semester of a two-semester course. The course teaches accounting while placing emphasis on conceptual understanding and financial statement analysis to encourage students to apply accounting concepts to real-world situations and make informed business decisions. Topics include transactions and methods of accounting for both service and merchandising businesses. Accounting 1 prepares students for the NOCTI Accounting-Basic credential.
MTH403 Pre-Calculus/Trigonometry <i>(Full Year)</i>	Pre-calculus weaves together concepts of algebra and geometry into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include quadratic, exponential, logarithmic, radical, polynomial, and rational functions; matrices; and conic sections in the first semester. The second semester covers an introduction to infinite series, trigonometric ratios, functions, and equations; inverse trigonometric functions; applications of trigonometry, including vectors; polar equations and polar form of complex numbers; arithmetic of complex numbers; and parametric equations. Connections are made throughout the course to calculus and a variety of other fields related to mathematics. Purposeful concentration is placed on how the concepts covered relate to each other. Demonstrating the connection between algebra and the geometry of concepts highlights the interwoven nature of the study of mathematics.
MTH500 AP Calculus	In AP Calculus AB, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP exam and further studies in science, engineering, and mathematics.

Science

SCI203 Biology <i>(Full Year)</i>	In this comprehensive course, students investigate the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of in- depth online lessons, including extensive animations, an associated reference book, collaborative explorations, and laboratory experiments students can conduct at home.
SCI204 Biology Honors <i>(Full Year)</i>	This course provides students with a challenging honors-level biology curriculum, focusing on the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of advanced online lessons, including extensive animations, an associated reference book, collaborative explorations, and laboratory experiments students can conduct at home. Honors activities include debates, research papers, and extended laboratories.
SCI206 Biology CR <i>(Offered in Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). Topics include the scientific method, characteristics of living things, energy, organic compounds, and water. Students review the structure and function of living things, the cell, genetics, DNA, RNA, and proteins. They review evolution and natural selection; digestive, respiratory, nervous, reproductive, and muscular systems; and ecology and the environment. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.
SCI102 Physical Science <i>(Full Year)</i>	Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skills in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquirybased learning with laboratory investigations and experiences.
SCI106 Physical Science CR <i>(Offered in Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skills in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning with laboratory investigations.

SCI303 Chemistry <i>(Full Year)</i>	This course gives students a solid basis to move on to future studies. The course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry. The course includes direct online instruction, laboratories, and related assessments, used with a problem-solving book.
SCI113 Earth Science <i>(Full Year)</i>	This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of indepth online lessons, an associated reference book, collaborative activities, and laboratories students can conduct at home. The course prepares students for further studies in geology, meteorology, oceanography, and astronomy courses, and gives them practical experience in implementing scientific methods.
SCI116 Earth Science CR <i>(Offered in Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of in-depth online lessons, collaborative activities, virtual laboratories, and hands-on laboratories students can conduct at home. The course prepares students for further studies in geology, meteorology, oceanography, and astronomy courses, and gives them practical experience in implementing scientific methods. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.
AGR020 Intro to Forestry & Natural Resources Grades 10th – 12 th <i>(Offered in Semester 1)</i>	Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Introduction to Forestry & Natural Resources course, you'll learn more about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestryrelated careers and important issues facing forestry professionals today.
Agriscience 1: Introduction AGR105 Grades 10th-12 th <i>(Offered in Semester 1)</i>	The word "agriculture" often evokes images of farms, fields, and livestock, and while all the representations are correct and essential, the field of Agriculture is so much more! In Agriscience 1: Introduction, you'll explore ow Agri scientists play key roles in improving agriculture, food production, and the conservation of natural resources along with technologies used to keep the field thriving. Are you ready to explore diverse careers in agriscience and how you can prepare to positively impact the planet? Let's get growing!
SCI030 Forensic Science Grades 10th-12 th <i>(Semester 2)</i>	This course is a Project Based Learning course (PBL) and is designed as an exploration of forensic science. Students study the concepts of crime scene documentation, trace evidence, DNA evidence, toxicology, and various types of crimes in addition to other common related functions in a forensic science career.

SCI330 Intro to Anatomy & Physiology Grades 11th – 12 th <i>(Full Year)</i>	Starting with the relationship between anatomy and physiology, students will then learn about cell structure and their processes. Learners will also discover the functions and purposes of the skeletal, muscular, nervous, and cardiovascular systems, as well as diseases that affect those systems. Students will learn about the structure, function, and interrelation between the lymphatic, immune, respiratory, digestive, urinary, and endocrine systems. The reproductive system is also discussed along with hereditary traits and genetics. Finally, students will explore the importance of accurate patient documentation as well as technology used in the industry.
CAR045A AG & Nat Resource Grades 10th-12 th <i>(Semester 2)</i>	These career exploration courses by Edmentum are designed to help students explore the field of agriculture. The course spans two semesters and introduces students to various career paths in agriculture, food, and natural resources. Throughout the course, students will explore technological advancements, safety protocols, and regulatory considerations in agricultural science. Additionally, they will delve into topics such as international agriculture and global trade, sustainability, environmental management, research and development, and emerging trends in the industry. This course aims to equip students to understand how to meet the increasing demand for sustainable food sources while addressing the challenge of producing higher yields to feed a growing global population.
SCI500A AP Biology	AP Biology provides two semesters of material designed to offer students a solid foundation in introductory college-level biology. The course is structured around the four big ideas and the six science practices. Each semester is divided into four units with two lessons in each unit. Those lessons are further divided into several activities in which students read, acquire content knowledge through interactives, complete written practice, take quizzes, and summative assessments.

Social Studies

HST103 World History (Full Year)

In this comprehensive survey of world history from prehistoric to modern times, students focus in depth on the developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts within the context of the historical narrative. Online lessons and assessments complement World History: Our Human Story, a textbook written and published by Stride. Students are challenged to consider topics in depth and from multiple perspectives as they analyze primary sources and maps and complete other projects. They practice historical thinking and writing skills as they explore the broad themes and big ideas of human history.

HST104 World History Honors (Full Year)

In this challenging survey of world history from prehistoric to modern times, students focus in-depth on the developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Online lessons and assessments complement World History: Our Human Story, a textbook written and published by K¹². Students are challenged to consider topics in depth as they analyze primary sources and maps, create timelines, and complete other projects— practicing advanced historical thinking and writing skills as they explore the broad themes and big ideas of human history. Students complete an independent honors project each semester.

HST106 World History CR (Offered in Semesters 1 & 2)

This course is also offered as a materials free version (Digital). In this survey of world history from prehistoric to modern times, students focus on the key developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Online lessons and assessments complement World History: Our Human Story, a textbook written and published by K12. Students analyze primary sources and maps, create timelines, and complete other projects— practicing historical thinking and writing skills as they explore the broad themes and big ideas of human history. Diagnostic tests assess students' current knowledge and generate individualized study plans, so students can focus on topics that need review.

HST313 Modern US History <i>(Full Year)</i>	This course is a full-year survey that provides students with a comprehensive view of American history from the Industrial Revolution of the late nineteenth century to recent events. Readings are primarily drawn from Stride’s The American Odyssey: A History of the United States. Online lessons help students organize their studies, explore topics in depth, analyze events from multiple points of view, review in preparation for assessments, practice skills of historical thinking and analysis, and connect historical events to current events. Activities include analyzing primary sources and maps, completing written assignments, and conducting research.
HST314 Modern U.S. History Honors <i>(Full Year)</i>	This course is a challenging full-year survey that provides students with a comprehensive view of American history from the industrial revolution of the late nineteenth century to recent events. Readings are drawn from K12’s The American Odyssey: A History of the United States. Online lessons help students organize study, explore topics in-depth, review in preparation for assessments, and practice advanced skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research. Students complete independent projects each semester.
HST316 Modern US History CR <i>(Offered in Semesters 1 & 2)</i>	This course is also offered as a materials free version (Digital). This course provides students with a comprehensive view of American history from the industrial revolution of the late nineteenth century to recent events. Online lessons help students organize study, explore topics in-depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing written assignments, and conducting independent research. Diagnostic tests assess students’ current knowledge and generate individualized study plans, so students can focus on topics that need review.
HST413 US and Global Economics <i>(Offered in Semesters 1 & 2)</i>	In this course on economic principles, students explore the choices they face as producers, consumers, investors, and taxpayers. Students apply what they learn to realworld simulation problems. Topics of study include markets from historic and contemporary perspectives; supply and demand; theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; money (what it is, how it evolved, and the roles of banks, investment houses, and the Federal Reserve); Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; and the effects of globalization. Students also refine their critical thinking skills by analyzing economic issues from multiple perspectives.

HST416 US and Global Economics CR <i>(Offered in Semesters 1 & 2)</i>	In this course on economic principles, students explore choices they face as producers, consumers, investors, and taxpayers. Students apply what they learn to real-world simulation problems. Topics of study include markets from historic and contemporary perspectives; supply and demand; theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; money (what it is, how it evolved, the role of banks, investment houses, and the Federal Reserve); Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; and a survey of markets in such areas as China, Europe, and the Middle East.
HST403 US Government and Politics <i>(Offered in Semesters 1 & 2)</i>	Students study the history, organization, and functions of the U.S. government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and their governing bodies. Students take a close look at the political culture of our country and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court. They analyze current and historical issues from multiple points of view to practice and deepen their critical thinking skills.
HST406DE2 US Government and Politics CR <i>(Offered in Semesters 1 & 2)</i>	This course studies the v. Beginning with the Declaration of Independence and continuing to the present day, students explore the relationship between individual Americans and our governing bodies. Students take a close look at the political culture of our country and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court. They discuss their views on current political issues. Diagnostic tests assess students' current knowledge and generate individualized study plans so students can focus on topics that need review.
Criminology LAW220 Grades 11th – 12 th <i>(Semester 2 Only)</i>	This course is a Project Based Learning course (PBL) and is designed as an exploration of a career in law. In this course, students explore basic concepts in the broad areas within the National Career Cluster Framework and career options in various clusters. Students study the concepts of crime, deviance, research methods, psychoanalytic theories of crime, modeling theories, social structure, crimes against persons and property, whitecollar crime, the criminal case process, corrections, and more. Students' complete projects to develop a deeper understanding of the roles these career functions play.
LAW 110 Careers in Criminal Justice 1 Grades 11th – 12 th <i>(Semester 1 Only)</i>	Have you ever wondered what steps take place as people as they move through the court system? The criminal justice system is a very complex field that requires dedicated people willing to pursue equal justice for all. Explore different career choices and how the juvenile justice system, the correctional system, and the trial process all works together to maintain social order.

HST060 Sociology I Grades 11th – 12 th <i>(Semester 1 Only)</i>	This one-semester elective course is intended as a practical, hands-on guide to introduce you to the field of sociology. You will explore the evolution of sociology as a distinct social science, learn about sociological concepts and processes, and discuss how the individual relates to society. You will also learn about the influence of culture, social structure, socialization, and social change in today's society. Students will be able to do the following: ❖ Describe the development of sociology as a distinct discipline and compare the different schools of thought in sociology. ❖ Explain sociological concepts and processes, and analyze the effects of industrialization. ❖ Identify and describe different types of societies. ❖ Identify leading sociologists and describe their contributions to the field of sociology. ❖ Identify the elements of culture, compare cultural norms, and analyze the relationship between culture and society. ❖ Explain the process of socialization and describe the various life stages. ❖ Explain the influence of the social institution of family on society.
Psychology HST020 Grades 11th – 12 th <i>(Semester 2 Only)</i>	In this one-semester course, students investigate why human beings think and act the way they do. This is an introductory course that covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key psychology terms and how to apply psychological principles to their own lives. Unit topics include Methods of Study, Biological Basis for Behavior, Learning and Memory, Development and Individual Differences and Psychological Disorders.
HST 540 AP Psychology	AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They'll study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of a 100 level college survey course, AP Psychology prepares students for the AP Exam and for further studies in psychology and life sciences.

World Languages

Spanish Culture I (<i>Full Year</i>)	Topics include important cultural holidays and celebrations, traditional foods, clothing, and customs, an exploration of Latin American geography and history, and a study of the influences of Latin American culture in the United States.
WLG100 Spanish I (<i>Full Year</i>)	Students begin their introduction to Spanish by focusing on the four key areas of world language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking, and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning; become familiar with common vocabulary terms and phrases; comprehend a wide range of grammar patterns; participate in simple conversations and respond appropriately to basic conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; and take frequent assessments by which their language progression can be monitored.
WLG200 Spanish II (<i>Full Year</i>)	Students continue their study of Spanish by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking, and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning; understand common vocabulary terms and phrases; use a wide range of grammar patterns in their speaking and writing; participate in conversations and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; and take frequent assessments by which their language progression can be monitored. By Semester 2, the course is conducted almost entirely in Spanish.

WLG300 Spanish III <i>(Full Year)</i>	Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts. Students should expect to be actively engaged in their own language learning; use correct vocabulary terms and phrases naturally; incorporate a wide range of grammar concepts consistently and correctly while speaking and writing; participate in conversations covering a wide range of topics and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; read and analyze important pieces of Hispanic literature; and take frequent assessments by which their language progression can be monitored.
Chinese I WLG140 <i>(Full Year)</i> IST Teacher	Students begin their introduction to Chinese by focusing on the four key areas of world language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Both Chinese characters and pinyin are presented together throughout the course and specific character practices are introduced after the first quarter. Students should expect to be actively engaged in their own language learning; become familiar with common vocabulary terms and phrases; comprehend a wide range of grammar patterns; participate in simple conversations and respond appropriately to basic conversational prompts; analyze and compare cultural practices, products, and perspectives of various Chinese-speaking regions, and take frequent assessments by which their language progression can be monitored.

Chinese II WLG240 (Full Year) IST Teacher	Students continue their study of Chinese by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Character recognition and practice are a key focus of the course and students are expected to learn several characters in each unit. However, pinyin is still presented with characters throughout the course to aid in listening and reading comprehension. Students should expect to be actively engaged in their own language learning; understand common vocabulary terms and phrases; use a wide range of grammar patterns in their speaking and writing; participate in conversations and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Chinese-speaking regions; and take frequent assessments by which their language progression can be monitored.
American Sign Language 1 WLG150 Grades 11th – 12th (Full Year)	Did you know that American Sign Language (ASL) is the third most used language in North America? American Sign Language: Introduction will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture – social beliefs, traditions, history, values and communities influenced by deafness. American Sign Language 1b: Learn to Sign will introduce you to more of this language and its grammatical structures. You will expand your vocabulary by exploring interesting topics like Deaf education and Deaf arts and culture.
American Sign Language 2 WLG250 Grades 11th – 12th (Full Year)	American Sign Language 2 goes beyond introductory ASL signs. This course helps students form structured sentences and explores how expressions can enhance signs to have meaningful conversations. Students will learn to communicate in everyday situations while learning vocabulary for descriptions, directions, shopping, and dealing with emergency situations. Furthermore, the course will teach students about the Deaf Community, culture, and language. Students will learn about sequencing, transitions, future tenses, and will be able to tell a story, and ask questions.

Arts

ART010A Fine Art A <i>(Semester 1 Only)</i> ART010B Fine Art B <i>(Semester 2 Only)</i> (Art History)	This course combines art history, appreciation, and analysis. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. The year-long course spans the history of art from Ancient Times to Contemporary works of modern day.
2D Studio Art <i>(Offered in Semesters 1 & 2)</i>	2D Art is focused on the hands-on exploration of expressive art techniques with an emphasis on drawing and painting. This course will expose students to 2D art mediums and develop their creative skills and expression through the elements and principles of design. Overarching themes explored include Creativity, Design Thinking, Critique, and Expression using 2D materials.
ART020A Music Appreciation A <i>(Semester 1 Only)</i> ART020B Music Appreciation B <i>(Semester 2 Only)</i>	This course introduces students to the history, theory, and genres of music. This course covers basic music theory concepts as well as early musical forms, classical music, patriotic and nationalistic music, and twentieth-century music.
History of Photography <i>(Semester 1 Only)</i>	In this course, students survey the history of photography as both technology and art form as well as the medium's evolution from the invention of photography to its uses in a contemporary culture in the digital era. Students examine major photographic movements and individuals who have shaped the medium. Students will investigate photography as an artistic medium, analyze photographs, and incorporate visual analysis to interpret photography's varied uses and meanings.
TCH031 Digital Photography <i>(Semester 2 Only)</i>	Gain a better understanding of photography by exploring camera functions and the elements of composition while putting theory into practice by taking your own spectacular photographs! Explore various photographic styles, themes, genres, and artistic approaches. Students will learn how to effectively critique photographs, create creative compositions, and examine various aspects of the photography field including specialty areas and ethics.
TCH035 Graphic Design <i>(Semester 1 Only)</i>	This course covers careers you can pursue in graphic design. It also covers training and skills required for a graphic designer. In addition, this course describes how to create images using color and typography and how to manipulate images. It also guides you how to create images using design elements and principles. Finally, this course covers copyright laws and ethics related to the use of graphic design. You will submit the Unit Activity documents to your teacher, and you will grade your work on the Lesson Activities by comparing them with the given sample responses. The Unit Activities (submitted to the teacher) and the Lesson Activities (self-checked) are the major components of this course.

PE/Health

OTH020

Physical Education

(Offered in Semesters 1 & 2)

This pass/fail course combines online instructional guidance with student participation in weekly cardiovascular, aerobics, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management. Students may enroll in the course for either one or two semesters and repeat for further semesters as needed to fulfill state requirements.

OTH010

Skills For Health

(Offered in Semesters 1 & 2)

This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources. The curriculum is designed around topics and situations that engage student discussion and motivate students to analyze internal and external influences on their health-related decisions. The course helps students build the skills they need to protect, enhance, and promote their own health and the health of others.

Electives

Career Planning CAR100 <i>(Offered in Semesters 1 & 2)</i>	Students use an informative interactive process to explore career and life options in this one-semester elective. They begin with a thorough examination of their own interests, aptitudes, achievements, and personality styles. Instructional material then helps them match job market information, interview techniques, training requirements, and educational paths to potential careers that suit their strengths and personal priorities. Successfully completing this course gives students the ability to identify and describe their personal interests, aptitudes, and lifestyle goals; locate and evaluate information about different careers; identify the skills and knowledge needed for careers of interest and how to obtain them; and create an entrepreneurial business plan.
Nutrition & Wellness OTH080 Grades 10 th – 12 th <i>(Semester 2 Only)</i>	This course will introduce the student to an overview of good nutritional principles that are needed for human physical and mental wellness. Discussion of digestion, basic nutrients, weight management, sports and fitness, and life-span nutrition is included. Application for today's food and eating trends, plus learning to assess reliable nutrition information is emphasized.
Life Skills OTH090 <i>(Offered in Semesters 1 & 2)</i>	This course is designed to increase students' knowledge of and ability in using the skills necessary for everyday living. Life Skills emphasizes defining personal values, goal setting and planning, and solving problems. Instructional material focuses on dealing with media and peer pressure, communicating and relationships, working with others, avoiding and/or resolving conflict, decision-making, wellness and personal safety, aspects of good citizenship, environmental awareness, and how students can contribute to their own community. The course is organized into six units that cover the following topics: Course Introduction, Thinking about Yourself, Thinking for Yourself, Taking Care of Yourself, Caring for Your Relationships, and Caring about Your World.
TCH047A Web Design 1 Grades 10 th -12 th <i>(Semester 2 Only)</i>	Web Design is a CodeHS course that teaches students how to build their own web pages. Students will learn the languages HTML and CSS and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multi page websites. Students will learn the foundations of user interface design, rapid prototyping, and user testing, and will work together to create professional, mobile responsive websites.

Game Design 1 TCH071 Grades 10th-12 th <i>(Semester 1 Only)</i> *Can count as .05 credit Math for Sr year*	With this course, students will learn about different video game software and hardware, various gaming platforms, the technical skills necessary to design games, troubleshooting and Internet safety techniques, and the history of gaming. Students will even create their own plan for a 2D video game! With the knowledge and skills students will gain in this course, they can take their hobby and turn it into a potential career.
Digital Literacy: Computer Fundamentals TCH109 <i>(Offered in Semesters 1 & 2)</i>	Computing Fundamentals is MSI curriculum that prepares learners for the IC3-GS5 Computing Fundamentals Certification Program. The course covers computer hardware, software, operating systems, peripherals, mobile devices, troubleshooting, computer networking, and the Internet. It includes quizzes, projects, and assessments to measure learners' understanding and progress. The curriculum is aimed at helping learners understand the fundamentals of computing to support the digital economy.
Microsoft PPT Fundamentals TCH171 Grades 10th-12 th <i>(Semester 2 Only)</i>	Learn to create clean and professional presentations while also building your skills as a speaker, leader, and marketer! Create and format presentations while inserting multimedia, images, transitions, and animations to make a dynamic final product! The content of this course will also be applicable to the Microsoft Office Suite certification exam.
TCH177 Software Apps Excel <i>(Semester 1 Only)</i>	This course introduces students to the world of Microsoft Excel. Students will get an insight into the use of the product within the business setting. Over 8 modules, students will learn everything from absolute basics like navigating Microsoft Excel to performing complex tasks like formulas and functions. This course prepares students for the Microsoft Office Associate: Microsoft Excel Certification.
TCH530 AP Computer Sci Prin in Python <i>(Full Year)</i>	This course introduces students to the foundational concepts of computer science and programming in Python. Students will learn Python programming basics, including variables, arithmetic expressions, user input, operators, control structures, functions, and parameters. Students will learn basic data structures in Python, number systems, data compression, cryptography, networks, cybersecurity, and data. This second-semester course continues where the first leaves off; introducing students to the foundational concepts of computer science and programming in Python. Students will learn Python programming basics, including variables, arithmetic expressions, user input, operators, control structures, functions, and parameters. Students will learn basic data structures in Python, number systems, data compression, cryptography, networks, cybersecurity, and data.
BUS090 Sports Sports & Ent Mktg <i>(Semester 1 Only)</i>	This course covers fundamental concepts in sports, entertainment, and recreation marketing. It also covers essential skills related to advertising, sponsorship, and marketing campaigns. In addition, the course covers crucial workplace skills, such as teamwork and leadership skills.

BUS130A Bus Info Management <i>(Offered in Semesters 1 & 2)</i>	This one-semester course is intended as a practical, hands-on guide to help you understand the basic computer skills required during your college education and when pursuing a career. This course will cover the needs for technology in business organizations and how businesses use hardware, software, Internet, and emerging technologies. This course also covers productivity applications such as word processing software and spreadsheet software.
BUS140 Info Tech Fundamentals <i>(Semester 2 Only)</i>	Information Technology Applications prepares students to work in the field of information technology. Students demonstrate digital literacy through basic study of computer hardware, operating systems, networking, the internet, web publishing, spreadsheets, and database software. Through a series of hands-on activities, students learn what to expect in the field of information technology and begin exploring career options in that field. Information Technology Applications is an introductory level Career and Technical Education course applicable to programs of study in information technology as well as other career clusters. This course is built to state and national standards. Students who successfully complete the course will be prepared to pursue the Microsoft® Office Specialist certifications in Microsoft Word, Microsoft Excel, and Microsoft Access, as well as IC3 certification.
BUS024 Bus & Mktg Experience <i>(Semester 2 Only)</i>	This one-semester course is intended as a practical, hands-on guide to help you understand the skills required to achieve success in modern-day careers in the business, marketing and finance cluster. You will: • Examine business and economic structures, systems, and organizations in the US and abroad. • Inspect multiple careers and pathways in the field of business as well as the skills, education, and training required for acquisition and advancement in these careers. • Employ self-representation and personal skills to resolve issues and create a professional, safe, and respectful work environment. • Measure the impact of the intersection of marketing, advertising, sales, and merchandising on business and society. • Assess various financial strategies to achieve personal and business goals. • Tell the importance of time, task, and resource management skills necessary for implementing a productive plan of work. • Identify critical-thinking and problem-solving skills useful for analyzing and resolving problems that arise during completing assigned tasks.

AP Courses

SCI500A AP Biology <i>(Full Year)</i>	AP Biology provides two semesters of material designed to offer students a solid foundation in introductory college-level biology. The course is structured around the four big ideas and the six science practices. Each semester is divided into four units with two lessons in each unit. Those lessons are further divided into several activities in which students read, acquire content knowledge through interactives, complete written practice, take quizzes, and summative assessments.
MTH500 AP Calculus <i>(Full Year)</i>	In AP Calculus AB, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real-world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. The equivalent of an introductory college-level calculus course, AP Calculus AB prepares students for the AP exam and further studies in science, engineering, and mathematics.
TCH530 AP Computer Sci Prin in Python <i>(Full Year)</i>	This course introduces students to the foundational concepts of computer science and programming in Python. Students will learn Python programming basics, including variables, arithmetic expressions, user input, operators, control structures, functions, and parameters. Students will learn basic data structures in Python, number systems, data compression, cryptography, networks, cybersecurity, and data. This second-semester course continues where the first leaves off; introducing students to the foundational concepts of computer science and programming in Python. Students will learn Python programming basics, including variables, arithmetic expressions, user input, operators, control structures, functions, and parameters. Students will learn basic data structures in Python, number systems, data compression, cryptography, networks, cybersecurity, and data.

ENG500B AP English Comp <i>(Full Year)</i>	In AP English Language and Composition, students investigate rhetoric and its impact on culture through analysis of notable fiction and nonfiction texts, from pamphlets to speeches to personal essays. As the equivalent of an introductory college level survey class, this course prepares students for the AP exam and for further study in communications, creative writing, journalism, literature, and composition. Students explore a variety of textual forms, styles, and genres. By examining all texts through a rhetorical lens, students become skilled readers and analytical thinkers. Focusing specifically on language, purpose, and audience gives them a broad view of the effect of text and its cultural role. Students write expository and narrative texts to hone the effectiveness of their own use of language, and they develop varied, informed arguments through research. Throughout the course, students are evaluated with assessments specifically designed to prepare them for the content, form, and depth of the AP Exam.
HST 540 AP Psychology <i>(Full Year)</i>	AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They'll study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. The equivalent of a 100 level college survey course, AP Psychology prepares students for the AP Exam and for further studies in psychology and life sciences.
HST 500A AP U.S. History <i>(Full Year)</i>	AP U.S. History covers the spectrum of American history from pre- Columbian days to the present. Using chronological and thematic approaches to the material, the course exposes students to extensive primary and secondary sources and to the interpretations of various historians. Class participation through discussions and debates is required; special emphasis is placed on critical reading and essay writing to help students prepare for the AP examination. The course is structured chronologically, divided into 9 units. Each unit includes activities to develop the historical thinking skills and understanding of the key historical themes outlined in the AP U.S. History curriculum framework.