HERITAGE ACADEMY

(revised 5/7/2026)

CURRICULUM COURSE GUIDE

Heritage Academy provides an exceptional North American education to students from around the world. Heritage's 6-12 curriculum challenges students to develop the attitudes, skills, knowledge and understanding to become a successful and responsible global citizen.

The counselor assists students in developing academic programs to meet academic and college/career goals and works with students and families to select courses of optimum value to meet these goals. Advice from parents and teachers and a preliminary look at college entrance requirements is of essential importance. Input from training partners and college athletic departments also inform post-graduate decisions.

The purpose of this **curriculum course guide** is to acquaint you with the courses available at Heritage Academy and to enable you to wisely plan a program of study. Before selecting a class, learn its objectives, requirements, prerequisites (if any) and credit value. This guide will help you create your personal Four-Year Plan. The course descriptions should help you to answer these important questions:

- ***Are the courses I am choosing appropriate to my interests, needs, scheduling commitments, and abilities?***
- ***Will the courses I choose allow me to fulfill graduation and NCAA requirements?***
- ***Will the courses I choose qualify me for admission to universities of my choice?***

The advice of your counselor and your parents will be of great importance! Consider your choice of subjects carefully in light of your long-term and short-term educational goals.

Heritage Academy courses are approved by the NCAA and SCISA/COGNIA. The 6-12 program incorporates the essential skills of 21st century education while reinforcing skills learned previously. At all grade levels skills are introduced, reinforced, or mastered across each discipline. Foundational courses of the lower grades are further supported with opportunities for advanced coursework at upper grade levels.

Common to all subject areas are the following learner skills outcomes:
reading comprehension, written and oral discourse and fluency, numerical literacy, listening, inductive and deductive reasoning, advocacy of a position, supporting ideas with evidence, oral presentation, group discussion, note-taking, examination and research, collaboration, creative problem solving, scientific inquiry, group problem solving, independent study, ethical responsibility, and demonstration of effective technology and computer skills, self-reliance, understanding of others' views, time management, and personal organization.

The counselor organizes grade level and individual meetings to support students in the development and review of their four-year plans. Additionally, students and parents are encouraged to visit the counselor to become familiar with the services offered. The counselor has information on colleges in the U.S.A. and other countries. The Director. of Student Services Office also has recommended websites and various books for preparing for college entrance tests, selection of universities, and career information.

***NOTE: The Curriculum Course Guide provides information for course possibilities. In all cases, for a course to run, Heritage Academy must be in a position to provide a qualified instructor and there must be a sufficient number of interested students**.

An asterisk next to the course name denotes NCAA-approved*

DRAWING I
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Students begin the study of art by exploring the Elements and Principles of Design. Major emphasis of Beginning Art is on personal experimentation with varied artistic mediums. Drawing is introduced and through practice, students demonstrate an understanding of good drawing through weekly homework. Subject matter exploration through various mediums consists of still life, landscapes floral, portraiture and abstract. Design construction will be an integral part of beginning art. Through experimentation, students find personal artistic growth and cultivate imagination as an artist and artistic enthusiast.

DRAWING II
One Semester (Block); one credit
Homework: Average
Drawing II is a continuation of Drawing I

PAINTING 1
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Painting is a visual art course where students will explore and experience a variety of painting techniques, media, and historical approaches to art. Painting is a problem-solving course dealing with form, color, line, and texture (figurative and abstract). Through the use of the world outside the classroom, models, drawings, photographs, and imagination, students interpret and express the painter 's world in a variety of materials including acrylic and tempera paint, watercolor, ink, paper and canvas as well as a variety of experimental media.

PAINTING 1I
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Painting II is a continuation of Painting I.

GRAPHIC ARTS / MEDIA ARTS
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Graphic Design is a course that explores graphic communication through the understanding of the elements and principles of design; as well as the design process, from idea development through the final execution of a document.

ENGLISH LANGUAGE ARTS 6 (ELA)
One year (Block)
Degree of Difficulty: Regular
Homework: Average
A typical course of study in language arts for sixth grade includes components of reading, writing, grammar, spelling, and vocabulary. Students will read a variety of genres including fiction and non-fiction; biographies; poetry; and plays. Students in Grade 6 English Language Arts practice the writing processes all year with an emphasis on grammar, usage, mechanics, and spelling. Students write in a variety of modes including narrative, creative, expository, research reports, journal-writing, and literary response. Grade 6 reading combines a mix of classic and young adult literature. Collaborating in small groups, students engage in literary discussions, oral reviews, partner projects, and creative expression. A strong emphasis is placed on developing language arts skills that will prepare students for high school.

ENGLISH LANGUAGE ARTS 7 (ELA)
One Semester (Block)
Degree of Difficulty: Regular
Homework: Average
English Language Arts 7 (ELA) incorporates the teaching and learning of reading, writing, speaking, listening, and viewing. Integration of language arts occurs in multiple ways. First, curriculum, instruction, and assessment reflect the integration of listening, speaking, viewing, reading, and writing. Students in Grade 7 English Language Arts practice the writing processes all year with an emphasis on grammar, usage, mechanics, and spelling. Students write in a variety of modes including narrative, creative, expository, research reports, journal-writing, and literary response. Grade 6 reading combines a mix of classic and young adult literature. Collaborating in small groups, students engage in literary discussions, oral reviews, partner projects, and creative expression. A strong emphasis is placed on developing language arts skills that will prepare students for high school.

ENGLISH LANGUAGE ARTS 8
One Semester (Block)
Degree of Difficulty: Regular
Homework: Average
Students in Grade 8 English Language Arts practice the writing processes all year with an emphasis on grammar, usage, mechanics, and spelling. Students write in a variety of modes including narrative, creative, expository, research reports, journal-writing, and literary response. Grade 8 reading combines a mix of classic and young adult literature. Collaborating in small groups, students engage in literary discussions, oral reviews, partner projects, and creative expression. A strong emphasis is placed on developing language arts skills that will prepare students for high school.

LITERARY ANALYSIS & COMPOSITION *
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
In this high school survey literature course, students work on the writing process while refining their grammar, usage, and proofreading skills. Vocabulary development, reading comprehension, and journal-writing are essential components of the course. Students read a variety of western canon. Collaborating in small groups, students engage in literary discussions, oral reviews, and creative expression. To strengthen vocabulary and speaking skills, students prepare for vocabulary quizzes and oral interpretations on selected topics.
(Textbook: *Literature 9* Prentice Hall plus supple-mental novels and vocabulary texts)

LITERARY ANALYSIS & COMPOSITION HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Homework: Above Average
Honors students receive differentiated assessments, products, process, and content. In this high school survey literature course, students work on the writing process while refining their grammar, usage, and proofreading skills. Vocabulary development, reading comprehension, and journal-writing are essential components of the course. Students read a variety of western canon. Collaborating in small groups, students engage in literary discussions, oral reviews, and creative expression. To strengthen vocabulary and speaking skills, students prepare for vocabulary quizzes and oral interpretations on selected topics.
(Textbook: *Literature 9* Prentice Hall plus supplemental novels and vocabulary text)

AMERICAN LITERATURE*
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
In American Literature, students examine significant works written in North America from the 17th century to the present, including the periods of Classicism (Colonial to Revolutionary period), Romanticism, Transcendentalism, and Modern Realism. Students identify the shared heritage of writers with regard to their use of plot, characterization, setting, theme, imagery, and symbolism. In addition to essays and a writing journal, students write an expository research paper in MLA style. To strengthen vocabulary and speaking skills, students prepare for vocabulary quizzes and oral interpretations based on the literature.
(Textbook: *The American Experience* Prentice Hall + supplemental novels and vocabulary text)

AMERICAN LITERATURE HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Homework: Above Average
Honors students receive differentiated assessments, products, process, and content. In American Literature, students examine significant works written in North America from the 17th century to the present, including the periods of Classicism (Colonial to Revolutionary period), Romanticism, Transcendentalism, and Modern Realism. Students read and identify the shared heritage of writers with regard to their use of plot, characterization, setting, theme, imagery, and symbolism. In addition to essays and a writing journal, students write an expository research paper in MLA style. To strengthen vocabulary and speaking skills, students prepare for vocabulary quizzes and oral interpretations based on the literature.
(Textbook: *The American Experience* Prentice Hall + supplemental novels and vocabulary text)

BRITISH LITERATURE*
One semester (Block): one credit
Degree of Difficulty: Regular
Homework: Average
This course examines significant British Literature written from the fifth century to the present including the Medieval Period, the Renaissance Period, the Romantic Period, the Victorian Period, and the Modern Period. Students read drama, novels, prose and poetry and participate in a variety of class discussions, group activities, written responses and oral presentations. In addition to essays and a writing response journal, students write an expository research paper in MLA style

including thesis statement, developmental paragraphs, paraphrasing, researched quotations, parenthetical documentation and a list of works cited. Daily emphasis on vocabulary and writing prepares students for college writing and college admissions tests.
(Textbook: *The British Tradition* Prentice Hall + supplemental novels and vocabulary text)

BRITISH LITERATURE HONORS*
One semester (Block): one credit
Degree of Difficulty: Above Average
Homework: Above Average
Honors students receive differentiated assessments, products, process, and content. This course examines significant British Literature written from the fifth century to the present including the Medieval Period, the Renaissance Period, the Romantic Period, the Victorian Period, and the Modern Period. Students read drama, novels, prose and poetry and participate in a variety of class discussions, group activities, written responses and oral presentations. In addition to essays and a writing response journal, students write an expository research paper in MLA style including thesis statement, developmental paragraphs, paraphrasing, researched quotations, parenthetical documentation and a list of works cited. Daily emphasis on vocabulary and writing prepares students for college writing and college admissions tests.
(Textbook: *The British Tradition* Prentice Hall + supplemental novels and vocabulary text)

WORLD LITERATURE *
One semester (Block): one credit
Degree of Difficulty: Regular
Homework: Average
This course examines significant traditional and contemporary World literature. Students read drama, novels, prose and poetry and participate in a variety of class discussions, group activities, written responses and oral presentations. In addition to essays and a writing response journal, students write an expository research paper in MLA style including thesis statement, developmental paragraphs, paraphrasing, researched quotations, parenthetical documentation and a list of works cited. Daily emphasis on vocabulary and writing prepares students for college writing and admissions tests.
(Textbook: *World Literature* Glencoe + supplemental novels and vocabulary text)

WORLD LITERATURE HONORS*
One semester (Block): one credit
Degree of Difficulty: Above Average
Homework: Above Average
Honors students receive differentiated assessments, products, process, and content. This course examines significant traditional and contemporary World literature. Students read drama, novels, prose and poetry and participate in a variety of class discussions, group activities, written responses and oral presentations. In addition to essays and a writing response journal, students write an expository research paper in MLA style including thesis statement, developmental paragraphs, paraphrasing, researched quotations, parenthetical documentation and a list of works cited. Daily emphasis on vocabulary and writing prepares students for college writing and college admissions tests.
(Textbook: *World Literature* Glencoe + supplemental novels and vocabulary text)

AP ENGLISH LITERATURE & COMPOSTION*
One semester; one credit
Degree of Difficulty: Advanced
Prerequisite: British Literature
Homework: Heavy
The goal of this course is to help students acquire the ability to read using the cloze method, understand the conventions of literary discourse, develop an appreciation of literature, and write accurately and insightfully about it. This AP course includes college level work, including adult reading materials and high expectations related to effort and achievement. There is independent reading outside of the regular class assignments. Students are committed to doing their very best work in this class as they prepare to take the AP Exam in May. Students generate pieces of writing that meet the demands of the Advanced Placement Exam in English Literature and Composition. They read texts that represent both classical and contemporary literature in the genres of drama, fiction, and poetry. They develop their ability to present discourse and to discuss important ideas based upon their reading of challenging literature. Students sit for the AP exam in May.
(Textbook: *Reading and Writing for Literature* Houghton Mifflin + supplemental novels and vocabulary text)

AP ENGLISH LANGUAGE AND COMPOSITION
One semester; one credit
Degree of Difficulty: Advanced
Prerequisite: British Literature
Homework: Heavy
AP English Language and Composition is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style.

JOURNALISM I *
One semester (Block); one credit
Degree of Difficulty: Regular
Prerequisite: none Homework: Average
This course examines the historical and legal aspects of journalism, staff organization, layout, writing basic news stories, interviewing, and editing. Students study the text, *Journalism Today*, and utilize the internet for research projects, are responsible to meet news deadlines, and share in the class responsibility to produce the *Heritage Voice.*
(Textbook: *High School Journalism* McGraw Hill+ newspapers)

CREATIVE WRITING
One Semester (Block)
Degree of Difficulty: Regular
Homework: Average
Students read a variety of classic literature and amateur fiction and study writing styles and techniques to improve their fiction writing. Students study the elements of fiction: plot, exposition, characterization, pacing, conflict, climax, and resolution.

THEATER ARTS
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
This course introduces and explores theater from page to stage as a live performing art. Topics include the relationship between theater and society (historical and contemporary), dramatic structure, theatrical representation, and the crafts of theater artists such as directors, designers,

SPEECH COMMUNICATION/PUBLIC SPEAKING *
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
This course offers practical experience in a variety of forms of public speaking with an emphasis on argumentation and persuasion to improve the student's ability to transmit a well-researched, cogent, thoughtful message adapted to a particular audience. Emphasis is also placed on the study of effective aural communication. Students engage in critical thinking and rhetorical criticism exercises.
(Textbook: *Speech* Glencoe + recordings, primary and supplemental resources)

SPANISH I *
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Spanish I introduces the four major skills of foreign language learning: listening, speaking, reading, and writing in a communicative approach. In addition, the culture of Spain including major cities, history, and traditions are explored. Grammar focuses on verb formation in the present and past tenses, agreement of nouns and adjectives, introduction to object pronouns, forming questions, and appropriate word order. Students read and interpret a variety of written passages and learn to paraphrase in the target language.
(Textbook: *Avancemos Level 1* Houghton Mifflin + primary and supplemental resources)

SPANISH 2 *
One semester (Block); one credit
Degree of Difficulty: Average
Prerequisite: Spanish 1
Homework: Average
Spanish 2 continues to emphasize the four major skills of foreign language learning: listening, speaking, reading, and writing in a communicative approach. In addition to Spain, the countries and cultures of Mexico, Central America, and South America are explored. Grammar focuses on increasingly difficult structures including preterit vs. imperfect, future, conditional, perfect tenses, double object pronouns and comparative forms.
(Textbook: *Avancemos Level 2* Houghton Mifflin + primary and supplemental resources)

SPANISH 2 HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Prerequisite: Spanish 1
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. Spanish 2 continues to emphasize the four major skills of foreign language learning: listening, speaking, reading, and writing in a communicative approach. In addition to Spain, the countries and cultures of Mexico, Central America, and South America are explored. Grammar focuses

on increasingly difficult structures including preterit vs. imperfect, future, conditional, perfect tenses, double object pronouns and comparative forms.
(Textbook: *Avancemos Level 2* Houghton Mifflin + primary and supplemental resources)

SPANISH 3 *
One semester (Block); one credit
Degree of Difficulty: Regular
Prerequisite: Spanish 2
Homework: Average
Spanish 3 is designed for those who already have a grasp on the basic grammatical concepts, oral comprehension and written comprehension in Spanish. The goal of this course is to enable students to improve the four language skills: reading, listening, speaking, and writing. In addition, cultural insights of Latino America and Spain are explored.
(Textbook: *Avancemos Level 3* Houghton Mifflin + primary and supplemental resources)

SPANISH 3 HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Prerequisite: Spanish 2
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. Spanish 3 is designed for those who already have a grasp on the basic grammatical concepts, oral comprehension and written comprehension in Spanish. The goal of the course is to enable students to improve the four language skills: reading, listening, speaking, and writing. Cultural insights of Latino America and Spain are explored.
(Textbook: *Avancemos Level 3* Houghton Mifflin + supplements and primary and supplemental resources)

SPANISH 4 HONORS*
One semester (Block); one credit
Degree of Difficulty: Advanced
Prerequisite: Spanish 3
Homework: Above Average
Spanish 4 (Advanced Grammar and Culture) encompasses a study of advanced grammar, composition, and communication. At this level, effective communication (written and oral) continues to be the ultimate goal. Short stories, poetry, essays and a novel are used as an introduction to Hispanic literature. Students write descriptive essays and opinion papers. Students study the effect of the history of Spain and the Hispanic world.
(Textbook: *Avancemos Level 4* Houghton Mifflin + primary and supplemental resources)

AP SPANISH LANGUAGE AND CULTURE*
One semester (Block); one credit
Degree of Difficulty: Advanced
Prerequisite: Spanish 4
Homework: Average to heavy
At the core of the AP Spanish Language and Culture course are six groups of *learning objectives.* These outline expectations of student abilities in the following areas: Spoken Interpersonal Communication; Written Interpersonal Communication; Audio, Visual, and Audiovisual Interpretive Communication; Written and Print Interpretive Communication; Spoken Presentational Communication; and Written Presentational Communication When communicating, students in the AP Spanish Language and Culture course demonstrate an understanding of the culture(s); incorporate interdisciplinary connections; make comparisons between the native language and the target language and between cultures; and use the target language in real-life settings. Students sit for the AP exam in May
(Textbook: *Galeria de Arte y Vida* Glencoe + primary and supplemental resources)

SOCIAL STUDIES 6/7/8
One semester: (Block)
Degree of Difficulty: Regular
Homework: Average
World Geography, US History, Civics, and World Civilizations are survey courses that rotate for grade 7/8 each year. Geography is the study of eastern and western hemisphere physical geography with an emphasis on the human geography of culture regions around the world. Students utilize research skills and a variety of forms of presenting information via graphs, charts, technology.

This course prepares student for citizenship in today's world by studying the government, civics, political system, and economics of the USA from the Colonies to modern foreign affairs World Civilizations centers on the story of human beings as they developed early civilizations. Included in the course is the study of the spread of cultures around the world up to the Age of Exploration. Students explore early man, Mesopotamia, Egypt, Ancient China, Greece, Rome, the Middle Ages, and the Crusades. Included will be the development of major world religions. American History centers on the study of the American republic from pre-revolution through post- Civil War. with the study of the first inhabitants of the Americas who

crossed the Bering Strait from Asia and follows the settlement of North America from the Age of Exploration through the period of Reconstruction. Students learn foundations of U.S. constitutional government. Emphasis is on cause and effect in the course of history and linkages to today's world.

WORLD HISTORY*
One semester (Block): one credit
Degree of Difficulty: Average
Homework: Average
This course focuses on the following: The First Humans, Prehistory, Western Asia and Egypt, India and China, Ancient Greece, Rome and the Rise of Christianity, the World of Islam, Early African Civilizations and Europe in the Middle Ages. Emphasis will be placed on cause and effect in the course of history and linkages to the world today.(Textbook: *World History and Geography* McGraw Hill + primary and supplemental resources)

WORLD HISTORY HONORS*
One semester (Block): one credit
Degree of Difficulty: Above Average
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. This course focuses on the following: The First Humans, Prehistory, Western Asia and Egypt, India and China, Ancient Greece, Rome and the Rise of Christianity, the World of Islam, Early African Civilizations and Europe in the Middle Ages. Emphasis will be placed on cause and effect in the course of history and linkages to the world today.
(Textbook: *World History and Geography* McGraw Hill + primary and supplemental resources)

U.S. HISTORY*
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
The course focuses on Discovery and Settlement of the New World 1492-1650, America and the British Empire 1650-1754, Colonial Society in the Mid-Eighteenth Century, Road to Revolution 1775-1783, Constitution and the New Republic 1776-1800, The Age of Jefferson 1800-1816, Nationalism and Economic Expansion, Sectionalism, Age of Jackson 1828-1848, Territorial Expansion and Sectional Crisis, Creating an American culture the 1850's Decade of Crisis, the Civil War and Reconstruction to 1877, The Progressive Era, America as a World Power, WW I, Roaring 20s, The Great Depression, The New Deal, World War II, Cold War, Great Society, Civil Rights, Vietnam War, Nixon Administration and Conservative Policies under Reagan. Students learn the foundations of U.S. constitutional government. Emphasis is on cause and effect in the course of history related to today's world.
(Textbook: *United States History and Geography* McGraw Hill + primary and supplemental resources)

U.S. HISTORY HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. The course focuses on Discovery and Settlement of the New World 1492-1650, America and the British Empire 1650-1754, Colonial Society in the Mid-Eighteenth Century, Road to Revolution 1775-1783, Constitution and the New Republic 1776-1800, The Age of Jefferson 1800-1816, Nationalism and Economic Expansion, Sectionalism, Age of Jackson 1828-1848, Territorial Expansion and Sectional Crisis, Creating an American culture the 1850's Decade of Crisis, the Civil War and Reconstruction to 1877, The Progressive Era, America as a World Power, WW I, Roaring 20s, The Great Depression, The New Deal, World War II, Cold War, Great Society, Civil Rights, Vietnam War, Nixon Administration and Conservative Policies under Reagan. Students learn the foundations of U.S. constitutional government. Emphasis is on cause and effect in the course of history related to today's world.
(Textbook: *United States History and Geography* McGraw Hill + primary and supplemental resources)

AP UNITED STATES HISTORY*
One year: one credit
Degree of difficulty: Advanced
Homework: Heavy
AP American History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials of American History. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college survey courses. In this pursuit, the acquisition of factual knowledge is the beginning point of the process, not the end. Students learn to interpret and evaluate the relative significance of primary and secondary source material and to present their evidence and conclusions clearly and persuasively in an essay format. Students sit for the May AP Exam.
(Textbook: *The American Pageant AP* Cengage + primary and supplemental resources)

U.S. GOVERNMENT/ECONOMICS *
One semester (Block): one credit
Degree of Difficulty: Regular
Homework: Average
The course focuses on the following: How our government came to be organized; the background and political philosophies of our founding fathers; the Bill of Rights; the office and duties of the Chief Executive; and the organization of Congress and the landmark Supreme Court cases and their significance today. In Economics, the course focuses on The Basis of Economics; Capitalism and the Market Economy; Demand and Supply; Determining Prices; Measuring Economics Performance; Inflation and Unemployment; Money and Banking; The Federal reserve system and Monetary Policy and Taxes; and National Debt and Fiscal Policy.
(Textbooks: *US Government—Our Democracy* McGraw Hill / *Economics* Prentice Hall + supplemental resources)

AP U.S. GOVERNMENT & POLITICS *
One semester: one credit
Degree of difficulty: Advanced
Homework: Heavy
The AP Government & Politics: United States course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality. Students study constitutional underpinnings of US government; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government: Congress; the Presidency; the Bureaucracy; the Federal Courts; public policy; civil rights and civil liberties. Students sit for the AP exam in May.
(Textbook: *AP Government Institutions and Policies* Cengage + primary and supplemental resources)

PSYCHOLOGY*
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Psychology is an introduction to basic principles and concepts of psychology. Special attention is given to provide an exposure to a wide variety of human behaviors, which may include but are not limited to: sensation, perception, learning, memory, thinking, development, personality, and disorders. Students take a field trip to a memory center to interact and make meaning of the core elements of the course.
(Textbook: *Psychology—Principle in Practice* Holt McDougal + primary and supplemental resources)

AP PSYCHOLOGY*
One year: one credit
Degree of difficulty: Advanced
Homework: Above average
AP Psychology is a full-year course designed to provide students with a broad overview of the diverse field of psychology and prepare students for the AP Psychology Exam given in May. The purpose of AP Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. To achieve these goals, most of class time will be devoted to lectures, discussions, and extensive review sessions. However, time will also be allocated for demonstrations, experiments, and class activities; the content of which may or may not be covered in the text.
(Textbook: *Myer's Psychology for the AP Course* BFW Publishers + primary and supplemental resources)

STREET LAW*
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Street law is a course in the teaching of broad and basic legal principles to young adults to teach them what the law is and to empower them with the necessary skills to appreciate and understand the concept of justice. It is not intended as a course for prospective lawyers but rather a course in understanding basic legal rights and obligations and to prepare them to be law abiding and responsible citizens thus adding value to their ability to stand up to life's challenges. This practical, inquiry-based course is designed to provide students with the ability to analyze, evaluate, and resolve legal disputes. It is a course in democracy education and will also touch upon the difference between civil, criminal, and administrative law, the legal process and trials including mediation and arbitration, the jury system, evidence and proof, crime and punishment, law enforcement, motor vehicle laws, marriage contracts, torts and liability laws relating to social media and privacy. Current important cases will be discussed. Students will engage in mock trials, case studies, role-plays, small-group and other class activities. Legal practitioners, presiding officials, law enforcement officers will be invited to present guest lectures. Court visits will be arranged.
(Textbook + primary and supplemental resources)

ANIMAL SCIENCE
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Students' experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. For example, students will acquire skills in meeting the nutritional needs of animals while developing balanced, economical rations.

INTEGRATED SCIENCE 6/7/8
One semester (60 min.)
Degree of Difficulty: Average
Homework: Average
The goal of this course is to further the students' knowledge in science as begun in Integrated Science 7. Laboratory investigation will increase in difficulty with the student expected to perform more complicated experiments, develop more complex thinking strategies and communicate more effectively. Age-appropriate tools, techniques, diagrams and charts will be required. Topics of study include the structure, function and processes of the cell; cell reproduction and heredity; multi-cellular organization and differentiation; systemic human anatomy and physiology; ecology: populations and ecosystems; and states, properties, classification and changes of matter; life science; earth science; interactions of the human systems; physical science; and an introduction to chemistry.
(Textbook: iScience Glencoe + primary and supplemental resources)

STEM*
One semester (Block): one credit
Degree of Difficulty: Average
Homework: Average
Engineering the Future: Science, Technology, and the Design Process is a physical science course designed to give students a strong foundation in science and technology and engineering. This is a project-based problem-solving class in which students learn first-hand about systems analysis, engineering drawing, the design process, the manufacturing process, structures and loads, materials and forces, energy efficiency, buoyancy, robotics and hydraulics, rocketry, renewable resources, heat engines, geothermal power, nuclear power, computer systems, optical fibers, electromagnetic spectrum, electricity, series and parallel circuits, solar and wind power.
(Textbook: *Engineering for the Future* It's About Time Publishers + primary and supplemental resources)

BIOLOGY *
One semester (Block); one credit
Degree of Difficult: Average
Homework: Average
This course introduces students to the study of living organisms including microscopic and dissection work. Topics include an introduction to chemistry and biochemistry; a comprehensive study of the structure and function of the cell; Photosynthesis and cellular respiration; cellular reproduction; genetics; and evolution. Weekly laboratory assignments include the writing of formal laboratory reports. This course prepares students for college biology or AP Biology.
(Textbook: *Modern Biology* Houghton Mifflin + primary and supplemental resources)

BIOLOGY HONORS*
One semester (Block); one credit
Degree of Difficult: Average
Homework: Average
Honors students receive differentiated assessments, products, process, and content. This course introduces students to the study of living organisms including microscopic and dissection work. Topics include an introduction to chemistry and biochemistry; a comprehensive study of the structure and function of the cell; Photosynthesis and cellular respiration; cellular reproduction; genetics; and evolution. Weekly laboratory assignments include the writing of formal laboratory reports. This course prepares students for college biology or AP Biology.
(Textbook: *Modern Biology* Houghton Mifflin + primary and supplemental resources

MARINE BIOLOGY*
One semester (Block): one credit
Degree of Difficulty: Average
Prerequisites: Biology
Homework: Average
This introductory survey course in marine biology covers marine environments, algae, plants, invertebrates, fish, reptiles, birds, mammals, tidal zones, salt marshes, estuaries, rocky shores, and open ocean. Students participate in several field experiences. Lab experiences focus on higher level thinking skills. This course is not designed as a substitute for first year biology.
(Textbook: *Life on an Ocean Planet* Current + primary and supplemental resources)

CHEMISTRY *
One semester (Block); one credit
Degree of Difficulty: Average
Homework: Average
This course introduces students to the composition of substances at the atomic and molecular level. Basic problem-solving techniques, metric conversions, scientific notation are also studied. Students become familiar with the mole and stoichiometry and the composition and states of matter at the atomic and molecular level, the naming of formulas, and chemical reactions. The course includes hydrocarbons, gas laws and nuclear chemistry. Weekly laboratory assignments include the writing of formal laboratory reports. A course requiring higher level thinking abilities forces students to solve complicated word problems. Work is cumulative with the material of the succeeding chapters building upon proceeding work.
(Textbook: *Chemistry* Pearson + primary and supplemental resources)

CHEMISTRY HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. This course introduces students to the composition of substances at the atomic and molecular level. Basic problem-solving techniques, metric conversions, scientific notation are also studied. Students become familiar with the mole and stoichiometry and the composition and states of matter at the atomic and molecular level, the naming of formulas, and chemical reactions. The course includes hydrocarbons, gas laws and nuclear chemistry. Weekly laboratory assignments include the writing of formal laboratory reports. A course requiring higher level thinking abilities forces students to solve complicated word problems. Work is cumulative with the material of the succeeding chapters building upon proceeding work.
(Textbook: *World of Chemistry* Holt + primary and supplemental resources)

AP CHEMISTRY*
One semester (Block); one credit
Degree of difficulty: Advanced
Homework: Above average
This course prepares students for the Advanced Placement Chemistry exam which offers students the opportunity to earn advanced placement or college credit for their high school achievement. Through lecture, problem solving, and labs this course covers the following material: structure and states of matter, chemical reactions, stoichiometry, thermodynamics, equilibrium, acid/base solutions, electrochemistry, oxidation-reduction, organic chemistry and nuclear chemistry. Students sit for the AP exam in May.
(Textbook: *AP Chemistry* Cengage + primary and supplemental resources)

ANATOMY*
One semester (Block); one credit
Degree of Difficulty: Average
Homework: Average
Anatomy is the study of the structure of body parts and physiology is the study of the function of these parts. This course in an introductory course which will cover all the basic information necessary for a general understanding of the structure and functions of the human body. Units are as follows: human organization, cell structure, structure and functions of the skin, skeletal and muscular systems, nervous system, senses, endocrine system, composition of blood, blood types, blood groups, vascular and circulatory system, lymphatic system, respiratory system, digestive system, urinary system, and reproductive development.
(Textbook: *Hole's Essentials of Human Anatomy and Physiology* McGraw Hill+ primary and supplemental resources)

EARTH SCIENCE*
One semester (Block); one credit
Degree of Difficulty: Average
Homework: Average
Earth Science is the study of Earth's processes in the hydrosphere, geosphere, atmosphere and biosphere. Topics include rocks and minerals, weathering, earthquakes, volcanoes, plate tectonics, oceanography, meteorology, and astronomy. Students will come to an understanding of how many of these topics are interrelated. Students identify key concepts through the reading material and then apply that knowledge in review activities and virtual field trips.
(Textbook: *Earth Science* McGraw Hill + primary and supplemental resources)

ENVIRONMENTAL SCIENCE*
One semester (Block); one credit
Degree of Difficulty: Average
Prerequisite: Biology
Homework: Average
Environmental Science provides students with knowledge needed to understand the interrelationships among living and nonliving systems. Units include the sustainability of life on Earth, the biodiversity of healthy ecosystems, an examination of Earth's biomes, and environmental concerns related to people.
(Textbook: *Environmental Science* Pearson + primary and supplemental resources)

PHYSICS *
One semester (Block); 1 credit
Degree of Difficulty: Average
Homework: Average
This course introduces students to the study of matter and energy and the relationship between the two. Physics involves extension problem solving, basic geometry, and coordinate systems. Students should have knowledge of integrated problem solving. This course includes a study of vectors, forces, motion, and momentum, a study of the basic forms of energy, states of matter, waves, light, electricity and magnetism. The course prepares students for college physics or AP Physics.
(Textbook: *HMH Physics* Holt + primary and supplemental resources)

PHYSICS HONORS*
One semester (Block); 1 credit
Degree of Difficulty: Average
Homework: Average
This course introduces students to the study of matter and energy and the relationship between the two. Physics involves extension problem solving, basic geometry, and coordinate systems. Students should have knowledge of integrated problem solving. This course includes a study of vectors, forces, motion, and momentum, a study of the basic forms of energy, states of matter, waves, light, electricity and magnetism. The course prepares students for college physics or AP Physics.
(Textbook: *HMH Physics* Holt + primary and supplemental resources)

AP PHYSICS 1*
One semester (Block); 1 credit
Degree of Difficulty: Advanced
Homework: Above Average
AP Physics1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations.Students build their understanding of physical models as they explore and solve problems in these content areas:
§ Kinematics
§ Forces and Translational Dynamics
§ Work, Energy, and Power
§ Linear Momentum
§ Torque and Rotational Dynamics
§ Energy and Momentum of Rotating Systems
§ Oscillations § Fluids

College Course Equivalent
AP Physics 1 is equivalent to the first course in an introductory college course sequence in algebra-based physics.

Prerequisites
Students should have completed Geometry and be concurrently taking Algebra II or an equivalent course. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics 1 course itself.

AP PHYSICS 2*
One semester (Block); 1 credit
Degree of Difficulty: Advanced
Homework: Above Average
AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations.
Students build their understanding of physical models as they explore and solve problems in these topics:
§ Thermodynamics
§ Electric Force, Field, and Potential
§ Electric Circuits
§ Magnetism and Electromagnetism
§ Geometric Optics

§ Waves, Sound, and Physical Optics
§ Modern Physics

College Course Equivalent
AP Physics 2 is equivalent to the second course in an introductory college course sequence in algebra-based physics.

Prerequisites
Students should have completed AP Physics 1 or a comparable introductory physics course and should have taken or be concurrently taking pre-calculus or an equivalent course.

AP PHYSICS C1 MECHANICS*
One semester (Block); 1 credit
Degree of Difficulty: Advanced
Homework: Above Average
AP Physics C1: Mechanics is a calculus-based introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students build their understanding of physical models as they explore and solve problems in these topics:

§ Kinematics
§ Forces and Translational Dynamics
§ Work, Energy, and Power
§ Linear Momentum
§ Torque and Rotational Dynamics
§ Energy and Momentum of Rotating Systems
§ Oscillations

College Course Equivalent
AP Physics C1: Mechanics is equivalent to the first course in an introductory college course sequence in calculus-based physics.

Prerequisites
Students should have taken, or be concurrently taking, calculus.

AP PHYSICS C2 ELECTRICITY AND MAGNETISM*
One semester (Block); 1 credit
Degree of Difficulty: Advanced
Homework: Above Average
AP Physics C2: Electricity and Magnetism is a calculus-based introductory college-level physics course. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students build their understanding of physical models as they explore and solve problems in these topics:

§ Electric Charges, Fields, and Gauss's Law
§ Electric Potential
§ Conductors and Capacitors
§ Electric Circuits
§ Magnetic Fields and Electromagnetism
§ Electromagnetic Induction

College Course Equivalent
AP Physics C2: Electricity and Magnetism is equivalent to the second course in an introductory college course sequence in calculus-based physics.

Prerequisites
Students should have taken or be concurrently taking calculus. Students should have taken AP Physics C1: Mechanics, AP Physics 1 or another mechanics-based physics course prior to taking AP Physics C2: Electricity and Magnetism.

CODING 1/2
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Coding provides students the opportunity to learn what is Coding and allows them to explore the history of Coding. The students will be exposed to the basic functioning of computers and programming. The students will experience different tpes of coding such as block-based language, markup and sheet style languages, scripting language, and object-oriented language.

INTEGRATED MATH 6/7/8 / PRE-ALGEBRA
One year (Block):
Degree of Difficulty: Regular
Homework: Average
This course demonstrates the usefulness of math in everyday life and to show the connection between math and other courses. It is part of an integrated math curriculum, with continuity from 6th grade. Students expand on previous exposure to simple algebraic concepts involving integers and including linear equations/functions and pattern recognition. Fractions and proportional reasoning are used in everyday scenarios. Skills are developed in measuring geometric 2-/ 3-dimensional figures. (Textbook: *Math Courses1 and 2* Prentice Hall + supplemental resources)

ALGEBRA 1*
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
In this course, students acquire and demonstrate knowledge of these topics in algebra: expressions and equations, real numbers, solving linear equations, graphing relations and functions, analyzing linear equations, solving linear inequalities, solving systems, polynomials, factoring, quadratic functions, radical expressions, rational expressions, statistics, and probability.(Textbook: *Algebra 1* Glencoe + supplemental resources)

ALGEBRA 1 HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. In this course, students acquire and demonstrate knowledge of these topics in algebra: expressions and equations, real numbers, solving linear equations, graphing relations and functions, analyzing linear equations, solving linear inequalities, solving systems, polynomials, factoring, quadratic functions, radical expressions, rational expressions, statistics, and probability.
(Textbook: *Algebra 1* Glencoe + supplemental resources)

GEOMETRY *
One semester (Block); one credit
Degree of Difficulty: Average
Homework: Average
Topics covered include the language of geometry; reasoning and proof; parallels; congruent triangles; applying congruent triangles; quadrilaterals; similarity; right triangles and trigonometry; circles; polygons and area; surface area and volume; more coordinate geometry; loci; and transformations. Students demonstrate knowledge of the concepts, definitions, and properties outlined above. Students develop critical thinking and decision-making skills by applying concepts learned to practical real-world situations.
(Textbook: *Geometry* Glencoe + supplemental resources)

GEOMETRY HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. Topics covered include the language of geometry; reasoning and proof; parallels; congruent triangles; applying congruent triangles; quadrilaterals; similarity; right triangles and trigonometry; circles; polygons and area; surface area and volume; more coordinate geometry; loci; and transformations. Students demonstrate knowledge of the concepts, definitions, and properties outlined above. Students develop critical thinking and decision-making skills by applying concepts learned to practical real-world situations.
(Textbook: *Geometry* Glencoe + supplemental resources)

ALGEBRA 2 *
One semester (Block); one credit
Degree of Difficulty: Regular
Prerequisite: Algebra 1
Homework: Average
In the context of real-world applications, this course develops students' computational powers and ability to generalize and craft mathematical solutions to everyday problems. Content explores linear relations and functions, systems of equations and inequalities, matrices. Skills with quadratic and polynomial functions are applied through practice. The course includes sections on advanced functions like conic sections and exponential/logarithmic relations. Trigonometry concepts are introduced in anticipation of subsequent classes Pre-calculus and Calculus classes.
(Textbook: *Algebra 2* Pearson + supplemental resources)

ALGEBRA 2 HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Prerequisite: Algebra 1
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. In the context of real-world applications, this course develops students' computational powers and ability to generalize and craft mathematical solutions to everyday problems. Content explores linear relations and functions, systems of equations and inequalities, matrices. Skills with quadratic and polynomial functions are applied through practice. The course includes sections on advanced functions like conic sections and exponential/logarithmic relations. Trigonometry concepts are introduced in anticipation of subsequent classes Pre-calculus and Calculus classes.
(Textbook: *Algebra 2* Pearson + supplemental resources)

STATISTICS *
One semester (Block); one credit
Degree of Difficulty: Regular
Prerequisite: Algebra 1, Algebra 2, Geometry Homework: Average
This introductory statistics course emphasizes the elements of statistical thinking and focuses on data and concepts. Students explore data, examine relationships, and make inferential decisions. Included is study of sampling distributions, graphing results, the normal distribution, probability, and inference. Upon completion of this course, students will have a strong background in statistical concepts to be well prepared for a college level Statistics course.
(Textbook: *Stats Modeling the World* Pearson + supplemental resources)

STATISTICS HONORS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Prerequisite: Algebra 1, Algebra 2, Geometry
Homework: Average to Above
Honors students receive differentiated assessments, products, process, and content. This introductory statistics course emphasizes the elements of statistical thinking and focuses on data and concepts. Students explore data, examine relationships, and make inferential decisions. Included is study of sampling distributions, graphing results, the normal distribution, probability, and inference. Upon completion of this course, students will have a strong background in statistical concepts to be well prepared for a college level Statistics course.
(Textbook: *Stats Modeling the World* Pearson + supplemental resources)

AP STATISTICS*
One semester (Block); one credit
Degree of Difficulty: Above Average
Homework: Above Average
The AP course in statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:
1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses
Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course in college. Students sit for the May AP exam.
(Textbook: *Statistics & Probability with Applications* BFW Publisher + supplemental resources)

PRE-CALCULUS *
One semester (Block); one credit
Degree of Difficulty: Above average
Prerequisite: Algebra 1, Algebra 2, Geometry
Homework: Average to Above
Pre-calculus completes the study of the elementary functions begun in Algebra I, Algebra II, and Geometry. Students focus on the use of technology, modeling, and problem-solving using data analysis, trigonometric and circular functions, their inverses, polar coordinates, complex numbers, conics and quadratic relations. Students who complete this course will understand the conceptual foundations of limit, the area under a curve, and the slope of a tangent line, in preparation for the formal study of calculus.
(Textbook: *Precalculus Enhanced* Pearson + supplemental resources)

CALCULUS HONORS*
One semester (Block); one credit
Degree of Difficulty: Advanced
Prerequisite: Pre-Calculus
Homework: Average to Above
Calculus is for students with a strong ability and interest in mathematics. Course content includes differential and integral calculus applied to algebraic, polynomial, exponential, logarithmic, and trigonometric functions. Course material incorporates a broad spectrum of interesting applications from the business, social and scientific fields. Problem solving involves a balanced approach to obtain solutions algebraically and analytically and support these results graphically and numerically. Graphing calculator use is mandatory for this course.
(Textbook: *Calculus* Prentice Hall + supplemental resources)

AP CALCULUS AB*
One semester (Block); one credit
Degree of Difficulty: Above Average
Prerequisite: Calculus recommended
Homework: Above Average
AP Calculus AB is a course in single-variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. It is the equivalent of a semester of calculus at most colleges and universities. Algebraic, numerical, and graphical representations are emphasized throughout the course. Students sit for the AP exam in May.

AERONAUTICAL SCIENCE
One Semester (Block) One Credit
Degree of Difficulty: Regular
Homework: Average
This course will explore the aspects of past, present, and future aviation, providing insight and inspiration for the next generation of aviators to begin their journey. Students will become familiar with aviation history, weather, regulations, team-building, mindset, and many more fun and interesting aspects from all sectors of the industry.

MS CULINARY ARTS
One Semester (Block) One Credit
Degree of Difficulty: Regular
Homework: Average
Food is an important part of living. It feeds our bodies, and it is often the central part of our social life and family gatherings. In MS Culinary Arts, students will learn about food, including food culture, food history, food safety, and current food trends. They also will be exposed to the commercial aspects of the food service industry and prepare some culinary dishes. Through hands-on activities and in-depth study of the culinary arts field, this course helps students improve their cooking skills and gives them the opportunity to explore careers in the food services.

HS CULINARY ARTS
One Semester (Block) One Credit
Degree of Difficulty: Regular
Homework: Average
A continuation of MS Culinary Arts, the student will continue to learn the importance of food through more advanced hands-on activities and in-depth study of the culinary arts field.

COMPUTER ANIMATION
One Semester (Block) one Credit
Degree of Difficulty: Regular
Homework: Average
This course teaches the basic 3D computer animation techniques, such as key framing, rigging and posing, rigid body dynamics, path animation Students will use the 3D modeling and animation tool Maya (www.Autodesk.com) to study these techniques and develop course projects

STORY OF SCRIPTURE
One Semester (Block) 1 Credit
Degree of Difficulty: Regular
Homework: Average
Each student will be challenged to become the person God created them to be in our complex world. We will discuss pressing questions about life and faith to increase our understanding of God. My goal is to walk with each student at their level and present an engaging, thought-provoking, and relevant theological education that will benefit them throughout their lives. This course will focus on the science and art of Biblical Interpretation. The aim is to foster and encourage a deeper understanding of the scriptures, as well as to engage students in analysis and theological reflection through the use of various interpretive

methods. Students will be given sample passages of Scripture to which they will apply the guidelines of biblical interpretation that they have learned.

AUTOMOTIVE TECHNOLOGY I
One Semester (Block)
Degree of Difficulty: Regular
Homework: Average
Students will gain basic knowledge in the maintenance of the automobile. Students will explore, handle, and gain knowledge of basic functions in engine repair, automatic transmission and transaxle, manual drive train and axles, suspension and steering systems, as well as vehicle braking systems. They will also learn about electrical, electronic, and HVAC systems in automobiles.
The Automotive Technology program provides students with a classroom segment and hands-on work. Students work on vehicles that have been scheduled for repairs as well as practice vehicles.

GAME DEVELOPMENT
One Semester (Block)
Degree of Difficulty: Regular
Homework: Average
This course emphasizes game control and logic, design tools, and the physics of games using computer programming. OBJECTIVE: Given the necessary equipment, supplies, and appropriate software, the student will be prepared to engage in further game development training.

AP HUMAN GEOGRAPHY
One Semester (Block)
Degree of Difficulty: Regular
Homework: Average

The Advanced Placement Human Geography (APHG) course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. AP Human Geography is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes.

LIFE SKILLS
One Semester (Block) 1 Credit
Degree of Difficulty: Regular
Homework: Average
Life Skills is designed to increase student knowledge and skills necessary for everyday living. The course emphasizes goal-setting, decision making and problem solving, communication, healthy lifestyles and relationships, nutrition, personal safety, citizenship and consumerism.

PHYSICAL SCIENCE
One Semester (Block) 1 Credit
Degree of Difficulty: Regular
Homework: Average
Physical Science is designed to serve as a foundation course for other high school science courses. It is a laboratory course that integrates principles of chemistry and physics. It emphasizes inquiry-based learning, process skills, and higher order thinking skills.

ENTREPRENEURSHIP
One Semester (Block) 1 Credit
Degree of Difficulty: Regular
Homework: Average
Students learn how to generate business ideas; create a business plan, mission and vision; and promote and market a company. Topics include exploring factors of business success and failure, core business concepts, economic systems, competition, production, and the global economy.

INTERNSHIP
One Semester (Block) 1 Credit
Degree of Difficulty: Regular
Homework: Average

A one-on-one relationship with an employer that provides “hands-on” learning in a career area of student interest. A required learning contract outlines the expectations of and responsibility of both parties. The student works regularly during or after

school for a specified time period in exchange for the employer's time in teaching and demonstrating. The internship shall include a minimum of 120 hours of work for the credit.

FORENSICS
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Students will explore the field of forensics and be exposed to how this science is applied to law. The course covers topics such as the history, role, and types of physical evidence, crime scene processing, and forensic science methodologies. Students will be challenged to develop problem-solving-, critical thinking-, and inquiring skills.

AP HUMAN GEOGRAPHY *
One semester (Block); one credit
Degree of Difficulty: Advanced
Homework: Above Average
This course should help students understand how cultural, economic and political systems relate to the distribution of human activities, the nature of places, and people's interaction with their environment. The course mirrors a typical undergraduate level Introduction to Human Geography course and covers the following seven units:

- The geographic perspective
- Population
- Cultural patterns and processes
- Political organization of space
- Agricultural and rural land use
- Industrialization and economic development
- Cities and urban land use

HORTICULTURE
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Horticulture is a fast-growing industry and students will learn about the science and art of producing edible and ornamental plants. This course covers the basics of horticulture including the growth, distribution, and utilization of plants, fruits and vegetables and students will receive instruction on up-to-date information and practical skills to implement. Students will explore the different branches of horticulture and learn how their benefits create diverse professional opportunities.

PHYSICAL EDUCATION
One semester (Block); one credit / Extracurricular students will earn a Pass/Fail grade
Degree of Difficulty: Regular
Homework: Average
Physical Education provides cognitive content and instruction to teach students about active living, movement skills, growth and development, safety, nutrition, personal development, mental health, and healthy relationships. The course emphasizes health and wellness and is designed to increase student knowledge about fitness, healthy eating habits and mental wellbeing. Extracurricular students in this course will earn a Pass/Fail grade.

COMPUTER APPLICATION
One Semester (Block) 1 Credit
Degree of Difficulty: Regular
Homework: Average
Students will explore computer skills and applications needed on a personal, school/college, and career level. The focus of this course is to provide knowledge and skills associated with Microsoft Office applications including Word, PowerPoint, Excel, Access, Publisher and Outlook. Students will create various documents: reports, business letters, tables, databases, spreadsheets, and brochures. In addition, students will expand their knowledge of computer terminology, parts of a computer, and search strategies on the Internet.

COMPUTER AIDED DESIGN (CAD)
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
This course will explore the roles of engineers and architects, including the various specializations within each field and the paths to becoming a professional in these areas. We will also discuss the different types of computer-aided design (CAD) software, with a primary focus on AutoCAD. Students are required to bring their laptops to class every day. The AutoCAD

software will be installed on their devices, and they will practice using the program by creating various drawings. The course will cover the following AutoCAD topics: User Interface and Settings, Drawing Tools, Editing Tools, Model Space vs. Paper Space, 2D Drafting, 3D and Solid Modeling, and Drawing Layouts for Engineering and Architecture.

INTRODUCTION TO ENGINEERING DESIGN (IED)
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
This course provides an introduction to the engineering profession. Information on the different disciplines of engineering will be presented. The course exposes students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, they will learn to use 3D solid modeling design software to design solutions to problems. Students will develop problem solving skills and apply their knowledge of research and design to create solutions, document the process, and communicate the results.

AUTOMOTIVE TECHNOLOGY
One semester (Block); Pass/Fail grade
Degree of Difficulty: Regular
Homework: Average
The Automotive Technology course prepares students for success in mechanic and automotive service and repair. Students will learn how to diagnose, maintain, and repair vehicles. The curriculum covers essential topics such as brake and electrical systems, engine repair and performance, and manual and automatic transmission.

ACT/SAT PREPARATION – MATH
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
This course prepares students for the ACT/SAT Math section by reviewing essential math concepts, practicing problem-solving strategies, and simulating the test environment through practice tests and quizzes. This course is designed to help students master the mathematical concepts and skills tested on the ACT/SAT Math section, including algebra, geometry, data analysis, and problem-solving.

MATH ENRICHMENT
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
The math enrichment course aims to deepen and broaden students' mathematical understanding beyond the core curriculum, fostering critical thinking, problem-solving, and exploration of advanced concepts through engaging activities and challenging problems.

SAT PREPARATION – READING AND WRITING SKILLS
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
This course is designed to help students prepare to take the SAT Verbal Exam. The SAT Verbal Exam consists of two main sections: Reading and Writing and Language. This course covers both of these main sections and will prepare a student with instruction as well as hundreds of examples and practice problems. The SAT Test Preparation course will increase active engagement in the SAT preparation process. The course will give direction, focus preparation, and teach specific skills and effective test-taking students need to be successful on the SAT. The SAT Reading Test Preparation portion of the course will emphasize strategies on comprehension and reasoning skills when students are presented with challenging and extended prose passages taken from a variety of content areas. The SAT Writing & Language Test Preparation portion on the course will focus on identifying and remediating grammar errors and style or logistic issues. The Essay Test Preparation portion of the course will aid in the mapping and organization of a coherent piece of writing that addresses a prompt efficiently and incorporates rhetorical devices appropriately. The course will provide students with opportunities to simulate the testing experience through the use of digital and paper practice tests.

WORLD ISSUES/INTERNATIONAL RELATIONS
One semester (Block); one credit
Degree of Difficulty: Regular
Homework: Average
Current Events/World Issues is a course for high schoolers. This course would introduce students to the major global challenges shaping the world beyond their own communities and perspectives. Students will explore key issues—such as climate change, human rights, conflict, inequality, and technological change—while learning how countries make decisions,

form alliances, and respond to crises. Through discussions and real-world case studies, students will discover why global problems arise, how organizations like the United Nations work, and how diplomacy helps resolve conflicts. The main goal of the course would be to help students build critical thinking, global awareness, and the ability to understand world events from multiple viewpoints.

AP CAPSTONE HONORS * – Semester 1
One semester (Block); one credit
Degree of Difficulty: Advanced
Homework: Above Average
Grades 11–12 | Honors Credit | Prerequisite for AP Seminar

AP Capstone Honors is the first semester of the AP Seminar course sequence, designed for academically motivated students in grades 11 and 12. This course introduces students to the foundational research, reading, and argumentation skills required for advanced academic inquiry. Students will examine and analyze complex texts across multiple perspectives — including social, political, historical, and cultural lenses — while engaging with significant current events and real-world issues. Emphasis is placed on developing academic writing, evidence-based reasoning, oral communication, and collaborative discussion skills. Students will complete the Individual Research Report (IRR) preparation and Team Multimedia Presentation (TMP) groundwork required for the full AP Seminar assessment sequence completed in semester two. Successful completion of Capstone Honors is required for enrollment in AP Seminar.

Prerequisite: *Minimum 3.0 GPA and a B or higher in previous English coursework.*

AP SEMINAR- Semester 2
One semester (Block); one credit
Degree of Difficulty: Advanced
Homework: Above Average
Grades 11–12 | AP Credit | College Board AP Capstone Program

AP Seminar is the second semester of the Capstone course sequence and is offered in partnership with the College Board's AP Capstone Diploma Program. Building on the skills developed in Capstone Honors, students complete all formal AP assessments, including the Individual Research Report (IRR), Team Multimedia Presentation (TMP), Individual Written Argument (IWA), Individual Multimedia Presentation (IMP), and the AP End-of-Course Exam. Through the investigation of complex, open-ended questions drawn from current events and cross-disciplinary topics, students demonstrate mastery of evidence-based argumentation, research methodology, and formal academic presentation. Students who earn a score of 3 or higher on the AP Exam may be eligible for college credit.

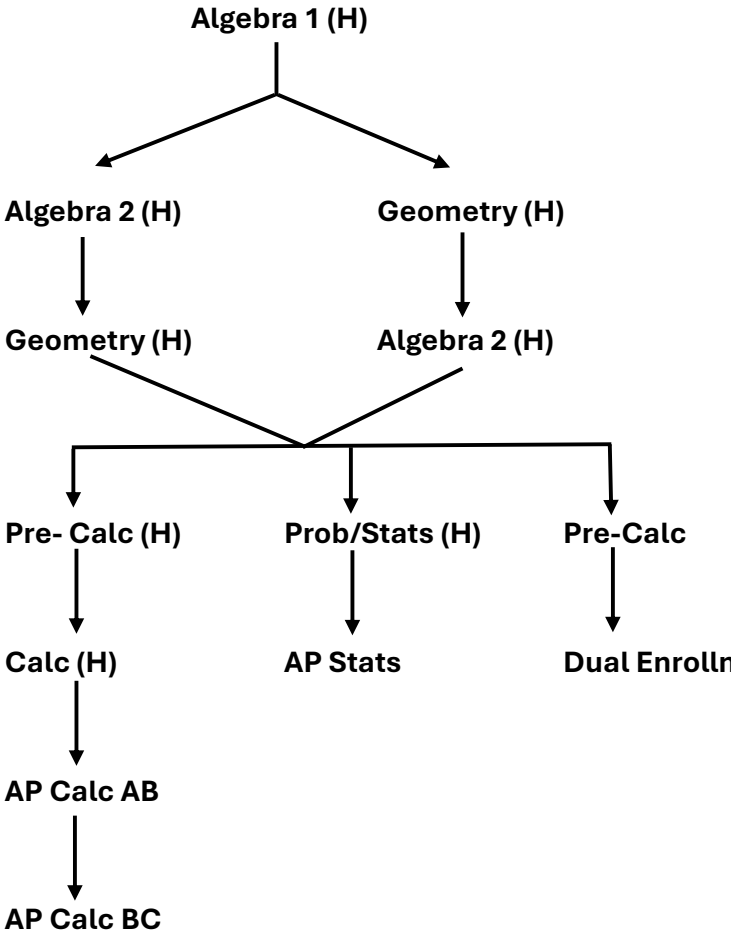
Prerequisite: *Successful completion of Capstone Honors with a grade of C or higher.*

AP RESEARCH- Semester 2
One semester (Block); one credit
Degree of Difficulty: Advanced
Homework: Above Average
Grades 11–12 | AP Credit | College Board AP Capstone Program

The AP Research (year-long) course is the final course in the AP Capstone experience. AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest.

In addition to the in-seat Heritage Academy courses listed, if there is a schedule conflict, students may take Florida Global Virtual School courses offered each year.

Math Flow Chart



English Flow Chart