

Houston County High School
2026-2027
Course Offerings



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2026-2027 HCHS Course Descriptions

English

Course Name	Course Description	Pre-Requisite(s)
Literature & Composition I	This course develops the integrated skill set that comprises the English language arts discipline to ensure that students are on track to be college and work-ready. Literature & Composition I focuses on the interpretation, evaluation, construction, and design of texts across genres and modes in a variety of real-world, academic, and disciplinary contexts while sustaining and building mastery of language applications and discipline-specific practices.	None
Literature & Composition II	This course develops the integrated skill set that comprises the English language arts discipline to ensure that students are on track to be college and work-ready. Literature & Composition II focuses on the interpretation, evaluation, construction, and design of texts across genres and modes in a variety of real-world, academic, and disciplinary contexts while sustaining and building mastery of language applications and discipline-specific practices.	Literature & Composition I
American Literature & Composition	American Literature & Composition focuses on the integrated study of American texts; students develop an understanding of texts from at least three literary periods, considering history's impact on the literature's text structures, themes, and stylistic features. Students routinely engage in the integrated and recursive literacy practices that ground, shape, and inform their interpretations and constructions of texts that apply their grammar conventions, vocabulary, context, structure and style, techniques, research and analysis, and periods and movements understandings. Students will examine how historical events have influenced American writers, and they will also consider how in turn the nation's literature has affected historical events and shaped public opinion. By the end of the course, students will have a deeper understanding of the interconnection between American history and literature, preparing them for future academic pursuits and fostering an appreciation for America's literary legacy.	Literature & Composition II
AP Language & Composition	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 situations, claims and evidence, reasoning and organization, and style.	Literature & Composition II

<p>Dual Enrollment Advanced Composition</p>	<p>This course explores the analysis of literature and articles about issues in the humanities and in society. Students practice various modes of writing, ranging from exposition to argumentation and persuasion. The course includes a review of standard grammatical and stylistic usage in proofreading and editing.</p>	<p>American Literature & Composition Or AP Language & Composition</p>
<p>AP Literature & Composition</p>	<p>AP English Literature and Composition is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.</p>	<p>American Literature & Composition Or AP Language & Composition</p>
<p>British Literature & Composition</p>	<p>British Literature & Composition focuses on the integrated study of British texts; students develop an understanding of texts from at least three literary periods, considering history's impact on and analyzing the literature's text structures, themes, and stylistic features. Students routinely engage in the integrated and recursive literacy practices that ground, shape, and inform their interpretations and constructions of texts that apply their grammar conventions, vocabulary, context, structure and style, techniques, research and analysis, and periods and movements understandings.</p>	<p>American Literature & Composition Or AP Language & Composition</p>
<p>Non-Dual Enrollment Advanced Composition</p>	<p>Advanced Composition focuses on the writing processes (e.g., planning, drafting, revising). Students will focus on analyzing and producing texts for a wide variety of intended purposes, target audiences, modes, and genres. Students will engage in research and explore multiple text structures (e.g., compare-contrast, process analysis, cause and effect, exemplification, classification, definition), literary devices, and craft techniques. Advanced language skills (grammar, usage, mechanics, and syntax) are a major component of this course.</p>	<p>American Literature & Composition</p>

2026-2027 HCHS Course Descriptions

Math

Course Name	Course Description	Pre-Requisite(s)
Foundations of Algebra	Foundations of Algebra will provide many opportunities to revisit and expand the understanding of foundational algebra concepts, will employ diagnostic means to offer focused interventions, and will incorporate varied instructional strategies to prepare students for required high school mathematics courses. The course will emphasize both algebra and numeracy in a variety of contexts including number sense, proportional reasoning, quantitative reasoning with functions, and solving equations and inequalities.	8th Grade Mathematics
Algebra CC 1	Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics. This course focuses on algebraic, quantitative, geometric, graphical, and statistical reasoning. In this course, students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of linear functions, sums and products of rational and irrational numbers, systems of linear inequalities, distance, midpoint, slope, area, perimeter, nonlinear equations and functions, quadratic expressions, equations and functions, exponential expressions, equations, and functions, and statistical reasoning.	8th Grade Mathematics
Geometry CC	This course is intended to enhance students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability.	Algebra CC 1

<p>Algebra CC 2 (Advanced Algebra CC)</p>	<p>It is in Algebra II/Advanced Algebra that students pull together and apply the accumulation of learning that they have from their previous courses, with content grouped into six critical areas, organized into units. They apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include quadratic (with complex solutions), polynomial, rational, and radical functions. And, finally, students bring together all of their experience with functions to create models and solve contextual problems.</p>	<p>Geometry CC</p>
<p>Precalculus</p>	<p>The course includes the study and analysis of piecewise and rational functions; limits and continuity as related to piecewise and rational functions; sequences and series with the incorporation of convergence and divergence; conic sections as implicitly defined curves; the six trigonometric functions and their inverses; applications of trigonometry such as modeling periodic phenomena, modeling with vectors and parametric equations, solving oblique triangles in contextual situations, graphing in the Polar Plane; solutions of trigonometric equations in a variety of contexts; and the manipulation and application of trigonometric identities.</p>	<p>Algebra CC 2 (Advanced Algebra CC)</p>
<p>AP Precalculus</p>	<p>AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, business, social science, and data science. Furthermore, as AP Precalculus may be the last mathematics course of a student's secondary education, the course is structured to provide a coherent capstone experience rather than exclusively focusing on preparation for future courses.</p>	<p>Geometry Algebra CC 2 (Advanced Algebra 2)</p>
<p>College Readiness Math</p>	<p>College Readiness Mathematics focuses on key content and practice standards to ensure that students will be ready for post-secondary academic courses and career preparation in non-STEM fields. The course will revisit and expand the understanding of content standards introduced in earlier mathematics courses and will emphasize numeracy, algebra and functions, geometry, and statistics in a variety of contexts.</p>	<p>Algebra CC 2 (Advanced Algebra CC)</p>
<p>Dual Enrollment College Algebra</p>	<p>Emphasizes techniques of problem-solving using algebraic concepts. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs, and systems of equations; optional topics include sequences, series, and probability or analytic geometry.</p>	<p>Algebra CC 2 (Advanced Algebra CC)</p>

AP Statistics	The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem-solving, and writing as they build conceptual understanding.	Honors Algebra CC 2
AP Calculus AB	AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus by engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.	AP Precalculus

2026-2027 HCHS Course Descriptions

Social Studies

Course Name	Course Description
American Government/Civics	The government course provides students with a background in the philosophy, functions, & structure of the United States government. Students examine the philosophical foundations of the United States government & how that philosophy developed. Students also examine the structure & function of the United States government & its relationship to states & citizens.
World Geography	The world geography course provides students with an analytical view of how geographic factors have & continue to influence human behavior on the Earth. Students will examine how the physical & cultural geographic factors contribute to varying levels of cooperation within the major world regions. Additionally, students will examine the importance that political, environmental, & economic factors have in a region's development.
World History	The high school world history course provides students with a comprehensive, intensive study of major events & themes in world history. Students begin with a study of the earliest civilizations worldwide & continue to examine major developments & themes in all regions of the world. The course culminates in a study of change & continuity & globalization at the beginning of the 21st century.
AP World History	AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources & learning to make connections & craft historical arguments as they explore concepts like humans & the environment, cultural developments & interactions, governance, economic systems, social interactions & organization, & technology & innovation.
Non- Dual Enrollment US History	The high school United States history course provides students with a survey of major events & themes in United States history. The course begins with English settlement & concludes with significant developments in the early 21st Century.
DE US History I	Emphasizes the study of U.S. History to 1877 to include the post-Civil War period. The course focuses on the period from the Age of Discovery through the Civil War to include geographical, intellectual, political, economic & cultural development of the American people. It includes the history of Georgia & its constitutional development.
DE US History II	Emphasizes the study of the social, cultural, & political history of the United States from 1865 to the beginning of the twenty-first century & will equip the student to better understand the problems & challenges of the contemporary world in relation to events & trends in modern American history. The course also provides an overview of the history of Georgia & the development of its constitution.
AP US History	AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources & learning to make connections & craft historical arguments as they explore concepts like American & national identity; work, exchange, & technology; geography & the environment; migration & settlement; politics & power; America in the world; American & regional culture; & social structures

Economics	<p>In addition to the fundamentals of economic decision-making, microeconomics, macroeconomics, & international economics, students will learn personal finance skills they can apply to their futures – including managing & balancing budgets; understanding & building credit; protecting against identity theft & consumer protections; & understanding tax forms, student loan applications, & pay stubs. Economics is the study of how individuals, businesses, & governments make decisions about the allocation of scarce resources. This course provides students with a foundation in the field of economics, with a specific focus on how students can apply that knowledge to their own personal finances.</p>
DE Principles of Economics	<p>Provides a description and analysis of economic operations in contemporary society. Emphasis is placed on developing an understanding of economic concepts and policies as they apply to everyday life. Topics include basic economic principles; economic forces and indicators; capital and labor; price, competition, and monopoly; money and banking; government expenditures, federal and local; fluctuations in production, employment, and income; and United States economy in perspective.</p>
DE Introduction to Sociology	<p>Explores the sociological analysis of society, its culture, and structure. Sociology is presented as a science with emphasis placed on its methodology and theoretical foundations. Topics include basic sociological concepts, socialization, social interaction and culture, social groups and institutions, deviance and social control, social stratification, social change, and marriage and family.</p>
DE Introductory Psychology	<p>Introduces the major fields of contemporary psychology. Emphasis is on critical thinking and fundamental principles of psychology as a science. Topics include research design, the organization and operation of the nervous system, sensation and perception, learning and memory, motivation and emotion, thinking and intelligence, lifespan development, personality, psychological disorders and treatment, stress and health, and social psychology.</p>
Personal Financial Literacy	<p>Financial literacy describes the skills needed for understanding the interactions of people with money & related matters. The course is designed to help students develop that understanding by describing, analyzing, & evaluating many financial topics that most students will directly experience.</p>
AP Psychology	<p>AP Psychology introduces students to the systematic & scientific study of human behavior & mental processes. While considering the studies that have shaped the field, students explore & apply psychological theories, key concepts, & phenomena associated with major units of study, including biological bases of behavior, cognition, development, learning, social psychology, personality, & mental & physical health. Throughout the course, students apply psychological concepts & employ psychological research methods & data interpretation to evaluate claims, consider evidence, & effectively communicate ideas.</p>

2026-2027 HCHS Course Descriptions

Science

Course Name	Course Description	Pre- Requisite(s)
Biology	This course is designed to continue student investigations of the life sciences that began in grades K-8 and provide students with the necessary skills to be proficient in biology. This curriculum includes more abstract concepts, such as the interdependence of organisms, the relationship of matter, energy, and organization in living systems, the behavior of organisms, and biological evolution. Students investigate biological concepts through experience in laboratories and field work using the processes of inquiry.	
Physical Science	This course is designed as a survey course in chemistry and physics. This curriculum includes more abstract concepts, such as the conceptualization of the structure of atoms, motion, and forces, the conservation of energy and matter, the action/reaction principle, and wave behavior. Students investigate physical science concepts through experience in laboratories and field work using the processes of inquiry.	
Chemistry	The Chemistry curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students with the necessary skills to be proficient in chemistry. This curriculum includes more abstract concepts such as the structure of atoms, the structure and properties of matter, and the conservation and interaction of energy and matter. Students investigate chemistry concepts through experience in laboratories and fieldwork using the processes of inquiry.	Biology & Algebra CC 1
AP Chemistry	AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.	Biology & Chemistry
Environmental Science	The Environmental Science curriculum is designed to extend student investigations that began in grades K-8. It integrates the study of many components of our environment, including the human impact on our planet. The concepts integrated into this course include the flow of energy and the cycle of matter, the interconnection of all life, stability and change in an ecosystem, conservation, and resource allocation, and evaluation of human activity and technology.	
AP Environmental Science	This course conforms to College Board topics for the Advanced Placement Environmental Science Examination. The major themes for this course as indicated by the AP Environmental Science course guide include Earth systems and resources, the living world, populations, land and water use, energy resources and consumption, pollution, and global change.	Biology & Chemistry

Anatomy & Physiology	The Anatomy and Physiology curriculum is designed to continue student investigations that began in grades K-8 and high school biology and chemistry. Areas of study include organization of the body; protection, support, and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth, and development. The course integrates careers related to medicine, research, healthcare, and modern medical technology and utilizes case studies concerning diseases, disorders, and ailments.	Biology
Forensic Science	The Forensic Science Georgia Standards of Excellence are designed to build upon science concepts from previous courses and apply science to the investigation of crime scenes. Students will learn the scientific protocols for analyzing a crime scene, chemical, and physical separation methods to isolate and identify materials, how to analyze biological evidence, and the criminal use of tools, including impressions from firearms, tool marks, arson, and explosive evidence.	Biology
Physics	The Physics curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students with the necessary skills to be proficient in physics. This curriculum includes more abstract concepts such as interactions of matter and energy, velocity, acceleration, force, energy, momentum, and charge. Students investigate physics concepts through experience in laboratories and fieldwork using the processes of inquiry.	Algebra CC 2 (or concurrently w/ Algebra CC 2)
AP Physics 1	AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves.	Biology and Chemistry and Algebra CC 1 and Algebra CC 2
AP Biology	AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.	Biology & Chemistry

2026-2027 HCHS Course Descriptions

World Language

Course Name	Course Description	Pre-Req
Spanish 1	Introduces the Spanish language; emphasizes all skills: listening, speaking, reading, and writing skills in an integrated way. Includes how to greet and take leave of someone, to ask and respond to basic questions, to speak and read within a range of carefully selected topics, and to develop an understanding of Spanish-speaking cultures.	
Spanish 2	Enhances Level One skills in Spanish and provides opportunities to develop listening, speaking, reading, and writing skills in an integrated way. Provides continued practice in how to greet and take leave of someone, ask and respond to basic questions, speak and read within a range of carefully selected topics, and increase understanding of Spanish-speaking cultures.	Spanish 1
Spanish 3	Enhances Level Two skills in Spanish and provides further opportunities to increase listening, speaking, reading, and writing skills in an integrated way. Provides continued practice in previous topics and introduces new topics; offers further opportunities to increase understanding of Spanish-speaking cultures.	Spanish 1 & 2
AP Spanish	AP Spanish Language and Culture is equivalent to an intermediate-level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.	Spanish 1, Spanish 2, & Spanish 3
French 1	Introduces the French language; emphasizes all skills: listening, speaking, reading, and writing in an integrated way. Includes how to greet and take leave of someone, to ask and respond to basic questions, to speak and read within a range of carefully selected topics, and to develop an understanding of French-speaking cultures.	
French 2	Enhances Level One skills in French and provides opportunities to develop listening, speaking, reading, and writing skills in an integrated way. Provides continued practice in how to greet and take leave of someone, to ask and respond to basic questions, and to speak and read within a range of carefully selected topics. Provides opportunities to increase understanding of French-speaking cultures.	French 1
French 3	Enhances Level Two skills in French and provides further opportunities to increase listening, speaking, reading, and writing skills in an integrated way. Provides continued practice in previous topics and introduces new topics; offers further opportunities to increase understanding of French-speaking cultures.	French 2 & 3
AP French	AP French Language and Culture is equivalent to an intermediate-level college course in French. Students cultivate their understanding of the French language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and community, personal and public identity, beauty and aesthetics, science and technology, contemporary life, and global challenges.	French 1, French 2, & French 3

2026-2027 HCHS Course Descriptions

Fine Arts

Course Name	Course Description	Pre- Requisite(s)
Band	These courses provide opportunities to develop and refine performance skills on a wind or percussion instrument. Emphasis is placed on performance and production and may include analysis, historical and cultural influences, improvisation, and appreciation of music. These courses organize objectives for self-paced progress and stress individual progress and group experiences.	Teacher Approval
Chorus	These courses cover performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music, and appreciation of music. These courses stress self-paced progress and group experiences.	Teacher Approval for Upper-Level Courses
Art Comprehension	This course introduces art history, art criticism, aesthetic judgment, and studio production. Emphasizes the ability to understand and use elements and principles of design through a variety of media, processes, and visual resources. Explores master artworks for historical and cultural significance. Upper-level courses enhance level-one skills and provide in-depth practice in applying design elements and principles of design. Stresses idea development through production and creativity and through the study of master artists and developing personal artistic voice.	
Art-Ceramics & Pottery	This course introduces the characteristics of clay and design in clay using various techniques of construction and decoration; emphasizes hand building and introduces other forming techniques, surface decoration, and glaze applications; covers styles of ceramic works from Western and non-Western cultures. Upper levels enhance level one skills and provide opportunities to apply design techniques through hand building and/or throwing on the potter's wheel, formulation of basic glazes and kiln firing, evaluation of clay forms through art criticism, and developing artistic voice.	
AP Art Studio Drawing	The content of this course conforms to College Board standards for the Advanced Placement Studio Art 3D Design Portfolio Examination. The drawing portfolio is intended to address a very broad interpretation of drawing issues and media. Line quality, light, and shade, rendering of form, composition, surface manipulation, the illusion of depth, and mark-making are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc. Abstract, observational, and invented works may demonstrate drawing competence.	Teacher Approval for Upper-Level Courses
Theater Fundamentals	This course serves as an introduction to the theatre arts. Students investigate theatre as a whole by exploring the techniques and origins of a wide variety of theatre arts in various cultures and periods. This is the recommended prerequisite for all other theatre courses.	

Theater- Acting	<p>Studies the artistic, technical, management, and performance elements of a live theatre production. As a part of the planning, rehearsal, and performance, students assume positions of responsibility and demonstrate basic knowledge and skills in acting, directing, artistic criticism, script analysis, staging, character creation, vocal techniques, and physical movement. Students recognize the responsibilities of the producer, director, actors, designers, technicians, and managers through collaboration in the creation of a theatre performance.</p>	Teacher Approval
Technical Theater	<p>This introductory course explores the definition, design, & use of technical elements associated with theatre sets, props, costumes, makeup, lights, & sound. Upper-level courses enhance skills in level one and introduce aspects of student design, creation of lighting, sound, properties, costumes, & make-up design while offering opportunities to apply skills in these areas. Students also explore and learn to solve problems in supervising & managing all aspects of production.</p>	Teacher Approval
Music Technology	<p>Students learn how to use digital tools and resources to create, present, respond, and connect to music as an art form and/or industry. Students learn the ethical use of technological systems, media information, and software as it relates to music technology, intellectual property, publication, and industry standards.</p>	Teacher Approval
Music Theory	<p>This course introduces the fundamentals of organized sound, emphasizing the rules of Western music composition and offering opportunities to create original works. Students will develop the ability to describe, understand, and recognize aspects of tonal music, and skills in sight-singing, dictation/aural, written aspects, composition, and analytical areas. Students will be exposed to a variety of exercises to develop these skills including listening, performance, writing, creating, and analyzing music.</p>	
Music Appreciation	<p>This course introduces production and performance, covering terminology and idioms, elements of music, perceptive listening and attitudes, and appreciation. This course stresses the ability to become a literate consumer along with the ability to speak and write fluently about music.</p>	

2026-2027 HCHS Course Descriptions

Career, Technical, and Agricultural Education (CTAE)

Course Name	Course Description	Pre-Requisite(s)
Basic Agriculture Science & Technology	Introduces the major areas of scientific agricultural production and research; presents problem-solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.	None
Animal Science & Biotechnology	As part of the Agriscience pathway program of study, this course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.	Basic Agriculture Science and Technology
Agricultural Animal Production & Management	This course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Introduces scientific principles applied to the animal industry; covers reproduction, production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.	Basic Agriculture Science & Technology Animal Science & Biotechnology
General Horticulture/ Plant Science	This course is designed as an introduction to the Horticulture/Plant Science Pathway. The course introduces the major concepts of plant & horticulture science. Classroom & laboratory activities are supplemented through supervised agricultural experiences & leadership programs & activities.	Basic Agriculture
Nursery & Landscape	This course is designed to provide students with the basic skills and knowledge utilized by the green industry in nursery production and management, and landscape design and management. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs, and activities.	Basic Agriculture General Horticulture/ Plant Science

<p>Aerospace SC Leadership 1st Level</p>	<p>This course has two components: leadership and aviation history and introduces the AFJROTC program while teaching elements of good citizenship. Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions; health and wellness; fitness; individual self-control; and citizenship are also covered. Aviation history focuses on the development of flight throughout the centuries starting with ancient civilizations, then progressing through time to the modern day. Introduces cyber technologies.</p>	<p>None</p>
<p>Aerospace SC Leadership 2nd Level</p>	<p>This course is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st -century. Students will learn how to save, invest, and spend money wisely, as well as how to avoid credit traps. They learn about real-life issues such as contracts, leases, warranties, legal notices, personal bills, money-saving strategies for grocery shopping, apartment selection, and life with roommates. In addition, students learn how to select a school that is right for them; how to apply for admission to a vocational or technical school, community college, or college/university; and how to succeed in these learning environments.</p>	<p>Aerospace SC Leadership 1st Level</p>
<p>Corps Management A/B</p>	<p>The survival instruction will provide training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. Survival also presents "good to know" information that would be useful in any situation. An Introduction to Management provides an introduction to management and its application to JROTC. It defines what management is and what managers do.</p>	<p>Aerospace SC Leadership 1st/2nd Level *By approval only</p>
<p>Introduction to Business & Technology</p>	<p>Foundational course for the Administrative Support, Small Business Development, and Human Resources Management pathways. The course is a gateway to the career pathways above and provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Emphasis is placed on developing proficient fundamental computer skills required for all career pathways.</p>	<p>None</p>
<p>Legal Environment of Business</p>	<p>This course concentrates on the legal aspects of business ownership and management. Legal issues will include contracts, sales, consumer law, agency and employment law, personal and real property, risk management, environmental law, and government effects on business. The impact of ethics on business operations will be studied. International business principles are infused in the standards for the Legal Environment of Business.</p>	<p>Introduction to Business & Technology</p>

<p>Human Resources Management</p>	<p>Students will analyze the primary functions of human resources management which include recruitment, selection, training, development, compensation, and evaluation. The course is designed to equip students with operational knowledge of hiring, managing, and firing employees. Throughout this course, students will be introduced to the Human Resource Management role by following the life cycle of an employee from organizational entry to exit.</p>	<p>Introduction to Business & Technology</p> <p>Legal Environment of Business</p>
<p>Financial Literacy</p>	<p>The course is designed for students to understand the importance of the financial world, including planning and managing money wisely. Areas of study include sources of income, budgeting, banking, consumer credit, credit laws and rights, personal bankruptcy, insurance, spending, taxes, investment strategies, savings accounts, mutual funds, the stock market, buying a vehicle, and living independently. Students apply mathematical concepts in realistic scenarios and actively engage by applying the mathematics necessary to make informed personal finance decisions.</p>	<p>Introduction to Business and Technology</p>
<p>Accounting</p>	<p>Accounting 1 is a skill-level course that is of value to all students pursuing a strong background in business, marketing, and management. Using financial information, students will learn how to make decisions about planning, organizing, and allocating resources using accounting procedures. Performing accounting activities for sole proprietorships and corporations, following Generally Accepted Accounting Procedures are included in the course. Students analyze business transactions and financial statements, perform payroll, and evaluate the effects of transactions on the economic health of a business.</p>	<p>Introduction to Business and Technology</p> <p>Financial Literacy</p>
<p>Introduction to Software Technology (formerly Introduction to Digital Technology)</p>	<p>This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal lives, society, and the business world. Exposure to foundational knowledge in programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.</p>	<p>None</p>
<p>Computer Science Principles</p>	<p>Computer Science (CS) Principles is an intellectually rich and engaging course that is focused on building a solid understanding and foundation in computer science. This course emphasizes the content, practices, thinking, and skills central to the discipline of computer science. The focus of this course will fall into these computational thinking practices: connecting computing, developing computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating.</p>	<p>Introduction to Software Technology</p>

<p>AP Computer Science Principles</p>	<p>AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.</p>	<p>Introduction to Software Technology</p>
<p>AP Computer Science A</p>	<p>AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using Java programming language.</p>	<p>Introduction to Software Technology</p> <p>Computer Science Principles or AP Computer Science Principles</p>
<p>Food, Nutrition, & Wellness</p>	<p>FNW is an essential course in understanding nutritional needs and food choices for optimal health of individuals across the lifespan. This course helps develop a knowledge base and the skills necessary to select among alternatives in the marketplace, with an emphasis on nutrient content, the development of chronic diseases, and food safety.</p>	<p>None</p>
<p>Food for Life</p>	<p>This is an advanced course in food and nutrition that addresses the variation in nutritional needs at specific stages of the human life cycle: infancy, childhood, adolescence, & adulthood including old age.</p>	<p>Food, Nutrition, and Wellness</p>
<p>Food Science</p>	<p>Food Science integrates many branches of science and relies on the application of rapid advances in technology to expand and improve the food supply. Students will evaluate the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods. This course will build on knowledge from the Food, Nutrition and Wellness, and Food for Life courses.</p>	<p>Food, Nutrition, and Wellness</p> <p>Food for Life</p>
<p>Early Childhood Education I</p>	<p>The Early Childhood Education I course is the foundational course under the Early Childhood Care & Education pathway and prepares the student for employment in early childhood education and services. The course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children.</p>	<p>None</p>

<p>Early Childhood Education II</p>	<p>This is the second course in the Early Childhood Care and Education pathway and further prepares the student for employment in early childhood care and education services. The course provides a history of education, licensing and accreditation requirements, and foundations of basic observation practices and applications. Early childhood care, education, and development issues are also addressed and include health, safety, and nutrition education; certification in CPR/First Aid/Fire Safety; information about child abuse and neglect; symptoms and prevention of major childhood illnesses and diseases; and prevention and control of communicable illnesses.</p>	<p>Early Childhood Education I</p>
<p>Early Childhood Education III</p>	<p>The course provides in-depth study of early brain development and its implications for early learning, appropriate technology integration, and developmentally appropriate parenting and child guidance trends. Also addressed are collaborative parent/teacher/child relationships and guidance, child directed play, the changing dynamics of family culture and diversity, the causes and effects of stress on young children, and infant nutrition.</p>	<p>Early Childhood Edu I Early Childhood Edu II</p>
<p>Introduction to Graphic Design</p>	<p>This course introduces students to the principles of graphic communications and design and its place in the world. It teaches students to use computers effectively in their lives and provides a foundation for successfully integrating their own interests and careers with the resources of a technological society. Students acquire a fundamental understanding of the graphic communications and design world, learn the theories behind creating designs, and how to work with consumers. Exposure to career possibilities and discussion of ethical issues relating to graphic communications and design are explored.</p>	<p>None</p>
<p>Graphic Design & Production</p>	<p>Students will become familiar with the many ways images are created either physically or electronically by delineating through description the differences between the various output processes and describe how each process creates or transfers an image. Students will describe how an image transitions through to a finished product and will participate in its development.</p>	<p>Introduction to Graphic Design</p>
<p>Advanced Graphic Design</p>	<p>Students will continue to explore the principles of design and layout procedures as they relate to graphic design. Content will cover electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing. Knowledge and skills in digital design and imaging will be enhanced through experiences that simulate graphic design.</p>	<p>Introduction to Graphic Design Graphic Design & Production</p>

Marketing Principles	The foundation course teaches how marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses; learn basic marketing concepts and the role of marketing in our economy; develop skills in applying economic concepts to marketing, distribution and logistics, marketing information management, finance in marketing, product/service planning, pricing mixes, promotional strategies, and personal selling.	None
Introduction to Sports & Entertainment Marketing	This course introduces the student to the major segments of the Sports and Entertainment Industry and the social and economic impact it has on the local, state, national, and global economies. The products and services offered to consumers and the impact of marketing on these products and services are examined.	Marketing Principles
Advanced Sports & Entertainment Marketing	This course provides students with opportunities to develop managerial and analytical skills and deepen their knowledge in sports/entertainment marketing. Topical units include Marketing- Information Management, Selling, Publicity/Public Relations, Sales Promotion, Management of Promotion, Product Mix, Pricing, Positioning, and Marketing Planning. Project-based instruction, together with a variety of work-based learning activities, should be incorporated in this course to provide real-world application.	Marketing Principles Intro to Sports & Entertainment Marketing
Fine Furniture I	The purpose of this course is to introduce students to the world of woodworking to develop competencies essential to the Fine Furniture/Cabinetmaking Industry. The competencies include safety, applied math skills, woodworking materials, hand tools, and machinery operations, wood joints, as well as gluing and clamping.	None
Fine Furniture II	This course is designed to provide students with more in-depth knowledge of hand-tool and machine safety, craftsmanship, and technology used in the Fine Furniture/Cabinetmaking profession. The competencies include door and drawer design, assembling and gluing procedures, CAD drawings, and additional hands-on projects.	Fine Furniture I
Fine Furniture III	This course provides students with a more in-depth knowledge of woodworking and an introduction to the business side of the profession. Students will further their understanding of the design, and plan of procedure, as well as the assembling and finishing of wood projects.	Fine Furniture I Fine Furniture II

<p>Foundations of Engineering & Technology</p>	<p>The Foundations of Engineering and Technology is the introductory course for the Engineering and Technology Education pathways. This STEM-driven course provides the students with an overview of engineering and technology including the different methods used in the engineering design process developing fundamental technology and engineering literacy. Students will demonstrate the skills and knowledge they have learned through various project-based activities while using an engineering design process.</p>	<p>None</p>
<p>Engineering Concepts</p>	<p>Engineering Concepts is the second course in the Engineering and Technology Pathway. Students will learn to design technical solutions to engineering problems using a whole system approach to engineering design. Students will demonstrate the application of mathematical tools, teamwork, and communication skills in solving various design challenges while maintaining a safe work environment.</p>	<p>Foundations of Engineering & Technology</p>
<p>Engineering Applications</p>	<p>Engineering Applications is the third course in the Engineering and Technology Pathway. Students will apply their knowledge of Science, Technology, Engineering, and Math (STEM) to develop solutions to technological problems. Solutions will be developed using a combination of engineering software and prototype production processes. Students will use market research, cost-benefit analysis, and an understanding of the design cycle to create and present design, marketing, and business plans for their solutions.</p>	<p>Foundations of Engineering & Technology Engineering Concepts</p>

2026-2027 HCHS Course Descriptions

Physical Education

Course Name	Course Description	Pre-Requisite(s)
Health	This single-semester course is a graduation requirement and is designed to offer a practical approach to health topics that concern adolescents. The course covers knowledge and skills necessary for personal health and well-being and the prevention and treatment of injury. Additional information covered includes disease prevention, relationships, consumer health, the life cycle, and preventing abuse of tobacco, alcohol, and drugs.	
Personal Fitness	This course serves as an introduction to the role of exercise in health promotion, fitness, and performance. The course provides students with the basic knowledge and understanding that physical fitness, exercise, and diet are essential in developing and maintaining a healthy lifestyle. Students will participate in physical activities geared toward enhancing body composition, flexibility, muscular strength, muscular endurance, and cardiovascular fitness.	
Lifetime Sports	This course introduces fundamental skills, strategies, and rules associated with lifetime sports such as bowling, golf, tennis, pickleball, bocce, badminton, disc golf, and croquet.	
Team Sports	This series of elective courses provides students with an opportunity to learn the history, rules, and basic skills of the following team sports: basketball, volleyball, soccer, flag football, team handball, floor hockey, ultimate frisbee, and softball. As the courses progress, students will have an opportunity to experience team play, strategy development, and officiating techniques in each of the team sports offered.	
Weight Training	The beginning & advanced series of weight training provides students with an opportunity to apply weight training & conditioning principles at various levels. A variety of training methods may be used to address flexibility, muscular strength & endurance, cardiovascular endurance, & body composition. Personal fitness, equipment, lifting technique, nutrition, & ergogenic aid.	