



FOOTHILLS

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EDUCATION

CHARTER HIGH SCHOOL

## Course Catalog

## English

(All English courses not used to fulfill core requirements count as academic electives.)

Course Name	State Course Number	Course Description	Delivery	Credits
Ninth Grade Literature and Composition	23.06100	This course addresses strategies for reading comprehension, recognition of text structure in exposition and narrative, comprehension of different genres of text, the steps for writing an essay and applying the five-step writing process. The course also addresses basic skills in grammar, punctuation, word usage, spelling, vocabulary, and research and explains how to punctuate and manipulate sentences to produce more effective writing. <b>This course requires an EOC ASSESSMENT.</b>	GradPoint (English I)	1
Tenth Grade Literature and Composition	23.06200	This course helps students develop skills in grammar, punctuation, word usage, spelling, vocabulary and communications skills, such as giving speeches, using visual aids, and workplace communications. This course also focuses on strategies for reading comprehension, explains the writing process, helps students compose personal narratives and literary responses, and provides instruction on perspective and argument.	GradPoint (English II)	1
American Literature and Composition	23.05100	In this course, students continue to develop skills in grammar, punctuation, word usage, spelling, vocabulary, and communication. This course also teaches students about complex writing processes, types of writing, reading strategies, study skills, and modes of reasoning. Additionally, students read works from different periods of American literature and examine these texts to learn about various literary devices, forms, styles, techniques, and influences. <b>This course requires an EOC ASSESSMENT.</b>	GradPoint (English III)	1
British Literature and Composition	23.05200	In this course students continue to develop skills in grammar, punctuation, word usage, spelling, vocabulary, and communication. This course also teaches students about complex writing processes, types of writing, reading strategies, study skills, and modes of reasoning. Additionally, students read works from different periods of British literature and examine these texts to learn about various literary devices, forms, styles, techniques, and influences.	GradPoint (English IV)	1

Course Name	State Course Number	Course Description	Delivery	Credits
Mythology	23.02100	<p>Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore has been used as a way to make sense of humankind and our world.</p> <p>Beginning with an overview of mythology and different kinds of folklore, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.</p>	<p>GradPoint (Mythology &amp; Folklore: Legendary Tales)</p>	1

## Math

(All Math courses not used to fulfill core requirements count as academic electives.)

Course Name		Course Number	Course Description	Delivery	Credits
Preferred Courses	GSE Algebra I	27.09900	Algebra I is the first course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications. <b>This course requires an EOC ASSESSMENT</b>	GradPoint	1
	GSE Geometry	27.09910	Geometry is the second course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of geometry with correlated statistics applications. <b>This course requires an EOC ASSESSMENT</b>	GradPoint	1
	GSE Algebra II	27.09920	Algebra II is the culminating course in a sequence of three high school courses designed to ensure career and college readiness. It is designed to prepare students for fourth course options relevant to their career pursuits.	GradPoint	1
	GSE Pre-Calculus	27.09740	Pre-Calculus is a fourth mathematics course designed to prepare students for calculus and other college level mathematics courses. This course meets the HOPE Rigor requirement.	GradPoint (Georgia CCGPS Pre-calculus)	1
	Mathematics of Finance	27.08700	Mathematics of Finance concentrates on the mathematics necessary to understand and make informed decisions related to personal finance. The mathematics in the course will be based on many topics in prior courses; however, the specific applications will extend the student's understanding of when and how to use these topics.	GradPoint (Math of Finance)	1

Course Name		Course Number	Course Description	Delivery	Credits
	Statistical Reasoning	27.08800	Statistical Reasoning is a fourth mathematics course option. Students will formulate statistical questions to be answered using data, will design and implement a plan to collect the appropriate data, will select appropriate graphical and numerical methods for data analysis, and will interpret their results to make connections with the initial question. This course meets the HOPE Rigor requirement.	GradPoint (Statistics)	1
CCGPS Track Phasing Out	Coordinate Algebra	27.09710	Coordinate Algebra is the first in a sequence of three high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications and a bridge to the second course through coordinate geometric topics. <b>This course requires an EOC ASSESSMENT.</b>	GradPoint Georgia CCGPS Coordinate Algebra A	1
	Analytic Geometry	27.09720	Analytic Geometry is the second course in a sequence of three high school courses designed to ensure career and college readiness. The course embodies a discrete study of geometry analyzed by means of algebraic operations with correlated probability/statistics applications and a bridge to the third course through algebraic topics. <b>This course requires an EOC ASSESSMENT.</b>	GradPoint Georgia CCGPS Analytic Geometry	1
	Advanced Algebra	27.09730	Advanced Algebra is the culminating course in a sequence of three high school courses designed to ensure career and college readiness. It is designed to prepare students for fourth course options relevant to their career pursuits. This course meets the HOPE Rigor requirement.	GradPoint Georgia CCGPS Advanced Algebra	1
Integrated Track Phasing Out	Math I	27.08100		GradPoint (Integrated Math 1)	1
	Math II	27.08200		GradPoint (Integrated Math 2)	1
	Math III	27.08300		GradPoint (Integrated Math 3)	1

## Science

(All Science courses not used to fulfill core requirements count as academic electives.)

Course Name	Course Number	Course Description	Delivery	Credits
Biology	26.01200	This course addresses key concepts and processes from chemistry, cells, cellular respiration, photosynthesis, genetics, and DNA. The scientific method and foundational chemistry facts are presented to assist students in the study of biology. This course also addresses key concepts and processes of evolution, classification, ecology, and human anatomy. An overview of human body systems, as well as, defining structures of bacteria, protists, fungi, plants, and animals are also explored. <b>This course requires an EOC ASSESSMENT.</b>	GradPoint (Biology)	1
Environmental Science	26.06110	This course presents relationships between organisms and how these relationships relate to the functioning of ecosystems. Students learn the key concepts and processes of nutrient cycling, biomes, pollution, energy resources, and habitat destruction. The course also covers ways to promote biodiversity and create a sustainable future.	GradPoint	1
Human Anatomy / Physiology	26.07300	Students learn about anatomical structures and physiology of the human body. Body systems are discussed in terms of how each participates in homeostasis of the body. Students learn about selected major pathologies, including causes, symptoms, diagnostic procedures, and treatments, as well as common changes that occur through the life span. This course meets the HOPE Rigor requirement.	GradPoint (Anatomy & Physiology and Human Diseases)	1

Course Name	Course Number	Course Description	Delivery	Credits
Chemistry	40.05100	This course addresses key concepts and processes from states of matter, atomic theory, organization of the periodic table, types of chemical bonds and reactions, the naming and formulas of chemicals, chemical reactions, and stoichiometry. The field of chemistry in relation to the scientific method is also explained. This course also addresses properties of solids, liquids, and gases, state changes, solutions, flow of energy, enthalpy, heat, entropy and free energy, rates of reactions, equilibrium, acid-base theories, oxidation and reduction, electromagnetic cells, functional groups, polymerization, biochemicals, and nuclear chemistry. The course explores concepts through lessons and lab videos. This course meets the HOPE Rigor requirement.	GradPoint	1
Earth Systems	40.06400	This course addresses major concepts such as the materials which compose Earth, the rock cycle and types of rocks, Earth's resources, formation and movement of soil, glaciers, deserts, and alluvial landscapes, earthquakes, volcanoes, plate tectonics, mountain building, and geologic time. This course also covers concepts such as the ocean floor, seafloor sediments, waves, tides, and shoreline processes, characteristics of the atmosphere, precipitation, air pressure and wind, storms, climate, early astronomy, Earth-Moon-Sun interactions, and Solar System. Laboratory concepts appear in videos, careers in Earth Science are explored, and key scientists are called out through portraits and biographies.	GradPoint (Earth Science)	1
Physical Science	40.01100	This course addresses key chemistry concepts and processes from properties and states of matter, atomic structure, organization of the periodic table, types of chemical bonds and reactions, solutions, carbon chemistry, and nuclear chemistry. This course also addresses key physics concepts and processes from force and motion, work, power, machines, energy, optics, electricity, and magnetism. Concepts are explored through animations and videos and will assist students in advanced chemistry and physics courses. <b>This course requires an EOC ASSESSMENT.</b>	GradPoint (Physical Science)	1

Course Name	Course Number	Course Description	Delivery	Credits
Physics	40.08200	This course addresses concepts of mechanics, wave behavior, and thermodynamics, Newton's laws of motion, thermal properties of matter, and thermodynamic systems. This course also contains lessons on electricity, magnetism, optics, the interactions among electric charges, properties of electric and magnetic fields and forces, and the characteristics of electromagnetic waves. Some of the basic concepts of quantum physics are presented as well. An understanding of Algebra and Trigonometry is required. This course meets the HOPE Rigor requirement.	GradPoint (Physics)	1

## Social Studies

(All Social Studies courses not used to fulfill core requirements count as academic electives.)

Course Name	Course Number	Course Description	Delivery	Credits
American Government / Civics	45.05700	This course provides students with a background in the philosophy, functions, and structure of the United States government. Students examine the philosophical foundations of the United States government and how that philosophy developed. Students also examine the structure and function of the United States government and its relationship to states and citizens.	GradPoint	1
World History	45.08300	This course provides students with a comprehensive, intensive study of major events and themes in world history. Students begin with a study of the earliest civilizations worldwide and continue to examine major developments and themes in all regions of the world. The course culminates in a study of change and continuity and globalization at the beginning of the 21st century.	GradPoint	1
United States History	45.08100	This course provides students with a comprehensive, intensive study of major events and themes in United States history. Beginning with early European colonization, the course examines major events and themes throughout United States history. The course concludes with significant developments in the early 21st century. <b>This course requires an EOC ASSESSMENT.</b>	GradPoint	1
Economics	45.06100	This course provides students with a basic foundation in the field of economics. The course has five sections: fundamental concepts, microeconomics, macroeconomics, international economics, and personal finance. In each area, students are introduced to major concepts and themes concerning that aspect of economics. <b>This course requires an EOC ASSESSMENT.</b>	GradPoint	1
Sociology	45.03100	Students examine the sociological processes that underlie everyday life, focusing on globalization, cultural diversity, critical thinking, new technology, and the growing influence of mass media.	GradPoint (Introduction to Sociology)	1

## Foreign Language

(All Foreign Language courses not used to fulfill core requirements count as academic electives.)

Course Name	Course Number	Course Description	Delivery	Credits
Spanish I	60.07100	Students will learn basic Spanish grammar to help build their fluency and understanding. There are many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, listening, and speaking exercises.	GradPoint (Spanish I (Prescriptive path))	1
Spanish II	60.07200	The purpose of this course is to strengthen Spanish listening, speaking, reading, and writing skills. Students will also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world. Prerequisites: Spanish I	GradPoint (Spanish II) & Discovery Learning	1

## Health and PE

Course Name	Course Number	Course Description	Delivery	Credits
Personal Fitness	36.05100	Students will start by assessing their physical condition. They will keep a workout log to measure progress. In addition, they will have a great personal trainer (their teacher) who will help them set realistic goals.	GradPoint/ Teacher	0.5
Health	17.01100	Students will acquire basic personal health concepts that help maintain healthy behaviors and prevent disease. High school students will demonstrate patterns of healthy behaviors to prevent or reduce the risk of injury and/or illness throughout their lifespan. Students will describe the interrelationships of emotional, physical, social, and intellectual health and how each aspect of health can be impacted by their surroundings. Students will evaluate established health behavior theories and models.	GradPoint/ Teacher	0.5
NOTE: Three (3) units of transfer credit in JROTC from an accredited high school may be used to satisfy these requirements.				

## CTAE

Course Name	Course Number	Course Description	Delivery	Credits
Introduction to Business and Technology	07.44130	<p>The intention of this course is to prepare students to be successful both personally and professionally in an information-based society. Students will not only understand the concepts, but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the business world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. After mastery of the standards in this course, students should be prepared to earn an industry recognized credential: Microsoft Office Specialist for Word Core Certification.</p>		1
Business and Technology	07.44100	<p>Business and Technology is designed to prepare students with the knowledge and skills to be an asset to the collaborative, global, and innovative business world of today and tomorrow. Mastery use of spreadsheets and the ability to apply leadership skills to make informed business decisions will be a highlight of this course for students. Publishing industry appropriate documents to model effective communication and leadership will be demonstrated through project based learning. Students will use spreadsheet and database software to manage data while analyzing, organizing, and sharing data through visually appealing presentation.</p> <p>Business and Technology is the second course in the Business and Technology pathway in the Business Management and Administration cluster. After mastery of the standards in this course, students should be prepared to earn an industry recognized credential: Microsoft Office Specialist for Excel Core Certification. Prerequisite: Introduction to Business and Technology</p>		1

Course Name	Course Number	Course Description	Delivery	Credits
Business Communications	07.45100	Business Communications is the third course in the Business and Technology pathway in the Business Management and Administration cluster. Students enrolled in this course should have successfully completed Introduction to Business and Technology and Business and Technology. After mastery of the standards in this course, students should be prepared to take the end of pathway assessment in this career area: Microsoft Office Specialist for PowerPoint Core Certification.		1
Principles of Accounting I	07.41100	This course provides students with an introduction to accounting concepts and principles, financial statements, internal control design, and accounting for partnerships.	GradPoint (Accounting I)	0.5
Principles of Accounting II	07.41200	The student will build upon knowledge gained in Accounting I and continue to explore topics such as corporate accounting and financial statements, long-term liabilities, cash flow, financial statement analysis, managerial accounting, budgeting, and using financial data to make business decisions.	GradPoint (Accounting II)	0.5
Financial Literacy	07.42600	This course is specifically designed for high school students to understand the importance of the financial world, including planning and managing money wisely. Areas of study taught through application in personal finance include sources of income, budgeting, banking, consumer credit, credit laws and rights, personal bankruptcy, insurance, spending, taxes, investment strategies, savings accounts, mutual funds and the stock market, buying a vehicle, and living independently. Financial Literacy places great emphasis on problem solving, reasoning, representing, connecting and communicating financial data.	Dave Ramsey Program	1
Work-Based Learning				