



COASTAL PLAINS

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 engages students in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing.	Edgenuity	1
Tenth Grade Literature and Composition	23.06200	Focused on application, this course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As these units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary.	Edgenuity	1
American Literature and Composition	23.05100	This course invites students to delve into American literature from early American Indian voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. This course requires an EOC ASSESSMENT.	Edgenuity	1
British Literature and Composition	23.05200	This course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period. With interactive introductions and historical contexts, this course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.	Edgenuity	1
Advanced Composition	23.03400	This course equips students to critically analyze all forms of literature in order to comment insightfully about an author's or genre's use of style or literary device. Students will also interpret meaning based on form; examine the trademark characteristics of literary genres and periods; and critique literary works through expository, analytical, and argumentative essays. As students consider styles and devices, they will apply them to their creative writing.	Edgenuity	1

Math

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

Course Name	State Course Number	Course Description	Delivery	Credits
Algebra: Concepts and Connections	27.08110	<p>This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.</p> <p>This course requires an EOC ASSESSMENT</p>	Edgenuity	1
Geometry: Concepts and Connections	27.08210	<p>This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.</p>	Edgenuity	1
Advanced Algebra: Concepts and Connections	27.08310	<p>This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically</p>	Edgenuity	1
Advanced Financial Algebra	27.08430	<p>Advanced Financial Algebra is a fourth-year mathematics course designed for students who have successfully completed Algebra II. The course extends and deepens student understanding of algebra, statistics, and research design while introducing students to relevant financial and business applications.</p>	Edgenuity	1

Pre-Calculus	27.08410	With an emphasis on function families and their representations, Pre-calculus is a thoughtful introduction to advanced studies leading to calculus. The course briefly reviews linear equations, inequalities, and systems and moves purposefully into the study of functions. Students then discover the nature of graphs and deepen their understanding of polynomial, rational, exponential, and logarithmic functions. Scaffolding rigorous content with clear instruction, the course leads students through an advanced study of trigonometric functions, matrices, and vectors. The course concludes with a short study of probability and statistics.	Edgenuity	1
College Readiness Mathematics	27.08900	College Readiness Mathematics is a fourth course option for students who have completed Algebra: Concepts and Connections, Geometry: Concepts and Connections, and Advanced Algebra: Concepts and Connections, but are still struggling with high school mathematics standards essential for success in first year post-secondary mathematics courses required for non-STEM majors. The course has been approved by the University System of Georgia as a fourth mathematics course beyond Advanced Algebra: Concepts and Connections for non-STEM majors, so the course will meet the needs of college bound seniors who will not pursue STEM fields. 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. Students are required to complete a Capstone Project as a part of this course.	Edgenuity	1
Foundations of Algebra	27.04810	This course 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 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.	Edgenuity	1
Statistical Reasoning	27.08800	This fourth-year high school math option provides a comprehensive introduction to data analysis and statistics. Students begin by reviewing familiar data displays through a more sophisticated lens before diving into an in-depth study of the normal curve. They then study and apply simple linear regression and explore sampling and experimentation. Next, students review probability concepts and begin a study of random variables. Later topics also include sampling distributions, estimating and testing claims about proportions and means, and inferences and confidence intervals.	Edgenuity	1

Science

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

Course Name	State Course Number	Course Description	Delivery	Credits
Physical Science	40.01100	This course focuses on basic concepts in chemistry and physics and encourages exploration of new discoveries in the field of physical science. The course includes an overview of scientific principles and procedures and has students examine the chemical building blocks of our physical world and the composition of matter. Additionally, students explore the properties that affect motion, forces, and energy on Earth. Building on these concepts, the course covers the properties of electricity and magnetism and the effects of these phenomena. As students refine and expand their understanding of physical science, they will apply their knowledge to complete interactive virtual labs that require them to ask questions and create hypotheses.	Edgenuity	1
Biology	26.01200	This course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This course encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes virtual science labs. This course requires an EOC ASSESSMENT.	Edgenuity	1
Chemistry	40.05100	This course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes virtual laboratory experiments that encourage higher-order thinking applications. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.	Edgenuity	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.	Edgenuity	1
Environmental Science	26.06110	Environmental science is a captivating and rapidly expanding field. This course offers compelling lessons that cover many aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the course.	Edgenuity	1

Food Science	20.41810	This course that explores the history and evolution of food products, along with the processing methods that have arisen to feed an ever-growing world population. Students study specifics in a wide spectrum of food product topics, from early methods of preservation to technological advancements in packaging, regulations in labeling, and marketing trends. Students learn industry terminology in each area of the overall system, from “farm to fork” to vertical integration to smart packaging	Edgenuity	1
Anatomy and Physiology	26.07300	This course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic medical terminology as well as human reproduction and development.	Edgenuity	1
Physics	40.08200	This course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world.	Edgenuity	1

Social Studies

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

Course Name	State Course Number	Course Description	Delivery	Credits
American Government / Civics	45.05700	The government 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.	Edgenuity	1
Personal Finance & Economics	45.06100	This course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples.	Edgenuity	1
United States History	45.08100	The high school United States history course provides students with a survey of major events and themes in United States history. The course begins with English settlement and concludes with significant developments in the early 21st Century. This course requires an EOC ASSESSMENT.	Edgenuity	1
World Geography	45.07110	The world geography course provides students with an analytical view of how geographic factors have and continue to influence human behavior on the earth. Students will examine how the physical and cultural geographic factors contribute to varying levels of cooperation within the major world regions. Additionally, students will examine the importance that political, environmental, and economic factors have in a region's development.	Edgenuity	1
World History	45.08300	The high school world history 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.	Edgenuity	1

Health and PE

Course Name	State Course Number	Course Description	Delivery	Credits
Personal Fitness	36.05100	Introduces instruction in methods to attain a healthy level of physical fitness; implements a lifetime fitness program based on a personal fitness assessment and stresses strength, muscular endurance, flexibility, body composition, and cardiovascular endurance; includes instruction in fitness principles, nutrition, fad diets, weight control, stress management, adherence strategies, and consumer information; and promotes self-awareness and responsibility for fitness.	Edgenuity	0.5
Health	17.01100	This high-school health offering examines and analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships and mental health in the context of the importance of creating a healthy lifestyle. Throughout the course, students examine practices and plans they can implement in order to carry out a healthy lifestyle, and the consequences they can face if they do not follow safe practices. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. Students also examine and analyze harassment and bullying laws. This course takes covers issues of sex and gender identity, same-sex relationships, contraception, and other sensitive topics	Edgenuity	0.5
Mental and Social Health	17.01200	Encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, this course provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns. Designed for high school students, this informative and engaging course encourages students to recognize that they have the power to choose healthy behaviors to reduce risks.	Edgenuity	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	State Course Number	Course Description	Delivery	Credits
Introduction to Business and Technology	07.44130	Intention of course is to prepare students to be successful both personally and professionally in an information-based society	Edgenuity	1
Business and Technology	07.44100	This course 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.	Edgenuity	1
Business Communications	07.45100	This is the 3rd course in the Business & Technology pathway. Students must have successfully completed the Intro to Business and the Business & Technology course prior to enrolling in Business Communications.	Edgenuity	1
Basic Agricultural Science	02.47100	This course introduces students to the basic scientific principles of agriculture and natural resources. Students recognize and research plant systems, animal systems, government policy, “green” technologies, agribusiness principles, and sustainability systems.	Edgenuity	1
Computer Science Principles	11.47100	Students will explore the foundations of computer science using videos, hands-on activities, programming, investigations, and projects. They will experience much of what computer programmers do in planning, developing, testing, and refining software. Security is a key topic, and students will learn techniques for recognizing and guarding against security threats. Interwoven throughout the course are spotlights on a wide variety of careers and roles in computer science.	Edgenuity	1
General Horticulture & Plant Science	01.46100	This course introduces students to the basics of plant biology, soil science, agriculture, and horticulture, along with the environmental management practices involved in each, including integrated pest management, biotechnology, growth techniques, and crop management.	Edgenuity	1
Animal Science Technology Biotechnology	02.42100	This course that provides students with a wealth of information on livestock-management practices, animal husbandry, physiological systems, the latest scientific trends, veterinary practice, and innovations in food production. Changes in practices, regulations, and legislation for animal welfare continue as new research provides solutions to medical, ethical, and practical concerns.	Edgenuity	1
Agricultural Mechanics Technology I	01.42100	This course provides students with an understanding of the field of agriculture power and introduces them to concepts associated with producing the food and fiber required to meet today’s and tomorrow’s needs. Students are given the opportunity to explore agriculture machinery, as well as structures and technological concepts.	Edgenuity	1
Examining the Teaching Profession	13.01100	This course introduces students to the field of education and training, and the opportunities available for early-childhood through adult and continuing education. Students gain an understanding of the career options available in teaching, administrative work, and support services.	Edgenuity	1
Financial Literacy	07.42600	Designed for HS students to understand the importance of the financial world, including planning and managing money wisely.	Edgenuity	1

Food Science	20.41810	This course that explores the history and evolution of food products, along with the processing methods that have arisen to feed an ever-growing world population. Students study specifics in a wide spectrum of food product topics, from early methods of preservation to technological advancements in packaging, regulations in labeling, and marketing trends. Students learn industry terminology in each area of the overall system, from “farm to fork” to vertical integration to smart packaging	Edgenuity	1
Work-Based Learning	Custom Number	Work-Based Learning Programs (WBL) is a continuum of awareness, exploration, preparation, and training activities, including developing employability and technical skills that support success in careers and postsecondary education.	Google Classroom	1

Foreign Language

Course Name	State Course Number	Course Description	Delivery	Credits
American Sign Language I	64.03100	This beginning of this full-year course will introduce students to vocabulary and simple sentences, so that students can start communicating right away. Importantly, students will explore Deaf culture: social beliefs, traditions, history, values and communities influenced by deafness.	Edgenuity	1
American Sign Language II	64.03200	In this course, students will build on the skills they learned in American Sign Language 1 and explore the long and rich history of Deaf culture and language. Students will grow their sign vocabulary and improve their ability to interact using facial expressions and body language.	Edgenuity	1
Chinese I	62.01100	Students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries.	Edgenuity	1
Chinese II	62.01200	Students continue their introduction to Chinese in this second-year course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries	Edgenuity	1

French I	60.01100	Students begin their introduction to French with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and across the globe	Edgenuity	1
French II	60.1200	Students continue their introduction to French in this second year, high school language course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major French speaking areas across the globe, and assessments.	Edgenuity	1
French III	60.01300	In this expanding engagement with French, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in French and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major French-speaking areas in Europe and the Americas.	Edgenuity	1
German I	61.01100	Students begin their introduction to German with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering major German-speaking areas in Europe.	Edgenuity	1
German II	61.01200	Students continue their introduction to German in this second-year course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering major German-speaking areas in Europe.	Edgenuity	1
Latin I	61.04100	Students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.	Edgenuity	1

Latin II	61.04200	Students continue their introduction to Latin by continuing to cover the fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, a notable ancient myth in Latin, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments.	Edgenuity	1
Spanish I	60.07100	Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.	Edgenuity	1
Spanish II	60.07200	High school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments.	Edgenuity	1
Spanish III	60.07300	In this expanding engagement with Spanish, students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.	Edgenuity	1

Other / Electives

Course Name	State Course Number	Course Description	Delivery	Credits
Introduction to Sociology	45.03100	Providing insight into the human dynamics of our diverse society, this is an engaging course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the	Edgenuity	1

		sociology of public institutions, and collective human behavior, both historically and in modern times.		
Personal Financial Literacy	45.06700	Financial literacy describes the skills needed for understanding the interactions of people with money and related matters. This course is designed to help students develop that understanding by describing, analyzing, and evaluating many financial topics that most students will directly experience.	Edgenuity	1
Tools for College Success	35.06700	Social and Emotional Learning is an integral part of education and human development. This course promotes the integration of social and emotional learning into the school setting and gives educators opportunities to connect with students through facilitating activities and participating in conversations that can promote and improve self-awareness, self-management, social-awareness, relationship skills, and responsible decision-making.	Edgenuity	.5