

McEachern High School Course Catalog

Home of the Indians!



GRADUATION REQUIREMENTS

AREAS OF STUDY	REQUIREMENTS		
English/Language Arts <u>4 Units</u>	9th Lit/Comp, World Lit/Comp, American Lit/Comp , 12th Advanced Composition OR any AP, IB, or Postsecondary English Option		
Mathematics <u>4 Units</u>	<ul style="list-style-type: none"> • GSE Algebra or Honors Algebra • GSE Geometry or Honors Geometry • Advanced Algebra or Honors Advanced Algebra • Pre-Calculus or AP Calculus • Or Additional Core units from approved Georgia DOE list of GPS/AP/IB designated courses <p><i>Please contact your counselor for your individual graduation plan of required sequence of math courses.</i></p>		
Science <u>4 Units</u>	Biology , Physics or Physical Science, either Chemistry, Earth Systems, Environmental Science or an AP/IB course, and 1 additional Science unit (approved Georgia DOE list of AP/IB designated courses and/or approved CTAE courses for Science credit)		
Social Studies <u>3 Units</u>	World History, US History , Government & Economics		
Health/Physical Education <u>1 Unit</u>	Personal Fitness (.5) Health (.5) (3 Units of JROTC may be used to meet the requirement)		
CTAE and/or Fine Arts and/or World Language <u>3 Units</u>	<i>Students planning to enter or transfer into a University System of Georgia institution or other post-secondary institution must complete two units of the same World Language.</i>		
Electives <u>4 Units</u>	State of Georgia requires 4 additional electives.		
TOTAL REQUIRED	23 UNITS/CREDITS		
PROMOTION & RETENTION	From Grade 9 to 10 5 Units/Credits	From Grade 10 to 11 10 Units/Credits	From Grade 11 to 12 16 Units/Credits
	<i>For Grade Level Promotion - Students must pass 1 of each (English, Math & Science) in 9th Grade, and 2 of each (English, Math & Science) in 10th Grade for Promotion.</i>		

- **EOC Class** - End of Course Exam - Accounts for 20% of Final Course Grade
- Grades earned in ALL core courses will be calculated for awarding HOPE & Zell Miller Scholarships.
- State and local requirements may not include all course requirements for admission to some colleges and universities; therefore, it is recommended that students contact specific institutions for their course requirements or recommendations for admissions.

Grading Scale: A = 90 - 100, B = 80 - 89, C = 74 - 79, D = 70 - 73, F = 0 - 69

SPECIAL EDUCATION

Students receiving services through the special education department have had an Individualized Education Plan (IEP) developed to meet their educational needs. Each student should complete their registration form with the help of their case manager to ensure requirements in the IEP are met.

ENGLISH/LANGUAGE ARTS

Course Name/Description	Course Number	Credit	Prerequisite
<p>9th Lit & Composition (Y) A study of literary genres and informational texts; students develop initial understanding of both the structure and the meaning of a literary work. Students explore the effect of the literary form in regard to interpretation, read across the curriculum to develop academic and personal interests in different subjects, demonstrate competency in a variety of writing genres: argumentative, informational/expository, and narrative, engage in research, timed writings, and the writing process. Instruction in language conventions occur within the context of reading, writing, and speaking, rather than in isolation. <i>Georgia Milestone - EOC Course</i></p>	23.0610011	1.0	None
<p>Honors 9th Lit & Composition (Y) This course focuses on a study of literary genres and informational texts. Students develop initial understanding of both the structure and the meaning of a literary work and explore the effect of the literary form in regard to interpretation. Students will also read across the curriculum to develop academic and personal interests in different subjects. In conjunction with reading skills, students will demonstrate competency in a variety of writing genres: argumentative, informational, and narrative. They will also engage in research, timed writings, and the writing process. Instruction in language conventions will occur within the context of reading, writing, and speaking, rather than in isolation. Students will also demonstrate an understanding of speaking and listening for a variety of purposes. <i>Georgia Milestone - EOC Course</i></p>	23.0610003 Extra GPA Quality Point: 0.50	1.0	None
<p>World Lit & Composition (Y) Focuses on a study of world literature & informational texts. Students develop an understanding of chronological context and the relevance of period structures in literature within world cultures. A focus is to explore the ways the work's place of origin affects its structure and how the chronology of a literary work affects its meaning. Students develop an understanding of literature as both a culture's product and a culture-bearer. Students explore differences and commonalities among works of literature from different times and places in the world. Students will read across the curriculum to develop academic and personal interests in different subjects.</p>	23.0630011	1.0	2nd Year Student
<p>Honors World Lit & Composition (Y) An accelerated college prep course designed for the student who has a serious interest in interpreting literature. It includes literary selections from the entire world of writers to promote proficiency through a variety of writing styles. It stresses organization and development of written thought. It includes grammar, mechanics and usage, and research skills and activities designed to enhance speaking and listening abilities.</p>	23.0630003 Extra GPA Quality Point: 0.50	1.0	2nd Year Student

<p>American Lit & Composition (Y) The study of American literature and informational texts, writing modes and genres, and essential conventions for reading, writing, and speaking. Students read a variety of informational and literary texts in all genres and modes of discourse. Reading across the curriculum develops students' academic and personal interests in different subjects. While expository writing is the focus in American literature, students will also demonstrate competency in argumentative and narrative genres. Students will engage in research, timed writing, and the writing process. Instruction in language conventions will occur within the context of reading, writing, and speaking. <i>Georgia Milestone - EOC Course</i></p>	23.0510011	1.0	3rd Year Student
<p>Honors American Lit & Composition (Y) A semester length course designed to teach students the fundamental texts, themes, and movements of American literature. While studying these foundational works, students can become more proficient in reading, writing, grammar, presenting, and research. In the Honors course, students will read several whole novels and work on increasingly challenging writing tasks culminating with a research paper. <i>Georgia Milestone - EOC Course</i></p>	23.0510003 Extra GPA Quality Point: 0.50	1.0	3rd Year Student
<p>AP English Language & Composition (Y) Focuses on subject, occasion, audience, purpose, speaker, and tone as the guide for effective writing, as well as the way generic conventions and resources of language contribute to writing effectiveness. Students will compose a variety of writings, including expository, analytical, and argumentative writings which support the academic and professional communication required by colleges; and personal and reflective writings which support the development of writing facility in any context. Students will produce responses to timed writing assignments, as well as writing that proceeds through several stages or drafts, which include opportunities for revision guided by feedback from teacher and peers. Students will analyze primary and secondary sources and develop the research skills needed to effectively synthesize these sources for writings.</p>	23.0530095 Extra GPA Quality Point: 1.0	1.0	3rd Year Student
<p>Multicultural Lit & Composition (Y) Focuses on world literature and informational texts by and about people of diverse ethnic backgrounds. Students explore themes of linguistic and cultural diversity by comparing, contrasting, analyzing, and critiquing writing styles and universal themes. Students write argumentative, expository, narrative, analytical, and response essays. A research component is critical. Students observe and listen critically and respond appropriately to written and oral communication. Conventions are essential for reading, writing, and speaking. Instruction in language conventions will, therefore, occur within the context of reading, writing, and speaking rather than in isolation. The students understand and acquire new vocabulary and use it correctly in reading, writing, and speaking.</p>	23.0670011	1.0	4th Year Student

<p>Advanced Composition/Dramatic Writing for Film, Television & Theatre (Y) Applies skills to culminate in creating and developing dramatic writing for theatrical media with special emphasis on film and TV. Includes development of "writerly stance" by reading, viewing, and analyzing texts and visual media from a writer's point of view, with focus on understanding the construction process and applying the conventions of standard English grammar and usage. <i>Course receives dual credit. Counts as a 4th Language Arts core requirement and a Fine Arts elective. Appears on schedules/transcripts as Advanced Composition in the Language Arts category and as Dramatic Writing for Film, Television, and Theatre in the Fine Arts category.</i></p>	<p>23.0340011 52.0920099</p>	<p>1.0</p>	<p>4th Year Student</p>
<p>AP English Literature & Composition (Y) An intensive study of representative works from various literary genres and periods. Focus is on the complexity and thorough analysis of literary works. Students explore the social and historical values that works reflect and embody. The textual detail and historical context provide the foundation for interpretation: the experience of literature, the interpretation of literature, and the evaluation of literature. Writing to evaluate a literary work involves making and explaining judgments about its artistry and exploring its underlying social and cultural values through analysis, interpretation, and argument Writers develop stylistic maturity: strong vocabulary, sentence variety, and effective use of rhetoric to maintain voice.</p>	<p>23.0650095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>4th Year Student</p>
<p>Mythology (Y) Introduces the importance of myths and tales of classical mythology, focusing on a comparative study of plot, characters, themes, and figurative devices. Emphasizes: critical and analytical skills, vocabulary development, a study of influences of Greek, Roman, and Norse word origins on the English language, and composition. The study of the relationship between people and their societies is a major emphasis, along with the impact of mythology on the literary world.</p>	<p>23.0210011</p>	<p>1.0</p>	<p>2nd, 3rd, or 4th Year Student</p>
<p>Public Speaking - Speech/Forensics (Y) A detailed study of forensic speaking including oration, extemporaneous speaking, interpretation of literature, and debate. There is an emphasis on understanding various forensic speaking formats and the importance of applying reasoning, research, and delivery skills. Critical thinking is incorporated.</p>	<p>23.0460011</p>	<p>1.0</p>	<p>2nd, 3rd, or 4th Year Student</p>
<p>Journalism/Annual I (Y) A study of literary genres and informational text. Students develop initial understanding of both the structure and the meaning of a literary work. Students explore the effect of the literary form in regard to interpretation, read across the curriculum to develop academic and personal interests in different subjects, demonstrate competency in a variety of writing genres: argumentative, informational-expository, and narrative, engage in research, timed writings, and the writing process. Instruction in language conventions occurs within reading, writing, and speaking contexts.</p>	<p>23.0320011</p>	<p>1.0</p>	<p>Application Required (See Ms. Chandler - Senior Hall Room #105)</p>
<p>Journalism/Annual II (Y) Offers an advanced study of journalistic writing. Skills from Journalism I are continued as students focus on a more intense analysis of print and broadcast journalism. Requires critical thinking and in-depth writing as related to newspaper, yearbook and/or literary magazine. Students will be expected to gain more independence in the daily tasks of producing a publication.</p>	<p>23.0330011</p>	<p>1.0</p>	<p>Journalism I Application Required (See Ms. Chandler - Senior Hall Room #105)</p>

MATHEMATICS

Course Name/Description	Course Number	Credit	Prerequisite
<p>Foundations of Algebra (Y) 1st year math course option for students who need support to bolster success in high school math. Revisits and expands the understanding of foundational algebra concepts, employs diagnostic means to offer focused interventions, and incorporates varied instructional strategies to prepare students for required high school math courses by emphasizing both algebra in a variety of contexts including number sense, proportional reasoning, quantitative reasoning with functions, and solving equations and inequalities.</p>	27.0481011	1.0	None
<p>Algebra I (Y) is the first course in a sequence of three high school courses designed to ensure career and college readiness. 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.</p>	27.0811011	1.0	None
<p>Honors Algebra (Y)</p>	27.0811003	1.0	
<p>Geometry Support (Y) Purpose is to address the needs of students who've traditionally struggled in math by providing the additional time and attention they need to successfully complete their regular grade-level math course. Geometry Support is classified as an elective class toward meeting graduation requirements.</p>	27.0822011	1.0	Algebra I
<p>Geometry (Y) is the second course in a sequence of three high school courses designed to ensure career and college readiness. 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</p>	27.0821011	1.0	Algebra I

<p>Honors Geometry (Y) 2nd course in a sequence of honors courses designed to ensure students are prepared to take higher level math courses during their high school. Course contains all the standards as the on-level course with a few additional standards and more depth of knowledge. Course is intended for students who completed Algebra I in the 8th grade or excelled in Algebra I in 9th grade.</p>	<p>27.0821003 Extra GPA Quality Point: 0.50</p>	<p>1.0</p>	<p>Algebra I</p>
<p>Advanced Algebra (Y) is the third course in a sequence of courses designed to ensure career and college readiness. It is intended to prepare students for fourth mathematics course options relevant to their postsecondary pursuits. High school course content standards are listed by big idea, including Data and Statistical Reasoning, Probabilistic Reasoning, Functional and Graphical Reasoning, Patterning and Algebraic Reasoning, and Geometric and Spatial Reasoning.</p>	<p>27.0831011</p>	<p>1.0</p>	<p>Algebra I & Geometry</p>
<p>Honors Advanced Algebra (Y) 3rd course in a sequence of honors courses designed to ensure students are prepared to take higher level math courses during high school. Course contains all the standards as the on-level course with a few additional standards and more depth of knowledge.</p>	<p>27.0831003 Extra GPA Quality Point: 0.50</p>	<p>1.0</p>	<p>Algebra I & Geometry</p>
<p>Advanced Financial Algebra (Y) is a fourth-year mathematics course option designed for students who have successfully completed Advanced Algebra: Concepts and Connections. The course extends and deepens student understanding of algebra, statistics, and research design while introducing students to relevant financial and business applications. Students will create, apply, and interpret a wide variety of algebraic function models to aid in real-world decision making. Statistical research and analysis will be used to determine the efficacy of model applications and further assist in exploring scenarios with financial implications. Financial contexts for these mathematical concepts will include business operations and optimization, tax considerations, insurance and risk management, banking services, budget creation, loan and credit analysis, investment strategies and retirement plans, stock market performance, real estate fundamentals, and automobile ownership.</p>	<p>27.0843011</p>	<p>1.0</p>	<p>Algebra I, Geometry & Algebra II</p>
<p>Statistical Reasoning (Y) course offers students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical investigative 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. The Mathematical Modeling and Statistical Reasoning Frameworks will provide the foundation for instruction and assessment. Topics should be introduced and assessed using simulations and appropriate supporting technology.</p>	<p>27.0880011</p>	<p>1.0</p>	<p>Algebra I, Geometry & Algebra II</p>
<p>AP Statistics (Y) Students learn about the major concepts and tools used for collecting, analyzing, and drawing conclusions from data, as well as explore statistics through discussion and activities. Students design surveys and experiments. Students discuss exploratory analysis, planning a study, probability, and statistical inference.</p>	<p>27.0740095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Algebra I, Geometry & Algebra II</p>

<p>Pre-Calculus (Y) is a fourth-year mathematics course option for students who have completed Advanced Algebra: Concepts and Connections (or the equivalent). The course is intended to provide students with opportunities to develop a deeper understanding of Algebraic concepts that are critical to the study of Calculus. Students will also deepen their understanding of trigonometry and its applications.</p>	<p>27.0841011</p>	<p>1.0</p>	<p>Algebra I, Geometry & Algebra II</p>
<p>AP Pre-Calculus (Y)</p>	<p>27.0741095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Algebra I, Geometry & Algebra II</p>
<p>Calculus (Y) is a fourth-year mathematics course option for students who have completed Precalculus or the Enhanced Advanced Algebra Concepts and Connections and Precalculus course. The course provides students with the opportunity to develop an understanding of the derivative and its applications as well as the integral and its applications. Throughout the course there should be a focus on notational fluency and the use of multiple representations.</p>	<p>27.0780003</p>	<p>1.0</p>	<p>Algebra I, Geometry, Algebra II & Pre-Calculus</p>
<p>AP Calculus AB (Y) Follows the College Board syllabus for the AP Calculus AB Exam. Includes properties of functions and graphs, limits and continuity, differential and integral calculus.</p>	<p>27.0720095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Algebra I, Geometry, Algebra II & Pre-Calculus</p>
<p>AP Calculus BC (Y) Follows College Board topics for the AP Calculus BC Exam. Covers vector functions, parametric equations, conversions, parametrically defined curves, tangent lines, and sequence and series.</p>	<p>27.0730095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Algebra I, Geometry, Algebra II, Acc Pre-Calculus & AP Calculus AB</p>

SCIENCE

Course Name/Description	Course Number	Credit	Prerequisite
<p>Biology I (Y) 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 will investigate biological concepts through experience in laboratories and field work using the processes of inquiry.</p>	26.0120011	1.0	None
<p>Honors Biology I (Y) The objective of this course is to develop an understanding of biological concepts using the scientific process. All major concepts of biology including cells, growth, reproduction, heredity, evolution, genetics, genetic engineering, bioenergetics, classification, ecology, and current topics in life sciences are studied as they apply to organisms such as plants and animals. Explorations and application of key concepts will be conducted through lab experiments and various learning strategies including self-questioning and visual learning approaches. A rigorous curriculum includes application of higher-level thinking skills and writing proficiency related to Molecular Genetics, Cellular Energetics, and Biodiversity in addition to content prescribed by the GPS.</p>	26.0120003 Extra GPA Quality Point: 0.50	1.0	None
<p>AP Biology (Y) Designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. Provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The topics covered on the course are molecules and cells, heredity and evolution, and organisms and populations.</p>	26.0140095 Extra GPA Quality Point: 1.0	1.0	Biology
<p>Physics I (Y) Curriculum includes more abstract concepts such as interactions of matter and energy, velocity, acceleration, force, energy, momentum, and charge. This course introduces the students to the study of the correction to Newtonian physics given by quantum mechanics and relativity. Students investigate physics concepts through experience in laboratories and field work using the processes of inquiry.</p>	40.0810011	1.0	Biology
<p>Honors Physics I (Y) An accelerated, in-depth study of energy and its relation to matter, beginning with mechanics (the study of motion) and extending to nuclear, sound, and electromagnetic energies. Electromagnetic energies include optics and electricity and magnetism. Vector mathematics and Algebraic analysis are used extensively.</p>	40.0810003 Extra GPA Quality Point: 0.50	1.0	Biology
<p>AP Physics (Y) An algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills.</p>	40.0831095 Extra GPA Quality Point: 1.0	1.0	Biology
<p>Environmental Science (Y) This curriculum is extensively performance, lab and field based. It integrates the study of many components of our environment, including the human impact on our planet. Chemistry, physics, mathematical, and technological concepts are integrated throughout the course.</p>	26.0611011	1.0	None

<p>AP Environmental Science (Y) Designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Themes 1) Science is a process, (2) Energy conversions underlie all ecological processes, (3) The Earth itself is one interconnected system, (4) Humans alter natural systems, (5) Environmental problems have a cultural and social context, and (6) Human survival depends on developing practices that will achieve sustainable systems.</p>	<p>26.0620095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Biology</p>
<p>Chemistry I (Y) Curriculum includes more abstract concepts such as the structure of atoms, structure and properties of matter, characterization of the properties that describe solutions and the nature of acids and bases, and the conservation and interaction of energy and matter. Students investigate chemistry concepts through experience in laboratories and field work using the processes of inquiry.</p>	<p>40.0510011</p>	<p>1.0</p>	<p>Biology</p>
<p>Honors Chemistry I (Y) An accelerated introduction to the study of the structure, properties and functions of matter, and is the foundation for a variety of fields of study as well as the basis for much of modern-day industry and economics. Because of the abstract nature of atoms and molecules there is a strong conceptual component in its study, including both qualitative and quantitative laboratory work and mathematical analysis. A significant amount of math is included.</p>	<p>40.0510003 Extra GPA Quality Point: 0.50</p>	<p>1.0</p>	<p>Biology</p>
<p>AP Chemistry (Y) This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students study topics related to the structure and states of matter (atomic theory, atomic structure, chemical bonding, nuclear chemistry, gases laws, kinetic molecular theory, liquids and solids and solutions), chemical reactions (reaction types, stoichiometry, equilibrium, kinetics, and thermodynamics), and descriptive chemistry (chemical reactivity, products of chemical reactions, relationships in the periodic table, and organic chemistry).</p>	<p>40.0530095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Biology, Physics, Chemistry & Algebra II</p>
<p>Honors Forensic Science (Y) Students will learn the scientific protocols for analyzing a crime scene, how to use 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.</p>	<p>40.0930003 Extra GPA Quality Point: 0.5</p>	<p>1.0</p>	<p>Biology & Chemistry</p>
<p>Human Anatomy/Physiology (Y) This curriculum is extensively performance and laboratory based and integrates the study of the structures and functions of the human body. Rather than focusing on distinct anatomical and physiological systems (respiratory, nervous, etc.), instruction focuses on the essential requirements for life. Areas of study include organization of the body.</p>	<p>26.0730011</p>	<p>1.0</p>	<p>Biology</p>
<p>Honors Human Anatomy/Physiology (Y) Covers the same standards as Human Anatomy but is accelerated and explores topics deeper. It is designed for students interested in pursuing advanced sciences or careers in science, engineering, or medicine.</p>	<p>26.0730003 Extra GPA Quality Point: 0.5</p>	<p>1.0</p>	<p>Biology</p>

<p>Earth Systems (Y) Curriculum investigates the Earth's systems to include the atmosphere, hydrosphere, geosphere, and biosphere, landscapes, ecology, and resources. Develops the explanations of phenomena fundamental to the sciences of geology and physical geography, including the early history of the Earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate, and the history of life on Earth.</p>	40.0640011	1.0	Biology
<p>Astronomy (Y) Introduces the concepts of modern astronomy, the origin and history of the Universe and the formation of the Earth and the solar system. Gives a description of astronomical phenomena using the laws of physics, discusses planets, stars, the Milky Way, and other galaxies and black holes.</p>	40.0210011	1.0	Biology
<p>Zoology (Y) Students will recognize key features of the major body plans that have evolved in animals and how those body plans have changed over time resulting in the diversity of animals that are evident today. In addition to classification and recognition, students learn about the anatomical and physiological characteristics of animals.</p>	26.0710011	1.0	Biology
<p>Oceanography (Y) his course introduces the students to the study of the ocean composition and structure, the dynamics of energy flow within the ocean system, and the impact of human interaction with the ocean systems. Concepts of physical, chemical, geologic and biological oceanography are addressed by discussions on marine mineral resources, ocean energy, living resources of the sea, marine pollution, and ocean management. Students acquire practical laboratory and field experiences through the reading of charts, making basic measurements of seawater chemistry, examination of coastal geology, wave and beach processes, and marine organisms and habitats.</p>	40.0710011	1.0	Biology
<p>Honors Scientific Research (Y) Students will develop projects based on their interests. These projects may be related to topics that they are covering in any of their science courses or could expand on those ideas. It is expected that the students will receive some support from their teacher, but they will be working mostly independently. Projects at this level could be completed on a time frame of weeks to months. Presentations of the projects developed at this level will be reviewed by school staff and other professionals.</p>	40.2922003 Extra GPA Quality Point: 0.5	1.0	STEM Program or 3 Science Courses

SOCIAL STUDIES

Course Name/Description	Course Number	Credit	Prerequisite
<p>Pre-AP Social Studies (Y) The course is designed by the College Board and explores the structures and forces that shape and reflect the regions, communities, governments, economies, and cultures of humanity. Teaches students how to examine sources and data, establish inferences, and build and critique arguments. Students play the role of historian and geographer by practicing detective skills and using field of study tools.</p>	45.0711006	1.0	None
<p>AP Human Geography (Y) The course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.</p>	45.0770095 Extra GPA Quality Point: 1.0	1.0	None
<p>World History (Y) 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. Course culminates in a study of change and continuity and globalization at the beginning of the 21st century.</p>	45.0830011	1.0	None
<p>Honors World History (Y) A survey of people and nations of both Western and non-Western civilizations. This course explores the political, cultural, and economic heritage of civilization from the time of recorded history through the industrial revolution (5000 B.C. – 1800's) and from the rise of nationalism to contemporary times (1800's – present). Critical thinking and problem solving are stressed. Extensive reading and writing are required.</p>	45.0830003 Extra GPA Quality Point: 0.5	1.0	None
<p>AP World History (Y) Students study the cultural, economic, political, and social developments that shaped the world from c. 1200 CE to the present. Students analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.</p>	45.0811095 Extra GPA Quality Point: 1.0	1.0	None
<p>US History (Y) Course provides students with a survey of major events and themes in US history. Course begins with English settlement and concludes with significant developments in the 21st Century.</p>	45.0810011	1.0	World History
<p>Honors US History (Y) A survey of the development of the United States from discovery through the present. The purpose of this course is to increase knowledge, awareness, and appreciation of America's social, political, and economic evolution during the formative years to present. Emphasis on inquiry & analysis of historical situations. Extensive reading/writing are required.</p>	45.0810003 Extra GPA Quality Point: 0.5	1.0	World History

<p>AP US History (Y) Covers discovery and settlement, Colonial Society, the American Revolution, Constitution and the New Republic, Age of Jefferson, Nationalism, Sectionalism, Territorial Expansion, Civil War, Reconstruction, Industrialization, Progressive Era, World War I, Depression, New Deal, World War II, The Cold War, through modern times.</p>	<p>45.0820095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>World History</p>
<p>US Government Course provides students with a background in the philosophy, functions, and structure of the US government. Students examine the philosophical foundations and development of the US government, and its relationship to states and citizens.</p>	<p>45.057001</p>	<p>0.5</p>	<p>None</p>
<p>Honors US Government The course provides students with a background in the philosophy, functions, and structure of the US government. Students further examine the philosophical foundations of the US government and how that philosophy developed. Students also examine more in-depth the structure and function of the US government and its relationship to states and citizens.</p>	<p>45.057002 Extra GPA Quality Point: 0.50</p>	<p>0.5</p>	<p>None</p>
<p>AP US Government An introductory college-level course where students cultivate their understanding of U.S. government and politics through analysis of data and text- based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis.</p>	<p>45.057002 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Honors or AP US History</p>
<p>Economics w/Personal Financial Literacy The study of how individuals, businesses, and governments make decisions about the allocation of scarce resources. 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.</p>	<p>45.061001</p>	<p>0.5</p>	<p>None</p>
<p>Honors Economics w/Financial Literacy Honors course discussing topics related to Fundamental Economic Concepts, Microeconomics Concepts, Macroeconomics Concepts, International Economics, and Personal Finance Economics. Students will analyze real world economic problems and propose creative solutions. Financial Literacy standards are embedded in the Economics course.</p>	<p>45.0570002 Extra GPA Quality Point: 0.50</p>	<p>0.5</p>	<p>None</p>
<p>AP Microeconomics Study the principles of economics that apply to the behavior of individuals within an economic system. Students will use graphs, charts, and data to analyze, describe, and explain economic concepts.</p>	<p>40.0630095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Honors or AP US History</p>
<p>Psychology (Y) Psychology is the scientific study of behavior and mental processes. The course has four sections: psychological foundations and research, biological foundations, change in behavior and cognition, and variability of behavior among individual and groups.</p>	<p>45.0150099</p>	<p>1.0</p>	<p>2nd, 3rd, or 4th Year Student</p>

<p>AP Psychology (Y) Covers methods, approaches, and the history of psychology as a science, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders and social psychology.</p>	45.0160095	1.0	None
<p>Sociology (Y) An introductory study in sociology, the study of social behavior and the organization of human society. Students will learn about the historical development of the field of sociology and the procedures for conducting research in sociology, as well as the importance and role of culture, social structure, socialization, and social change in today's society.</p>	45.0310099	1.0	2nd, 3rd, or 4th Year Student
<p>Current Issues (Y) Identifies the topics of current social, economic, or political interest. Identifies sources of information from the media and computer networks. Distinguishes fact from opinion in sources, and validates sources as to their authority, credibility, and possible bias. Recognizes and explains how different points of views have been influenced by race, religion, and ethnicity.</p>	45.0120099	1.0	2nd, 3rd, or 4th Year Student
<p>Ethnic Studies (Y) Examines the diversity of American society; focuses on various ethnic groups that make up the American population. Covers cultural orientation, contributions of each group and cultural perspectives of each group.</p>	45.0320099	1.0	2nd, 3rd, or 4th Year Student

WORLD LANGUAGES*

Course Name/Description	Course Number	Credit	Prerequisite
French I (Y) 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.	60.0110011	1.0	None
French II (Y) 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.	60.0120011	1.0	French I
Honors French II (Y) Designed to further develop a student's communication skills and cultural appreciation of the French-speaking world. The student will be able to participate in a variety of oral and written activities.	60.0120003 Extra GPA Quality Point: 0.50	1.0	French I
Honors French III (Y) 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.	60.0130003 Extra GPA Quality Point: 0.50	1.0	French II
Honors French IV (Y) Enhances Level Three skills in French and provides further opportunities to increase listening, speaking, reading, and writing skills in an integrated way. Provides continued language development through exploration of familiar and unfamiliar topics and provides opportunities to develop a broader and more extensive understanding of French-speaking cultures.	60.0140003 Extra GPA Quality Point: 0.50	1.0	Honors French III
AP French (Y) Emphasizes using the language for active communication. Stresses the ability to understand French in various contexts, to develop a vocabulary sufficient for reading newspapers, magazines, literary texts, and other nontechnical writing and to express oneself in speech and in writing coherently, fluently, and accurately.	60.0170087 Extra GPA Quality Point: 1.0	1.0	Honors French IV
Spanish I (Y) 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.	60.0710011	1.0	None
Spanish II (Y) 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, to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to increase understanding of Spanish-speaking cultures.	60.0720011	1.0	Spanish I

<p>Honors Spanish II (Y) Designed for the student who has demonstrated superior facility in foreign language and offers a variety of opportunities for enrichment and oral work. The goal for certain grammatical functions will be full control rather than partial control.</p>	<p>60.0720003 Extra GPA Quality Point: 0.50</p>	<p>1.0</p>	<p>Spanish I</p>
<p>Honors Spanish III (Y) 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. questions, to speak and read within a range of carefully selected topics and to increase understanding of Spanish-speaking cultures.</p>	<p>60.0730003 Extra GPA Quality Point: 0.50</p>	<p>1.0</p>	<p>Spanish II</p>
<p>Honors Spanish IV (Y) Enhances Level Three skills in Spanish and provides further opportunities to increase listening, speaking, reading, and writing skills in an integrated way. Provides continued language development through exploration of familiar and unfamiliar topics and provides opportunities for a broader and more extensive understanding of Spanish-speaking cultures.</p>	<p>60.0740003 Extra GPA Quality Point: 0.50</p>	<p>1.0</p>	<p>Honors Spanish III</p>
<p>AP Spanish (Y) Emphasizes the ability to comprehend formal and informal spoken Spanish, to acquire the vocabulary and grasp of structure to read newspapers, magazines, and Hispanic literature, to compose expository passages and to speak accurately and fluently.</p>	<p>60.0770095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Honors Spanish IV</p>
<p>Native Speakers Spanish I (Y) Designed for Heritage Language Learners of Spanish, this course can accommodate a wide range of Heritage language learners, from those who are minimally functional (can comprehend Spanish but are not able to speak fluently, read or write) to those who are more proficient and literate in Spanish. This course will develop reading, writing, speaking, and listening skills. The student will also develop an awareness and understanding of Hispanic cultures, such as language variations, customs, geography, and current events.</p>	<p>60.0790099</p>	<p>1.0</p>	<p>None</p>
<p>Native Speakers Spanish II (Y) Designed for Heritage Language Learners of Spanish, this course can accommodate a wide range of Heritage language learners, from those who are somewhat functional (can comprehend spoken Spanish but speak haltingly and need improvement in reading and/or writing) to those who are more proficient and literate in Spanish. This course will continue to develop reading, writing, speaking, and listening skills and will promote a deeper understanding of the Hispanic cultures, such as language variations, customs, geography, history, and current events.</p>	<p>60.0791099</p>	<p>1.0</p>	<p>Native Speakers Spanish I</p>

**Additional World Language course offerings are available through online instruction from Georgia Virtual School (GAVS). Speak with your School Counselor regarding available courses and scheduling options.*

CAREER & TECHNICAL EDUCATION

Georgia's Career Clusters allow students to choose an area of interest in high school from 17 career groups. Students take classes tailored to their career cluster, which includes multiple career paths and helps navigate to greater success – no matter what they choose to do after high school graduation. The purpose of the program is to show students the importance of what they're learning in the classroom, whether they want to attend a two-year college, a four-year university, or go straight into the world of work.

Georgia's 17 Career Clusters:

Agriculture, Food & Natural Resources

Hospitality & Tourism*

Architecture & Construction

Human Services*

Arts, AV/Technology & Communications*

Information Technology*

Business, Management & Administration*

Law, Public Safety, Corrections & Security*

Education and Training

Manufacturing

Energy

Marketing*

Finance

Science, Technology, Engineering & Math*

Government & Public Administration*

Transportation, Distribution & Logistics*

Health Science*

(*McEachern High School offers pathways in 11 career clusters.)

NOTE: Students MUST take the introductory class (Level I) of any course listed in the Career Technology fields before proceeding to the other classes/levels offered in that area. End-of-Pathway Exams are required at the conclusion of the 3rd course of study – some courses may provide college credits or industry certification.

ARTS, AV/TECHNOLOGY & COMMUNICATION

Broadcast Video Productions Pathway

Course Name/Description	Course Number	Credit	Prerequisite
<p>AV Tech & Film I (Y) This course will serve as the foundational course in the Audio & Video Technology & Film pathway. The course prepares students for employment or entry into a postsecondary education program in the audio and video technology career field. Topics covered may include, but are not limited to: terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.</p>	10.5181099	1.0	None
<p>AV Tech & Film II (Y) This one credit course is the second in a series to prepare for a career in Broadcast/Video production and/or to transfer to a postsecondary program for further study. Topics include: Planning, Writing, Directing and Editing a Production; Field Equipment Functions; Operational Set-Up and Maintenance; Advanced Editing Operations; Studio Productions; Performance; Audio/Video Control Systems; Production Graphics; Career Opportunities; and Professional Ethics.</p>	10.5191099	1.0	AV Tech & Film I
<p>AV Tech & Film III (Y) This one credit transition course is designed to facilitate student-led broadcasts/videos under the guidance of the instructor. Students work cooperatively and independently in all phases of broadcast/video production.</p>	10.5201099	1.0	AV Tech & Film II
<p>Broadcast Video Production App IV (Y) Requires a high technical level and recommendation by audio/video instructor. Students who take this course will complete a second pathway for Audio/Video. Students are required to take an additional End of Pathway Exam to complete the course.</p>	10.5141099	1.0	AV Tech & Film III

Graphic Design Pathway (Industry Certified)

Course Name/Description	Course Number	Credit	Prerequisite
<p>Intro to Graphics & Design (Y) This class is designed to provide an overview of the design and production of printed material. Students use a Macintosh computer platform that includes the Adobe Creative Suite software (InDesign, Illustrator, Photoshop, and Acrobat). Projects for the class include notepads, business cards, greeting cards, retouched/color corrected photos, booklets, brochures, logo design, cartoons, post cards, package design, etc. Related careers include printing, publishing, packaging, advertising, graphic design, illustration, photography and are often referred to as the graphic arts, print, or imaging industries.</p>	48.5610099	1.0	None
<p>Graphic Design & Production (Y) This is the second level course in graphic design and is project based. Students will focus on creative problem solving and implement techniques in design principles, color theory, digital file preparation, output operations and bindery. Student projects will include CD/DVD covers, posters, screen printing (t-shirts), multi-color and multi-page projects, logo design, photoshop editing techniques, and some live work.</p>	48.5620099	1.0	Intro to Graphics & Design
<p>Advanced Graphic Design (Y) In this class, students will continue to explore the principles of design and layout procedures as they relate to graphic design. Projects will include portfolio development, digital printing, corporate identity, business ethics, magazine covers, t-shirt design and screen printing. PrintED certification is available to students who complete 3 credits of graphics and maintain an 85 or above average in graphics. PrintED certification is administered through the Graphic Arts Education and Research Foundation (GAERF) and is a national accreditation based on industry standards for Graphic Communications.</p>	48.5280099	1.0	Graphic Design & Production
<p>Advanced Graphic Output Process (Y) This class is based on a business model of managing output and completion of jobs related to customer relations, printing, finishing, and binding. Students continue to work on portfolio development, career opportunities, live work, and job entry level skills.</p>	48.5700099	1.0	Graphic Design & Production
<p>Printing and Technology Lab I (Y)</p>	48.5660099	1.0	Graphic Design & Production
<p>Digital File Preparation Practicum B (Y)</p>	48.5640099	1.0	Graphic Design & Production

BUSINESS, MANAGEMENT & ADMINISTRATION

Business & Technology Pathway

Course Name/Description	Course Number	Credit	Prerequisite
<p>Intro to Business Technology (Y) Designed to teach the basics of business technology, human resources, and entrepreneurship. Students will use computers to learn essentials for working in a business environment, managing a business, and owning a business. An emphasis will also be placed on professional communication skills and practices, problem solving, ethical and legal issues, and the impact of effective presentation skills.</p>	07.4413099	1.0	None
<p>Legal Environment of Business (Y) Offers an overview of business law while concentrating on the legal aspects of business ownership and management. Students will be exposed to a variety of business technologies as well as support in professional communication skills and practices, problem-solving, ethical, and legal issues, and the impact of effective presentation skills. Students should join FBLA as an extension of their learning in this course.</p>	06.4150099	1.0	Intro to Business Technology
<p>Entrepreneurship (Y) Course focuses on recognizing a business opportunity, starting a business, operating, and maintaining a business. Integration of accounting, finance, marketing, business management, legal, and economic environments will be developed throughout projects in this course. Students should continue their involvement with FBLA as an extension of their learning in this course. Students will take the end-of-pathway assessment to complete their coursework.</p>	06.4161099	1.0	Legal Environment of Business

GOVERNMENT & PUBLIC ADMINISTRATION

JROTC - Navy Pathway*

Course Name/Description	Course Number	Credit	Prerequisite
<p>JROTC Naval Sci I Cadet Field Manual (Y) This course combines all information on military drill & ceremonies, uniform regulations, physical fitness, orienteering, principles of health, first aid, survival, leadership, and communications.</p>	28.0210099	1.0	None
<p>JROTC Naval Sci I Intro to NJROTC (Y) The purpose of this course is to help students understand the missions, goals, and opportunities available as members of the NJROTC program. This course will also introduce students to the basic principles of leadership, which combined with the many opportunities for practical experience in the NJROTC program will prepare them for leadership roles in school and upon graduation. Students will gain an understanding of our nation, our values, traditions, heritage, respect for our laws, as well as becoming involved, responsible citizens.</p>	28.0220099	1.0	Naval Science I Cadet Field Manual
<p>JROTC Naval Sci 2-A Maritime History (Y) The purpose of this course is to build on the general introduction provided in Naval Science I, to further develop the traits of citizenship and leadership in students, introduce cadets to the maritime history of the world and the United States from the American Revolution through the present time.</p>	28.0230099	1.0	Naval Science I Intro to NJROTC
<p>JROTC Naval Sci 2-B Nautical Science (Y) This course introduces the various nautical sciences through classroom work and some laboratory time. The development of core skills that students should master are integrated throughout the course and include geography, oceanography, astronomy, physical science, meteorology, and weather.</p>	28.0240099	1.0	Naval Science 2-A
<p>JROTC Naval Sci 3-A Naval Knowledge (Y) An overview of business law while concentrating on the legal aspects of business ownership and management. Students will be exposed to a variety of business technologies as well as support in professional communication skills and practices, problem-solving, ethical, and legal issues, and the impact of effective presentation skills. Students should join FBLA as an extension of their learning in this course.</p>	28.0250099	1.0	Naval Science 2-B
<p>JROTC Naval Sci 3-B Orientation & Skills (Y) The purpose of this course is to further the foundation in citizenship and leadership established in Naval Science One and Two and to provide classroom and practical application in Naval and Ship Organization.</p>	28.0260099	1.0	Naval Science 3-A
<p>JROTC Naval Sci 4-A Leadership & Ethics (Y) The purpose of this course is to take a more in-depth look at what leadership is and learn how to maximize leadership abilities. More importantly, this course will assist students in adding the polish necessary to be a truly effective leader in the NJROTC unit, school, community, and in life.</p>	28.0270099	1.0	Naval Science 3-B
<p>JROTC Naval Sci 4-B Effective Comm. (Y) The purpose of this course is to teach students the techniques of effective communication, which is one of the most important skills a good leader must develop in order to be successful.</p>	28.0280099	1.0	Naval Science 4-A

* Students must take two courses each year. 3 units of JROTC may be used to meet the Health & Personal Fitness graduation requirements.

HEALTH SCIENCE

Therapeutic Services - Patient Care Pathway *

Course Name/Description	Course Number	Credit	Prerequisite
<p>Intro to Healthcare Science (Y) Appropriate for students wishing to pursue a career in the Healthcare Industry. Fundamental healthcare skills development is initiated including medical terminology, microbiology, and basic life support. Students are required to meet both national and intrastate professional guidelines as designated by applicable regulatory agencies such as the Occupational Health and Safety Administration (OSHA) and Center for Disease Control (CDC). Mastery of these standards through project-based learning, technical skills practice, and leadership development activities of the career and technical student organization -Health Occupations Students of America (HOSA) will provide students with a competitive edge for either entry into the healthcare global marketplace and/or the postsecondary institution of their choice to continue their education and training.</p>	25.5210099	1.0	None
<p>Essentials of Healthcare (Y) Anatomy and Physiology is a vital part of most healthcare post-secondary education programs. The Essentials of Healthcare is a medical focused anatomy course addressing the physiology of each body system, along with the investigation of common diseases, disorders, and emerging diseases. The prevention of disease and the diagnosis and treatment that might be utilized are addressed, along with medical terminology related to each system. Course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections between medical procedures and the pathophysiology of diseases and disorders. *Course meets fourth science requirement by the Board of Regents, and an Anatomy credit is awarded at successful completion of this course.</p>	25.4400099	1.0	Intro to Healthcare Science
<p>Patient Care Fundamentals (Y) This course is designed to provide students interested in the careers that involve patient care with entry level skills most commonly associated with the Nursing Assistant career. Upon completion of the course and its prerequisites, this course meets the Certified Nurse Assistant curriculum content as specified by the Georgia Medical Care Foundation. Students meeting all academic, attendance, and age requirements may sit for the Georgia Registry's Examination.</p>	25.4360099	1.0	Essentials of Healthcare
<p>Sports Medicine (Y) Sports Medicine is the third course in the Therapeutic Services/Sports Medicine Career Pathway. The course is appropriate for students who wish to pursue a career in healthcare with a focus on the musculoskeletal system, injury assessment, injury prevention, or rehabilitation including careers in Sports Medicine and Rehabilitative Services. This course will enable students to receive initial exposure to therapeutic services skills and attitudes applicable to the healthcare industry. The concepts of anatomy and physiology, assessment, preventative and rehabilitative care are introduced. Fundamental healthcare skills development is initiated, including medical terminology, kinesiology, patient assessment, record keeping, and basic life support. Course meets fourth science requirement by the Board of Regents.</p>	25.4460099	1.0	Essentials of Healthcare

** McEachern High School participates in a specialized program in partnership with Chattahoochee Technical College, Georgia Highlands College, and WellStar Health System to provide an accelerated LPN to BSN licensure opportunity for qualified students pursuing a career in Nursing. See a McEachern School Counselor for program information.*

HOSPITALITY & TOURISM

Culinary Arts Pathway (Industry Certified)

Course Name/Description	Course Number	Credit	Prerequisite
<p>Intro to Culinary Arts (Y) Designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts where laboratory practice will parallel class work. Fundamental techniques, skills, and terminology are covered and mastered with an emphasis on basic kitchen and dining room safety, sanitation, equipment maintenance and operation procedures.</p>	20.5310099	1.0	None
<p>Culinary Arts I (Y) Designed to create a complete foundation and understanding of Culinary Arts leading to post-secondary education or a foodservice career. Building from techniques and skills learned in Intro to Culinary Arts, this fundamentals course begins to involve in-depth knowledge and hands on skill mastery of Culinary Arts.</p>	20.5321099	1.0	Intro to Culinary Arts
<p>Culinary Arts II (Y) An advanced and rigorous in-depth course designed for the student who has continued in the Culinary Arts Pathway and wishes to continue their education at the post-secondary level or enter the foodservice industry as a proficient and well-rounded individual. Strong importance is given to refining hands on production of the classic fundamentals in the commercial kitchen.</p>	20.5331099	1.0	Culinary Arts I

Sports & Entertainment Marketing

Course Name/Description	Course Number	Credit	Prerequisite
<p>Marketing Principles (Y) A foundational course that addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop a basic understanding of Employability, Foundational and Business Administration skills, Economics, Entrepreneurship, Financial Analysis, Human Resources Management, Information Management, Marketing, Operations, Professional Development, Strategic Management, and Global Marketing strategies. Instructional projects with real businesses, work-based learning activities including School-Based Enterprises, and DECA application experiences are incorporated.</p>	08.4740099	1.0	None
<p>Intro to Sports & Entertainment Marketing (Y) Introduces students to the major segments of the Sports & Entertainment Industry and the social/economic impact the industry 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.</p>	08.4780099	1.0	Marketing Principles
<p>Adv. Sports & Entertainment Marketing (Y) Provides students opportunities to develop managerial and analytical skills and deepen their knowledge in sports/entertainment marketing. Topics include: Marketing-Information Management, Selling, Pricing, Publicity, Public Relations, Sales Promotion, Management of Promotion, Product Mix, Positioning, and Marketing Planning.</p>	08.4850099	1.0	Intro to Sports Marketing

HUMAN SERVICES

Personal Care Services - Cosmetology Pathway

Course Name/Description	Course Number	Credit	Prerequisite
<p>Intro to Personal Care Services (Y) This course introduces both fundamental theory and practices of the personal care professions including nail technicians, estheticians, barbers, and cosmetologists. Emphasis is placed on professional practices and safety. Areas addressed include: state rules and regulations, professional image, bacteriology, decontamination and infection control, chemistry fundamentals, safety, Hazardous Duty Standards Act compliance, and anatomy and physiology. Students experience basic hands-on skills in each area to help them determine the pathway they are most interested in pursuing. By completing courses in the personal care services pathways, students can potentially earn credit toward the hours required by the GA State Board of Barbering and/or Cosmetology or hours toward their license as an esthetician or nail technician.</p>	12.5440099	1.0	None
<p>Cosmetology Service II (Y) After exploring the different areas of Personal Care Services in the introduction course, students may choose to pursue further training in cosmetology services. This course as well as additional advanced cosmetology courses is aligned with the Georgia State Board of Cosmetology requirements and licensure, and with the Technical College System of Georgia. This course is designed to enhance the understanding of anatomy of the skin and hair relating to the Cosmetology Industry. Students will master shampooing, permanent waving, haircutting, basic skin care, and make-up application while maintaining safety and sanitation in the workplace set forth by OSHA standards.</p>	12.4100099	1.0	Intro to Personal Care Services
<p>Cosmetology Services III (Y) This course will cover haircutting, hair color, and relaxers. Both theory and practical work will be implemented for students to have basic entry level skills in the field of cosmetology. Safety and infection control will be applied throughout this course. Professional work ethics, communication skills, critical thinking skills, soft skills and professional image will be utilized during this course. This course aligns to the regulations and requirements of the State Board of Cosmetology.</p>	12.4110099	1.0	Cosmetology Services II
<p>Cosmetology Work-based Internship (Y) This laboratory course provides experiences necessary for the development of skill levels required to become a cosmetologist. This course provides a portion of hours approved by the Georgia State Board of Cosmetology. The tasks specified by this course will allow a student to earn credit hours toward completion of the 1500 hours required by the Georgia State Board of Cosmetology.</p>	12.7114099	1.0	Teacher Recommendation

INFORMATION TECHNOLOGY

Business - Computing Pathway

Course Name/Description	Course Number	Credit	Prerequisite
<p>Intro to Digital Technology (Y) This course is designed for students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project-focused tasks.</p>	11.4150099	1.0	None
<p>Computer Science Principles (Y) 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. Through both its content and pedagogy, this course aims to appeal to a broad audience. 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. Course meets fourth science requirement by the Board of Regents. Course meets fourth mathematics, or world language requirement; two computer science courses from the same pathway will satisfy two years of sequenced foreign language courses.</p>	11.4710099	1.0	Intro to Digital Technology
<p>Programming, Games, Apps & Society (Y) The course is designed for students to strategize, design, and develop games and mobile and desktop applications that can be produced in the real world. Students learn about life cycles of project development and use models to develop applications. Attention will be placed on how user interfaces affect the usability and effectiveness of a game or an application. Programming constructs will be employed which will allow students' applications to interact with "real world," stimuli. The course exposes students to privacy, legality, and security considerations with regards to the software industry. Course meets fourth science requirement.</p>	11.4720099	1.0	Computer Science Principles

LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY

Law, Public Safety, Corrections & Security Pathway

Course Name/Description	Course Number	Credit	Prerequisite
Intro to Law/Public Safety/Corrections/Security (Y) Foundational course that prepares students for any career in Law and Justice. Basic concepts of law related to citizens' rights and officers' responsibilities to maintain a safe society are examined, as well as components of the criminal justice system, roles and responsibilities of the police, courts, and corrections. Students learn the classification & elements of crimes, receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, the use of force continuum, report writing, operation of police and emergency equipment, and courtroom testimony.	43.4500099	1.0	None
Criminal Justice Essentials (Y) An overview of the criminal justice system, starting with historical perspectives of the origin of the system. Students are immersed in criminal and constitutional law and review basic law enforcement skills. The course ends with a mock trial to provide participants with a first-hand experience of the criminal justice system.	43.4510099	1.0	Intro to Law & Pubic Safety Corrections
Criminal Investigations (Y) Provides students with an opportunity to explore the basic processes and principles of forensic science as it relates to criminal investigation. Students learn the importance of the identification, collection, and processing of evidence and of its contribution to the criminal investigation.	43.4530099	1.0	Culinary Arts I
Security & Protective Services (Y) Allows students to complete a 2nd pathway in Criminal Justice. An additional End of Pathway Assessment is required.	43.4580099	1.0	Culinary Arts I

SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS

Engineering & Technology Pathway

Course Name/Description	Course Number	Credit	Prerequisite
Foundations of Engineering & Technology (Y) This course provides students with opportunities to develop fundamental technological literacy as they learn about the history, systems, and processes of invention and innovation.	21.4250099	1.0	None
Engineering Concepts (Y) This course introduces students to the fundamental principles of engineering. Students learn about areas of specialization within engineering design, and apply engineering tools and procedures as they complete hands-on instructional activities.	21.4710099	1.0	Foundations of Engineering
Engineering Applications (Y) Apply engineering design and develop a solution for a technological problem. Students use applications of math and science to predict the success of an engineered solution and complete hands-on activities with tools, materials, and processes as they develop working drawings and prototypes.	21.4720099	1.0	Engineering Concepts
Research Design & Management (Y) Provides students with opportunities to work with students from other pathways as a member of a design team. Research strategies, prototype testing/evaluation, & communication skills emphasized.	21.4610099	1.0	Robotics Team Membership Required

TRANSPORTATION, DISTRIBUTION & LOGISTICS

General Automotive Service Technology Pathway (Industry Certified Program)

Course Name/Description	Course Number	Credit	Prerequisite
<p>Automotive Technologies I (Y) Students in this course will learn the basic skills needed to gain employment as a maintenance and light repair technician. Students will be exposed to courses in automotive preventative maintenance and servicing and replacing brakes and steering and suspension components. In addition, student will learn how to do general electrical system diagnosis, learn electrical theory, perform basic tests, and determine necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. The hours completed in this course are aligned with ASE/NATEF standards and are a base for the entry-level technician.</p>	47.4500099	1.0	None
<p>Automotive Technologies II (Y) Students will learn the basic skills needed to gain employment as a maintenance and light repair technician. The course will expose students to automotive preventative maintenance and servicing, as well as replacing brakes, and steering and suspension components. Students will also learn general electrical system diagnosis, electrical theory, basic test requirements, and determining necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. Standards for this course are aligned with ASE/NATEF standards and are an excellent foundation for the entry-level technician.</p>	47.4510099	1.0	Automotive Technologies I
<p>Maintenance & Light Repair III (Y) Students will learn the basic skills needed to gain employment as a maintenance and light repair technician and will expose student to automotive preventative maintenance and servicing, replacing brakes, as well as steering and suspension components. Students will learn about general electrical system diagnosis, electrical theory, basic tests that are required, and determine the necessary action. In addition, students will learn how to evacuate and recharge air-conditioning systems using the proper refrigerant. The standards in this course are aligned with ASE/NATEF standards and are an excellent foundation for the entry-level technician.</p>	47.5331099	1.0	Automotive Technologies II
<p>Auto/Service Tech IV (Y) Students will expand their skills in preparation for employment in the field.</p>	47.4340099	1.0	Maintenance & Light Repair III

FINE ARTS

Visual Arts

Course Name/Description	Course Number	Credit	Prerequisite
Visual Arts/Comprehensive I (Y) An introduces art history, criticism & studio production. Students will be introduced to drawing, painting, and 3-D media studio production skills. It emphasizes the ability to understand & use the elements of art & principles of design through a variety of media processes and visual resources. <i>*This course is a prerequisite for all other art courses.</i>	50.0211099	1.0	None
Drawing I (Y) Explores a variety of techniques and a wide range of drawing media, including graphite, ink, charcoal, and mixed media. An emphasis is placed on developing advanced shading skills and examining problem solving through composition.	50.0311099	1.0	Visual Arts/Comprehensive
Drawing II (Y) Drawing II enhances skills developed in Drawing I and provides further exploration of drawing media, with an emphasis on color and composition. Reinforces problem-solving skills, encourages self-expression and a greater sophistication in the use of drawing materials is expected.	50.0312099	1.0	Drawing I
Drawing & Painting I (Y) Drawing/Painting I explores a variety of drawing techniques and a range of painting media (acrylic and watercolor). An emphasis is placed on developing basic painting skills and examining problem solving through color theory and composition.	50.0313099	1.0	Visual Arts/Comprehensive
Painting II (Y) Painting II introduces advanced painting techniques and a wide range of painting media (including oil paints). Personal expression is encouraged, and exhibition opportunities are promoted.	50.0322099	1.0	Drawing & Painting I
Ceramics/Pottery I (Y) Ceramics introduces the student to basic hand-building techniques, modeling, decoration, glazing, and firing with CLAY. Emphasis is placed on three-dimensional design.	50.0411099	1.0	Visual Arts/Comprehensive
Ceramics/Pottery II (Y) Advanced building techniques with CLAY is the emphasis of Ceramics II. Students will learn to work on the pottery wheel as well as integrate mixed-media elements into ceramic pieces. Studio pieces will vary from functional to aesthetic.	50.412099	1.0	Ceramics/Pottery I
Sculpture (Y) Sculpture I introduces students to building techniques in a variety of 3-D media including plaster, paper, cardboard, recycled materials, wood, and metal. Students learn to work with gravity to produce free-standing, wall-mount, and chandelier style forms.	50.0611099	1.0	Ceramics/Pottery I

<p>AP Studio Art (Y) The Advanced Placement (AP) Studio Art Program enables highly motivated students to perform college-level work in Studio Art while still in high school. The AP Studio & Design Portfolios are not based on a written examination; instead, candidates submit a portfolio of work for evaluation at the end for the school year. The specifics of the portfolio are dictated by the College Board and are published in a yearly guidebook. Students will develop a full portfolio of original work and also have the opportunity to earn college credit.</p>	<p>50.0811095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Teacher Approval Required</p>
<p>AP 2D Design (Y) Students develop 2-D skills through materials and processes such as graphic design, photography, collage, printmaking, fashion illustration, collage, and others. Students create artwork that reflects their own ideas and skills and what they've learned, as well as submit a portfolio of work for evaluation at the end for the school year. The specifics of the portfolio are dictated by the College Board and are published in a yearly guidebook.</p>	<p>50.0813095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Teacher Approval Required</p>
<p>AP 3D/Art (Y) Students develop 3-D skills in materials and processes, such as sculpture, architectural rendering and models, metal work, ceramics, glass work, and others. Students will create artwork that reflects their own ideas and skills and what they've learned, as well as submit a portfolio of work for evaluation at the end for the school year. The specifics of the portfolio are dictated by the College Board and are published in a yearly guidebook.</p>	<p>50.0814095 Extra GPA Quality Point: 1.0</p>	<p>1.0</p>	<p>Teacher Approval Required</p>

Theatre Arts

Course Name/Description	Course Number	Credit	Prerequisite
<p>Fundamentals of Drama (Y) Fundamentals of Theatre serves as a prerequisite to other theatre courses. It will include study and application of stage terminology, journals, improvisation, Theatre History, and character development. Composition will be integrated through script analysis of scenes for application, personal responsibility; teamwork will be assessed through solo/group performances.</p>	52.0210099	1.0	None
<p>Acting I/Acting II (Y) This course develops advanced acting skills with a focus on character/scene study and monologue/scene work. Students will be introduced to audition and resume skills. It offers the opportunity to utilize scene work and audition techniques through performance opportunities. Acting I (Fall) & Acting II (Spring)</p>	52.0610099 52.0620099	1.0 1.0	Fundamentals of Drama
<p>Acting III/Acting IV (Y) This. Course is embedded into the Acting I II class. This course explores the role of the Actor and Director along with various roles in Theatrical Production. It offers opportunity to utilize scene work and audition techniques through the perspective of the Director. Acting III (Fall) Acting IV (Spring)</p>	52.0630099 52.0640099	1.0 1.0	Acting I
<p>Advanced Drama I/Advanced Drama II (Y) Students will be given the opportunity to select, produce, and perform in student-directed one act plays. Students will also further their study of acting styles and concepts through scene study, play analysis and workshops. This is a performance/production course and will require students to be available for After-School Rehearsals. Advanced Drama I (Fall) Advanced Drama II (Spring)</p>	52.0510099 52.0523099	1.0 1.0	Teacher Recommendation
<p>Advanced Drama III/Advanced Drama IV (Y) Students will be given the opportunity to select, produce, and perform in student-directed one act plays. Students will also further their study of acting styles and concepts through scene study, play analysis and workshops. This is a performance/production course and will require students to be available for After-School Rehearsals. Advanced Drama III (Fall) Advanced Drama IV (Spring)</p>	52.0520099 52.0523099	1.0 1.0	Teacher Recommendation

Chorus

Course Name/Description	Course Number	Credit	Prerequisite
<p>Advanced Men's Chorus I & II (Y) All-male chorus – contains a variety of levels of choral experience in grades 9th-12th. Students in this course study various styles of treble vocal literature, music theory/history, in addition to preparing for performance. Members must demonstrate a high level of musicianship and commitment. Choir performs four concerts a year and is evaluated at the GMEA Performance Evaluation. Students must participate in GMEA Festivals and spring concerts. Performance level: G.M.E.A. Grade III-IV.</p>	54.0291099 54.0292099	1.0 1.0	None
<p>Advanced Women's Chorus I & II (Y) This select advanced women's choir, consists of 9th – 12th grade women who have excellent voices, rehearsal skills, and who exhibit advanced vocal and sight-reading abilities. Students in this course study various styles of treble vocal literature, music theory/history, in addition to preparing for performance. Members must demonstrate a high level of musicianship and commitment. Choir performs four concerts a year and is evaluated at the GMEA Performance Evaluation. Students must participate in GMEA Festivals and spring concerts. Performance level: G.M.E.A. Grade III-IV.</p>	54.0261099 54.0262099	1.0 1.0	None
<p>Mastery Women's Chorus I & II (Y) Placement for this class is determined by the choral director. Students in this course study various styles of treble vocal literature, music theory/history, in addition to preparing for performance. Members must demonstrate a high level of musicianship and commitment. Choir performs four concerts a year and is evaluated at the GMEA Performance Evaluation. Students must participate in GMEA Festivals and spring concerts. Performance level: G.M.E.A. Grade IV-V.</p>	54.0265099 54.0266099	1.0 1.0	Advanced Women's Chorus

Orchestra

Course Name/Description	Course Number	Credit	Prerequisite
<p>Intermediate Orchestra I & II (Y) This is an ensemble composed of string instrumentalists. It is made up of only 9th graders who have played a string instrument in the past and wish to continue in high school. There beginners are not allowed in this course without instructor approval. Students will participate in fall/winter concerts, GMEA Festivals and spring concerts. Performance level: G.M.E.A. Grade III-IV.</p>	53.0571099 53.0572099	1.0 1.0	Teacher Recommendation
<p>Advanced Orchestra I & II (Y) This ensemble is composed of string instrumentalists. It is made up of 10th, 11th and 12th graders who have played a string instrument in the past. Students will participate in fall /winter concerts, GMEA Festivals and spring concerts. Performance level: G.M.E.A. Grade IV-V.</p>	53.0581099 53.0582099	1.0 1.0	Teacher Recommendation
<p>Chamber/Mastery Orchestra I & II (Y) The Chamber Orchestra is an audition only double-blocked class. Performing ensemble for players of stringed orchestral instruments possessing ability at an advanced level. Students will participate in fall /winter concerts, GMEA Festivals and spring concerts. Performance level: G.M.E.A. grade V-VI. Full orchestra experience will be a regular component of this course. LIMITED SPACE</p>	53.0591099 53.0592099	1.0 1.0	Teacher Recommendation

Band

Course Name/Description	Course Number	Credit	Prerequisite
<p>Beginning Band I & II (Y) Provides opportunities to develop performance skills on a wind or percussion instrument. Emphasizes performance and production. May include analysis, historical and cultural influences, improvisation, and appreciation of music. Organizes objectives for self-paced progress. Stresses individual progress and group experiences.</p>	<p>53.0361099 53.0362099</p>	<p>1.0 1.0</p>	Audition
<p>Intermediate Band I & II (Y) This performance-based class provides opportunities for intermediate level performers to increase performance skills and precision on a wind or percussion instrument. Includes performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music, and appreciation of music. Stresses individual progress and learning and group experiences. Strengthens reading skills. Individual growth and achievement are encouraged through participation in adjudicated solo and ensemble festivals, district honor bands, and private lessons. Participation in concert performances outside of regular class hours is expected.</p>	<p>53.0371099 53.0372099</p>	<p>1.0 1.0</p>	Audition
<p>Advanced Band I & II (Y) This performance-based class provides opportunities for advanced-level performers to increase, develop and refine performance skills and precision on a wind or percussion instrument. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music, and appreciation of music at advanced levels of understanding. Organizes objectives for self-paced progress. Stresses individual progress and learning strategies, and ensemble experiences. Individual growth and achievement are encouraged through participation in adjudicated solo and ensemble festivals, district honor bands, and private lessons. Participation in concert performances outside of regular class hours is expected.</p>	<p>53.0381099 53.0382099</p>	<p>1.0 1.0</p>	Audition
<p>Mastery Band I & II (Y) Provides opportunities for students to develop master skills in music reading and performance techniques. A variety of mastery band literature of various historical and contemporary styles and genres is performed. Students extend their knowledge of music theory, including analysis of form. Exploration of compositional and improvisational techniques of instrumental music.</p>	<p>53.0391099 53.0392099</p>	<p>1.0 1.0</p>	Audition

Music

Course Name/Description	Course Number	Credit	Prerequisite
<p>Music Appreciation (Y) Introduces production and performance, covering terminology and idioms, elements of music, perceptive listening and attitudes, and appreciation. Stresses the ability to become a literate consumer along with the ability to speak and write fluently about music.</p>	<p>53.0140099</p>	<p>1.0</p>	None

PHYSICAL EDUCATION

Physical Education Courses

Course Name/Description	Course Number	Credit	Prerequisite
<p>General PE (Y) General Physical Education focuses on and enhances skills in any combination or variety of Team Sports, Lifetime Sports, or outdoor education experiences, recreational games, and self-defense. It further promotes methods to attain a healthy and active lifestyle.</p>	36.0110099	1.0	None
<p>Team Sports (Y) Courses is designed to introduce students to a variety of team sports ranging from basketball, volleyball, softball, flag football, soccer, and other team-oriented sport. These courses offer the student the opportunity to learn the sport history, rules and regulations, etiquette, strategy and judgment, and basic motor skills.</p>	36.0210099	1.0	None
<p>Life Sports (Y) Course is designed to introduce students to different lifetime sports. May include the following: tennis, badminton, golf, basketball, volleyball, bowling, four square, and any other individual or dual sport or activity. It will also offer the student the opportunity to learn the sport history, rules and regulations, etiquette, strategy and judgment, and basic motor skills for each activity.</p>	36.0220099	1.0	None
<p>Weight Training (Boys & Girls) (Y) These courses are designed to introduce students to a program of activities that promotes the development of health-related fitness. Activities may include stretching exercises, weightlifting, strength training, ply metric exercises, flexibility, and physical fitness training. Students will devise an individual program for their fitness and strength level.</p>	36.0620099 (B) 36.0560099 (G)	1.0	None
<p>Intro to Rhythm & Dance/Aerobics (Y) Introductory Rhythmics and Dance is designed to teach basic rhythms through movement and exploration of space. Music will be used and experiences to develop fitness through aerobic dance or the use of jump ropes, balls, sticks, streamers, or other rhythmic devices will be taught.</p>	36.0530099	1.0	None
<p>Personal Fitness/BPE (Required for Graduation) (Y) Personal Fitness is designed to help students understand why exercise and fitness are important and will emphasize successful strategies for maintaining good cardiovascular endurance, flexibility, muscular strength, and muscular endurance. The course will follow a conceptual approach dealing with the following topics: understanding the nature of fitness; appraising individual fitness; understanding methods of conditioning, exercise precautions and fallacies, and problems with maintaining a lifelong fitness program; developing a personal fitness program; and assessing diet and exercise and how they affect your health. In addition, the course includes the physical training and fitness goals.</p>	36.0510098	1.0	None
<p>Health (Required for Graduation) (Y) Health allows students to develop a higher state of wellness through an understanding of preventative health strategies as they pertain to personal health, mental health, nutrition, communicative and chronic diseases, consumer health, first aid and CPR, drug education, community health, and family living. An emphasis is placed on the decision-making process and preventative health care.</p>	17.0110098	1.0	None