



Chattahoochee High School
Course Catalog

CHATTAHOOCHEE HIGH SCHOOL



National School of Excellence

2025 – 2026 ACADEMIC COURSE CATALOG



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Course Catalog

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CTAE – ANIMATION & DIGITAL MEDIA PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Introduction to Digital Media	11.4280001 11.4280002	Y	9-12	None	This course serves as an introduction to the Animation pathway. Students will learn the basic components of 2D and 3D animation development. Software includes Adobe Suite, Toon Boom and Maya.
Principles and Concepts of Animation	48.4220001 48.4220002	Y	10-12	Introduction to Digital Media	In Principles and Concepts of Animation, students will continue to develop and implement aesthetics of color selection, storyboarding in 2D digital animation, and develop animatic creations from 2D to 3D. Students in this course will learn interface tools, the use of drawing tools, animating the camera, importing images from web sources and files, working with sound and lip syncing, understanding paths and motion design, and frame by frame animation creation relative to sequence planning and pacing. This course will allow students to explore more advanced aspects of character animation including subtle character gesture and advanced action timing with emphasis on personal observation. The course will allow students to develop an understanding of basic sound considerations such as lip syncing, voice-overs, and the synchronization of sound and the visual product. This course will allow students to build on previously learned storyboarding skills, develop scripts, determine character motivations, consider setting and motion variables, and learn other unique traits of animation through integrated activities.
Advanced Animation, Game and App Design	48.4230001 48.4230002	Y	11-12	Principles and Concepts of Animation	In this course students will continue working in 2D and 3D environments by importing 3D models while working in 3D space morphing, and inverse kinematics. While learning the basics of Game and App design, the students will acquire knowledge of human and animal animations, apply the aesthetic and technical aspects of animation of characters, and analyze the physics and physicalizing of action, weight, and timing. The course advances student's knowledge of sound integration into animated products by focusing on skills that include lip-syncing, voice overs, and synchronization. Portfolio development will include animation reels and other products.
Animation Practicum Capstone	48.4240001 48.4240002	Y	11-12	Animation & Digital Media Pathway completion and teacher approval	



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CTAE – AUTOMOTIVE PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Automotive Technologies I	47.450001 47.450002	Y	9-12	None	This course is designed as the foundational course for the General Automotive Technology pathway. Students in this course will learn the basic skills needed to gain employment as an entry level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual transmission, and differential and automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician.
Automotive Technologies II	47.451001 47.451002	Y	10-12	Automotive Technologies I	This course is designed as the second course for the General Automotive Technology Pathway. Students in this course will learn the basic skills needed to gain employment as an entry level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual transmission, and differential & automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician.
Automotive Technologies III	47.452001 47.452002	Y	11-12	Automotive Technologies II	This course is designed as the third course for the General Automotive Technology Pathway. Students in this course will learn the basic skills needed to gain employment as an entry level automotive technician. Students will be exposed to courses in automotive preventative maintenance, brakes, steering and suspension, electrical systems, engine repair, engine performance, automatic transmission, manual transmission, and differential & automotive HVAC. The hours completed in this course are aligned with ASE standards and are a base for the entry-level technician.



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CTAE – CLOUD COMPUTING PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Introduction to Software Technology	11.446001 11.446002	Y	9-12	None	Introduction to Software Technology is the foundational course for Cloud Computing and Computer Science pathways. This course is designed for high school 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 programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.
AP Computer Science Principles	11.0190001 11.0190002	Y	10-12	Introduction to Software Technology	College Board AP Course Descriptions
Cloud Computing	11.447001 11.447002	Y	11-12	AP Computer Science Principles	The Cloud Computing course is intended for students who seek an overall understanding of cloud computing, independent of specific technical roles, cloud concepts, core services, security, architecture, and support. Students dive deeply into cloud computing best practices and learn how cloud computing helps users develop a global infrastructure to support use case at scale while also developing and inventing innovative technologies. Innovation through cloud computing is making a major impact in nearly every industry, including healthcare, finance, manufacturing, government, and nonprofit. The global public cloud computing market has consistently grown 15 percent year after year and is projected to continue to grow annually. This course utilizes hands-on practical lab activities to explore and build cloud technologies.



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CTAE – COMPUTER SCIENCE PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Introduction to Software Technology	11.446001 11.446002	Y	9-12	None	Introduction to Software Technology is the foundational course for Cloud Computing and Computer Science pathways. This course is designed for high school 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 programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.
AP Computer Science Principles	11.0190001 11.0190002	Y	10-12	Introduction to Software Technology	College Board AP Course Descriptions
AP Computer Science A	11.0160001 11.0160002	Y	11-12	AP Computer Science Principles	College Board AP Course Descriptions



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CTAE – ENGINEERING TECHNOLOGY PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Foundations of Engineering Technology	21.4250001 21.4250002	Y	9-12	None	Robotics and manufacturing, computer numerical control, automation, research and computer-aided design, advertising and presentation, video production, radio-audio communication, laser and fiber optics, flight and space, solar energy, electricity and electronics, internal combustion engine, transportation, simple machines, and pneumatics/hydraulics
Engineering Concepts	21.4710001 21.4710002	Y	10-12	Foundations of Engineering & Technology	Technological concepts, processes, and systems, problem-solving, safety, teamwork, equipment, analysis and evaluation, and career opportunities.
Engineering Applications	21.4720001 21.4720002	Y	11-12	Foundations of Engineering & Technology AND Engineering Concepts	Engineering concepts, process and systems, problem solving, safety, teamwork, equipment, analysis and evaluation, and career opportunities.
Research, Design, Project Management	21.4610001 21.4610002	Y	11-12	Completion of Engineering and Technology Pathway and teacher approval	Provides students with opportunities to work with students from other pathways as a member of a design team. Research strategies, prototype testing and evaluation, and communication skills are emphasized.



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CTAE – FASHION, MERCHANDISING, RETAIL MANAGEMENT PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Marketing Principles	08.4740001 08.4740002	Y	9-12	None	Marketing Principles is the foundational course for the Marketing and Management, Fashion Merchandising and Buying, and Marketing Communications and Promotion Pathways. Marketing Principles 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 should be incorporated in this course.
Fashion, Merchandising and Retailing Essentials	08.4210001 08.4210002	Y	10-12	Marketing Principles	Fashion, Merchandising and Retailing Essentials is the second course in the Fashion, Merchandising and Retail Management Pathway. This course introduces students to the retail industry including the fundamentals of fashion marketing, key marketing concepts essential to every business, types of businesses involved in the industry, and an array of career opportunities. Students will develop skills in such areas as fashion economics, marketing segmentation and target marketing, product selection and buying, and inventory systems.
Advanced Fashion, Merchandising and Retailing	08.4220001 08.4220002	Y	11-12	Marketing Principles and Fashion, Merchandising and Retailing Essentials	Advanced Fashion, Merchandising and Retailing is the third course in the Fashion, Merchandising and Retail Management Career Pathway and focuses on the application of knowledge and the performance of key skills required in a retail environment. Students will develop skills necessary for managing the following elements: pricing, visual merchandising, advertising, special promotions, professional sales, and customer service.



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CTAE – GRAPHIC DESIGN PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Introduction to Graphics and Design	48.5610001 48.5610002	Y	9-12	None	This course is designed as the foundational course for both the Graphics Production and Graphics Design Pathways. The Graphics and Design course provides students with the processes involved in the technologies of printing, publishing, packaging, electronic imaging, and their allied industries. In addition, the Graphics and Design course offers a range of cognitive skills, aesthetics, and crafts that includes typography, visual arts, and page layout.
Graphic Design and Production	48.4620001 48.4620002	Y	10-12	Introduction to Graphics and Design	This course focuses on the procedures commonly used in the graphic design industry. Students will gain experience in creative problem solving and the practical implementation of those solutions across multiple areas of visual communications. Students will continue to explore the principles of design, page composition and the industry standard software (Adobe Photoshop, Illustrator, and InDesign) through live work and project-based opportunities. As well, students will assist in the design and layout of the school newspaper.
Advanced Graphic Design	48.4280001 48.4280002	Y	11-12	Introduction to Graphics and Design and Graphic Design and Production	Students will continue to explore in an increasingly independent manner, the principles of design and layout procedures relating to the field of graphic design. Content will cover electronic systems and software programs used in graphic design, page composition, image conversion, and digital printing. Knowledge and skills in digital design and imaging and will be enhanced through experiences that simulate the graphic design industry and school-based and work-based learning opportunities.
AP Studio 2D Design	50.0813001 50.0813002	Y	11-12	Introduction to Graphics and Design, Graphic Design and Production, Advanced Graphic Design and teacher recommendation	College Board AP Course Descriptions
Practicum B/Digital Production	48.5640001 48.5640002	Y	11-12	Graphic Design Pathway Completion and teacher approval	



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CTAE – MARKETING & MANAGEMENT PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Marketing Principles	08.4740001 08.4740002	Y	9-12	None	Marketing Principles is the foundational course for the Marketing and Management, Fashion Merchandising and Buying, and Marketing Communications and Promotion Pathways. Marketing Principles 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 should be incorporated in this course.
Marketing and Entrepreneurship	08.4410001 08.4410002	Y	10-12	Marketing Principles	Marketing and Entrepreneurship is the second course in the Marketing and Management Career Pathway. Marketing and Entrepreneurship begins and in-depth and detailed study of marketing while also focusing on management with specific emphasis on small business ownership. This course builds on the theories learned in the Marketing Principles course by providing practical application scenarios which test these theories. In addition, Marketing and Entrepreneurship focuses on the role of the supervisor and examines the qualities needed to be successful.
Marketing Management	08.4420001 08.4420002	Y	11-12	Marketing Principles and Marketing and Entrepreneurship	Marketing Management is the third course in the Marketing and Management pathway. Students assume a managerial perspective by applying economic principles in marketing, analyzing operation's needs, examining channel management and financial alternatives, managing marketing information, pricing products and services, developing product/service planning strategies, promoting products and services, purchasing, and professional sales. This course also includes global marketing where students analyze marketing strategies employed in the United States versus those employed in other countries.



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CTAE – THERAPEUTIC SERVICES/ALLIED HEALTH & MEDICINE PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Introduction to Healthcare Science	25.5210001 25.5210002	Y	9-12	None	Introduction to Healthcare Science is a foundations course for the Therapeutic Services Career Pathway. It is appropriate for students wishing to pursue a career in the Healthcare Industry. The course will enable students to receive initial exposure to Healthcare Science skills and attitudes applicable to the healthcare industry. The concepts of health, wellness, and preventative care are evaluated, as well as ethical and legal responsibilities of today's healthcare provider. 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 post-secondary institution of their choice to continue their education and training. This course is considered broad-based with high impact and is a prerequisite for all Healthcare Science Education courses.
Essentials of Healthcare	25.4400001 25.4400002	Y	10-12	Introduction to Healthcare Science	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, disorder, 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. This 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.
Allied Health and Medicine	25.4370001 25.4370002	Y	11-12	Introduction to Healthcare Science and Essentials of Healthcare	This course is designed to offer students (preferably upper classmen-juniors or seniors) the opportunity to become effective and efficient multi-skilled healthcare providers as they develop a working knowledge of various allied health opportunities. Students focusing on a career path in the healthcare field may apply classroom/lab knowledge and skills in



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					the clinical setting as they participate in direct or simulated client care. The curriculum allows instructors to provide options for classroom/student growth opportunities in area(s) of interest to the student. These options may be determined by community need, available resources, and/or student interest, etc. This course was developed according to a basic 50-minute class time frame but may be adjusted according to local system schedules. Instructors may select which classroom content standards 1-14 best meet his/her individual classroom needs in addition to the required clinical/capstone project to equal total class time available for the course.
Fundamentals of Exercise Physiology	25.4540001 25.4540002	Y	11-12	Introduction to Healthcare Science and Essentials of Healthcare	As the third course in the Physical Medicine/Exercise Physiology Career Pathway, this course is appropriate for students wishing to pursue a career in personal training or for those who desire an introduction in the field of exercise physiology. The course will enable students to perform fitness assessments, according to current guidelines, and to use data to develop exercise and training routines, fitness plans, and nutritional programs to fit the needs of clients. The concepts of human kinesiology will be evaluated and fundamental skills of goal setting, record keeping, and instruction techniques will be covered in the course. Proficiency in using and teaching others to use various types of exercise equipment and stretching techniques will be developed. Personal, professional, and ethical skills, as well as the guidelines, and safety practices required within the field of personal training, will be learned and practiced. The ability to create routines and programs for fitness to meet the needs of the general population and to meet the special needs of targeted groups of individuals will be developed.



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CTAE – THERAPEUTIC SERVICES/SPORTS MEDICINE PATHWAY					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Introduction to Healthcare Science	25.5210001 25.5210002	Y	9-12	None	Introduction to Healthcare Science is a foundations course for the Therapeutic Services Career Pathway. It is appropriate for students wishing to pursue a career in the Healthcare Industry. The course will enable students to receive initial exposure to Healthcare Science skills and attitudes applicable to the healthcare industry. The concepts of health, wellness, and preventative care are evaluated, as well as ethical and legal responsibilities of today's healthcare provider. 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 post-secondary institution of their choice to continue their education and training. This course is considered broad-based with high impact and is a prerequisite for all Healthcare Science Education courses.
Essentials of Healthcare	25.4400001 25.4400002	Y	10-12	Introduction to Healthcare Science	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, disorder, 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. This course provides an opportunity to demonstrate technical skills that enforce the goal of helping students make connections



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					between medical procedures and the pathophysiology of diseases and disorders.
Sports Medicine	25.4460001 25.4460002	Y	11-12	Introduction to Healthcare Science and Essentials of Healthcare	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.
Fundamentals of Exercise Physiology	25.4540001 25.4540002	Y	11-12	Introduction to Healthcare Science and Essentials of Healthcare	As the third course in the Physical Medicine/Exercise Physiology Career Pathway, this course is appropriate for students wishing to pursue a career in personal training or for those who desire an introduction in the field of exercise physiology. The course will enable students to perform fitness assessments, according to current guidelines, and to use data to develop exercise and training routines, fitness plans, and nutritional programs to fit the needs of clients. The concepts of human kinesiology will be evaluated and fundamental skills of goal setting, record keeping, and instruction techniques will be covered in the course. Proficiency in using and teaching others to use various types of exercise equipment and stretching techniques will be developed. Personal, professional, and ethical skills, as well as the guidelines, and safety practices required within the field of personal training, will be learned and practiced. The ability to create routines and programs for fitness to meet the needs of the general population and to meet the special needs of targeted groups of individuals will be developed.



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ENGLISH					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Literature/Composition I	23.0616001 23.0616002	Y	9	None	Literature and Composition I is a study of literary genres. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts; to learn characteristics of basic literary genres, including the novel, short story, poetry, drama, and nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening, speaking, and viewing. This course prepares students for college.
Literature/Composition I Honors	23.0660041 23.0660042	Y	9	Meet Fulton County Placement Guidelines	This course requires a teacher recommendation which may be based on the following: approved writing, standardized test scores, and academic achievement. The honors level course has higher expectations and more rigorous coursework than the college preparatory level, including mandatory summer reading and written responses to literature. Ninth Grade Literature and Composition- Honors is a study of literary genres. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts; to learn characteristics of basic literary genres, including the novel, short story, poetry, drama, and nonfiction; to establish effective writing and research habits; and to refine language skills as they apply to writing, listening, speaking, and viewing. This course prepares students for college.
Literature/Composition II	23.0617001 23.0617002	Y	10	9 th Literature	Literature/Composition II is organized thematically. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts. They will learn about universal themes and symbols common to literary works, including the novel, short story, poetry, drama, and nonfiction. Students will continue to build effective writing and research habits as they refine language arts skills which they will apply to writing, listening, speaking, and viewing. This course prepares students for college.
Literature/Composition II Honors	23.0617041 23.0627042	Y	10	9 th Literature	This course requires a teacher recommendation, which may be based on the following: approved writing, standardized test scores, and academic achievement. The honors level course has higher expectations and more rigorous coursework than the college preparatory level, including mandatory summer reading and written responses to literature. Tenth Grade Literature and Composition-Honors is organized thematically. Students will continue to develop vocabulary and apply effective reading strategies to a wide variety of literary and informational texts. They will



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					learn about universal themes and symbols common to literary works, including the novel, short story, poetry, drama, and nonfiction. Students will continue to build on effective writing and research habits as they refine language arts skills which they will apply to writing, listening, speaking, and viewing. This course prepares students for college.
American Literature and Composition	23.0510001 23.0510002	Y	11	10 th Literature	American Literature and Composition is a study of the major literary topics, themes, and movements in the history of the United States from pre-colonial times to present day. Students will focus on major literary forms of the emerging nation, analyze literary themes and trends, and both research and compose several papers, speeches, and presentations, using representative forms of discourse. This course prepares students for college.
American Literature and Composition Honors	23.0510041 23.0510042	Y	11	10 th Literature	This course requires a teacher recommendation, which may be based on the following: approved writing, standardized test scores, and academic achievement. The honors level course has higher expectations and more rigorous coursework than the college preparatory level, including mandatory summer reading and written responses to literature. American Literature and Composition-Honors is a study of the major literary topics, themes, and movements in the history of the United States from pre- colonial times to present day. Students will focus on major literary forms of the emerging nation, analyze literary themes and trends, and both research and compose several papers, speeches, and presentations, using representative forms of discourse. This course prepares students for college.
AP Seminar ELA	23.0380001 23.0380002	Y	10-11	9 th Grade Honors	<u>College Board AP Course Descriptions</u> AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and



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					communicate evidence-based arguments. This course can count as your 10 th grade English credit.
AP Language and Composition	23.0530001 23.0530002	Y	11	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions Advanced college level study of authors' styles and techniques, survey of American literature, review of writing skills, preparation for AP exam.
AP Literature & Composition	23.0650001 23.0650002	Y	12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions Advanced college level study of literature and critical approaches, review of writing skills, preparation for AP exam
College English	23.0340400	Y	12	Successful application to appropriate college	Freshman English curriculum at the collegiate level.
Multi-Cultural Literature	23.0670001 23.0670002	Y	12	English 9,10,11	To what extent is it possible to describe an "American" experience? How are different people included in or excluded from the imagined community that is America? How does a person's race, class, gender, etc. affect his or her experience of belonging to this country? These are just some of the questions we will consider as we familiarize ourselves with the great diversity of experiences of people who have grown up in America. We will read and discuss selections written by men and women, by urban, suburban, and rural Americans, by lower, working, middle, and upper-class Americans, and by Asian Americans, African Americans, Native Americans, Latina/o, and European Americans. Throughout the course, we will explore how these writers write the "self" in literature. This course prepares students for college.
Dramatic Writing	52.0920001 52.0920002 (Fine Arts) 23.0310601 23.0310602 (English)	Y	12	English 9,10,11	Applies skills to culminate in creating and developing dramatic writing for theatrical media with a special emphasis on film and television. Includes development of "writerly stance" by reading, viewing, and analyzing tests and visual media from a writer's point of view, with focus on understanding the construction process and including the application of conventions of standard English grammar and usage. This course meets fourth English Language Arts core requirements for 12 th grade and also earn a Fine Arts credit (2.0 total credit earned for the course).
Journalism I Newspaper	23.0320001 23.0320002	Y	9-12	Application	Study of newspaper journalism, production of school newspaper.
Journalism II Newspaper	23.0330001 23.0330002	Y	10-12	Newspaper I and application	Advanced study of newspaper journalism, production of school newspaper.



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Journalism III Newspaper	23.0350001 23.0350002	Y	11-12	Newspaper II and application	Advanced study of newspaper journalism, production of school newspaper.
Journalism IV Newspaper	23.0360001 23.0360002	Y	12	Newspaper III and application	Advanced study of newspaper journalism, production of school newspaper.
Journalism I Annual	23.0320003 23.0320004	Y	9-12	Application	Study of photo journalism, production of school annual.
Journalism II Annual	23.0330003 23.0330004	Y	10-12	Annual I and application	Advanced study of photo journalism, production of school annual.
Journalism III Annual	23.0350003 23.0350004	Y	11-12	Annual II and application	Advanced study of photo journalism, production of school annual.
Speech/Forensics I	23.0460001 23.0460002	Y	9-12	None	Introduction to research skills, public speaking, and methods of debate including Lincoln-Douglas techniques of argumentation.
Speech/Forensics II	23.0470001 23.0470002	Y	10-12	Speech/Forensics I	Advanced research skills, public speaking, and methods of debate including Lincoln-Douglas techniques of argumentation.
Speech/Forensics III	23.0480001 23.0480002	Y	11-12	Speech/Forensics II	Advanced research skills, public speaking, and methods of debate including Lincoln-Douglas techniques of argumentation.



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FINE ARTS					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Intro to Art	50.0211001	Fall	9-12	None	Introduction to Art is an entry-level class that establishes a standard and consistent foundation in the discipline of visual art. Students will be introduced to all aspects of visual art including but not limited to art as personal communication, drawing, sculpture, ceramics, design, aesthetics, careers, art criticism and art history.
Intro to Art: Design Fundamentals	50.0212002	Spring	9-12	Intro to Art	Enhances level-one skills in art history, art criticism, aesthetic judgment, and studio production. Emphasizes and reinforces knowledge and application of the design elements and their relationship to the principles of design. Explores different two- and three-dimensional art media and processes. Investigates master artworks to increase awareness and to examine the role of art and the artist in past and contemporary societies.
Ceramics 1	50.0411001	Fall	9-12	Intro to Art	Ceramics 1 is an introductory course in ceramics covering the three basic methods of hand building. Students will produce ceramic artwork using pinch, slab, and coil techniques. Students will learn the basic vocabulary of ceramics as well as methods of surface treatment, firing, and other related aspects. Ceramic history, aesthetics, and art criticism will be incorporated throughout the course.
Ceramics 2	50.0412002	Spring	10-12	Ceramics 1	Ceramics 2 provides in-depth work with clay beyond that of Ceramics 1. Students will further technical ability in hand building, surface decoration, and/or wheel-thrown ceramics. Glaze chemistry will be addressed with an emphasis on how a glaze works and how to alter results. Alternative firing techniques will introduce students to various surface effects and firing atmospheres. Students will work in a more conceptual manner to develop their own ideas, style, and artistic voice. Students will continue to investigate ceramics from around the world and throughout time.
Ceramics 3	50.0413001	Fall	10-12	Ceramics 2	Ceramics 3 is an advanced course providing in-depth work with clay. Students will further technical ability in hand building, surface decoration, and/or wheel-thrown ceramics. Glaze chemistry will be addressed with an emphasis on how a glaze works and how to alter results. Alternative firing techniques will introduce students to various surface effects and firing atmospheres. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio.
Ceramics 4	50.0414002	Spring	11-12	Ceramics 3	Ceramics 4 provides in-depth work with clay. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio.



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Draw/Painting 1	50.0314001	Fall	9-12	Intro to Art	Drawing & Painting 1 instructs students in fundamental drawing and painting skills and prepares them to make the transition to painting. Course work builds on drawing skills introduced in Introduction to Art. Drawing approaches include contour, value to model form, gesture, perspective, and color; students work with drawing media such as pencil, charcoal, watercolor paint, acrylic paint, oil pastels. Art history, criticism and aesthetics are incorporated with studio production of drawings and paintings.
Draw/Painting 2	50.0314002	Spring	9-12	Draw/Painting 1	Drawing and Painting 2 develops fundamental drawing and painting skills and continues to strengthen composition and drawing skills. The course includes studies in color sensitivity and a wide range of media and techniques. Art history, criticism, and aesthetics are incorporated with studio production of drawings and paintings. This class also fosters students' artistic voice.
Photography 1	50.0711001	Fall	9-12	Intro to Art	Photography 1 is an introduction to black and white photography and darkroom processing. Students will construct their own pinhole camera and create a photographic portfolio as they learn the technical and artistic aspects of photography. A brief introduction to digital photography will be included. Photo history, critiques of photos, aesthetics and design will be addressed throughout the semester
Photography 2	50.0712002	Spring	10-12	Photography 1	Photography 2 builds on basic skills and darkroom techniques learned in Photography 1. Students hone skills in communicating meaning through photography. They learn to use a 35 mm camera, develop and print images from black and white film and refine darkroom and printing techniques. The course incorporates aesthetics, art criticism, art history and a brief introduction to digital photography.
Photography 3	50.0713001	Fall	10-12	Photography 2	Photography 3 and 4 hone skills in communicating meaning through photography. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio.
Photography 4	50.0714002	Spring	11-12	Photography 3	Photography 3 and 4 hone skills in communicating meaning through photography. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio.
Sculpture 1	50.0611001 50.0611002	S	9-12	Intro to Art	Sculpture 1 introduces students to the production of three-dimensional art making including additive, subtractive and modeling processes of sculptural construction. Sculpture's influence on the environment will be examined, as well as the investigation of a variety of media. Students are expected to make connections as they explore meaning, develop creative



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					thinking skills, search for contextual understanding resulting in authentic assessment and reflection.
Sculpture 2	50.0612001 50.0612002	S	10-12	Sculpture 1	Sculpture 2 offers in-depth study to the production of three-dimensional art making including additive, subtractive, casting and modeling processes while investigating a variety of media. Students are expected to make connections as they explore meaning, develop creative thinking skills, search for contextual understanding resulting in authentic assessment and reflection.
Sculpture 3	50.0613001 50.0613002	S	10-12	Sculpture 2	Sculpture 3 and 4 offers in-depth study of the production of three-dimensional art making including additive, subtractive, casting and modeling processes while investigating a variety of media. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio.
Sculpture 4	50.0614001 50.0614002	S	11-12	Sculpture 3	Sculpture 3 and 4 offers in-depth study of the production of three-dimensional art making including additive, subtractive, casting and modeling processes while investigating a variety of media. Students will work in a more conceptual manner to develop their own ideas, style and artistic voice while developing a portfolio.
Jewelry & Metal Crafts 1	50.0460001	Fall	9-12	Intro to Art	Students learn about the history of jewelry design, nonmetal processes such as bead loom weaving techniques, and cold connection processes for metal jewelry pieces.
Jewelry & Metal Crafts 2	50.0462002	Spring	10-12	Jewelry & Metal Crafts 1	Students focus on hot connection processes to create a series of rings. They will learn how to solder, design wearable sculpture, and to set stones into their design.
AP Drawing Portfolio	50.0811001 50.0811002	Y	11-12	Teacher Recommendation	College Board AP Course Descriptions AP level content culminating in AP portfolio submission and/or AP exam
AP 2D Design	50.0813001 50.0913002	Y	11-12	Teacher Recommendation	College Board AP Course Descriptions AP level content culminating in AP portfolio submission and/or AP exam
AP 3D Design	50.0814001 50.0841002	Y	11-12	Teacher Recommendation	College Board AP Course Descriptions AP level content culminating in AP portfolio submission and/or AP exam
AP Art History	50.0921001 50.0921002	Y	10-12	Teacher Recommendation	College Board AP Course Descriptions Explore the history of art across the globe from prehistory to the present. You'll analyze works of art through observation, discussion, reading, and research.



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MATHEMATICS					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Algebra: Concepts and Connections	27.0811001 27.0811002	Y	9	None	Algebra: Concepts and Connections is designed as the first course in a three-course series. 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.
Algebra: Concepts and Connections Support	27.0812001 27.0812002	Y	9	None	This elective course is a companion class to Algebra: Concepts and Connections for students who need additional mathematics support.
Geometry: Concepts and Connections	27.0821001 27.0821002	Y	10	Algebra: Concepts and Connections	Geometry: Concepts and Connections is designed as the second course in a three-course series. 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.
Geometry: Concepts and Connections Support	27.0822001 27.0822002	Y	10	None	This elective course is a companion class to Geometry: Concepts and Connections for students who need additional mathematics support.
Geometry: Concepts and Connections Honors	27.0821041 27.0821042	Y	9	Enhanced Algebra: Concepts and Connections	The course description is the same as Geometry: Concepts and Connections. The distinction is that the course is only offered to students who are taking Geometry as ninth-grade students.
Advanced Algebra: Concepts and Connections	27.0831001 27.0831002	Y	11	Geometry: Concepts and Connections	Advanced Algebra: Concepts and Connections is designed as the third course in a three-course series. 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.
Advanced Algebra: Concepts and Connections Support	27.0832001 27.0832002	Y	11	None	This elective course is a companion class to Advanced Algebra: Concepts and Connections for students who need additional mathematics support.



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Advanced Algebra: Concepts and Connections Honors	27.0831041 27.0831042	Y	9, 10	Geometry: Concepts and Connections or Geometry: Concepts and Connections Honors	The course description is the same as Advanced Algebra: Concepts and Connections. The distinction is that the course is only offered to students who are taking Advanced Algebra as ninth-grade or tenth-grade students.
Enhanced Advanced Algebra and AP Precalculus: Concepts and Connections Honors	27.0931041 27.0931042	Y	10, 11	Teacher Recommendation from Geometry: Concepts and Connections <u>or</u> Geometry: Concepts and Connections Honors	Enhanced Advanced Algebra & Precalculus is a thoughtful blend of Advanced Algebra: Concepts & Connections and AP Precalculus. All topics covered in Advanced Algebra and in AP Precalculus will be covered.
Precalculus: Concepts and Connections	27.0841001 27.0841002	Y	9 - 12	Advanced Algebra: Concepts and Connections <u>or</u> Advanced Algebra: Concepts and Connections Honors	Precalculus is a fourth-year math option for students who have completed Advanced Algebra (or the equivalent). The course provides students with the opportunity to develop a deeper understanding of concepts in Algebra that are critical to the study of Calculus as well as an understanding of trigonometry and its applications. The course includes the study and analysis of piecewise and rational functions; limits and continuity as related to piecewise and rational functions; sequences and series with the incorporation of convergence and divergence; conic sections as implicitly defined curves; the six trigonometric functions and their inverses; applications of trigonometry such as modeling periodic phenomena, modeling with vectors and parametric equations, solving oblique triangles in contextual situations, graphing in the Polar Plane; solutions of trigonometric equations in a variety of contexts; and the manipulation and application of trigonometric identities. Note: There is no "Honors" distinction for students who take the course prior to grade 12.
AP Precalculus	27.0841041 27.0841042	Y	9 – 12	Advanced Algebra: Concepts and Connections <u>or</u> Advanced Algebra: Concepts and Connections Honors	College Board AP Course Descriptions AP Precalculus is designed to be the equivalent to a college precalculus course or college algebra with trigonometry course. The course is devoted to topics covered in Pre-Calculus but focuses more-in depth per college board requirements.



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Advanced Mathematical Decision making (AMDM)	27.0850001 27.0850002	Y	11, 12	Meet Fulton County Placement Guidelines	Advanced Mathematical Decision Making (AMDM) is designed to follow the completion of Advanced Algebra (or the equivalent). The course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions.
Calculus (Non-AP)	27.0780001 27.0780002	Y	11, 12	Meet Fulton County Placement Guidelines	Calculus is a fourth-year math option for students who have completed Pre-Calculus. 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.
AP Calculus AB	27.0720001 27.0720002	Y	11, 12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions AP Calculus AB is designed to be equivalent to a first-semester college calculus course devoted to topics in differential and integral calculus.
AP Calculus BC	27.0730001 27.0730002	Y	11, 12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions AP Calculus BC is designed to be equivalent to a first-semester college calculus course and the subsequent single-variable calculus course.
AP Statistics	27.0740001 27.0740002	Y	11, 12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions AP Statistics is designed to be equivalent to a one-semester, introductory, non-calculus-based college course in statistics.



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NON-DEPARTMENTAL					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Peer Leadership	45.0590001 45.0590002	S	12	Application and Approval from Administration	Office Aides (Peer Leaders) will have different experiences; Office Aides work in a variety of settings which may include the counseling department, assistant principal's office, main office, attendance office, and media center. You will be expected to co-lead new student orientation/groups, conduct school tours, and provide general office assistance in your designated location.



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PERFORMING ARTS					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Fundamentals of Theatre I	52.0210001	S	9-12	None	This semester introductory course is an exploration of theater as an artistic form that focuses on the appreciation and value of theater in society. It is a perfect place for beginning students to start learning about theater and is a prerequisite to several other theater courses.
Fundamentals of Theatre II	52.0220001	S	9-12	Fundamentals of Theatre 1	This semester long companion course to Fundamentals of Theatre 1 is an in-depth exploration of theater as an artistic form that focuses on the performance aspects of exploring character and performing for an audience.
Technical Theatre I	52.0410001	Y	9-12	None	The purpose of this class is to expand the general knowledge base of all elements of technical theatre, which include, but are not limited to, set design, construction, painting, costumes, lights, sound, hair, make up, stage management, props & production. Students will have real world, practical application on multiple live productions throughout the school year. There is an element of after school activity required for this class.
Technical Theatre II	52.0420001				
Technical Theatre III	52.0430001				
Technical Theatre IV	52.0440001				
Acting I	52.0610001				
Acting II	52.0620001				
Acting III	52.0630001				
Acting IV	52.0640001				
Musical Theatre I	52.0310001	Y	9	Middle School Chorus or interested 10 th -12 th grade	Students focus heavily on vocal pedagogy and music knowledge. This group performs at least twice a semester. No audition is required.
	52.0310002				



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				students – no audition required	
Musical Theatre II	52.0320001 52.0320002	Y	10-12	Audition	Musical Theatre II-IV is a yearlong class that establishes basic principles used in the process and production of modern theatre. Students will be introduced to a wide variety of musical theatre elements including musicality, movement, vocalization, artistry, acting, puppetry, and staging. The student discovers storyline and characters that exist in musicals, plays, and original pieces of drama. The student develops an understanding of performance techniques required for various roles and styles needed for specific performances and will gain experience in the creative process through active individual and group involvement.
Musical Theatre III	52.0330001 52.0330002				
Musical Theatre IV	52.0340001 52.0340002				
Intermediate Chorus I	54.0221001 54.0221002	Y	9	Middle School Chorus or interested 10 th - 12 th grade students – no audition required	Students focus heavily on vocal pedagogy and music knowledge. This group performs at least twice a semester. No audition is required.
Adv. Mixed Chorus I	54.0231001 54.0231002	Y	10-12	Audition	This ensemble of upper classmen represents the most select vocal musicians in the school. They audition each spring for the following fall. Each member auditions for Georgia All-State Chorus in the fall of the year to measure their solo performance ability and skills in sight singing and tonal memory. The ensemble performs college level classical music and travels to compete at festivals. Audition required.
Adv. Mixed Chorus II	54.0232001 54.0232002				
Adv. Mixed Chorus III	54.0233001 54.0233002				
Mastery Chorus I	54.0235001 54.0235002	Y	10-12	Audition	This ensemble of upper classmen represents the top level of vocal musicians in the school. They audition each spring for the following fall. Each member auditions for Georgia All-State Chorus in the fall of the year to measure their solo performance ability and skills in sight singing and tonal memory. The ensemble performs college and professional level classical music and travels to compete at festivals. Audition required.
Mastery Chorus II	54.0236001 54.0236002				
Mastery Chorus III	54.0237001 54.0237002				
Intermediate Band I	53.0371001 53.0371002	Y	9	Current Enrollment in Band or Audition	Non-auditioned band. Class will stress fundamentals of playing. Reading notation, tone production, rhythm, articulation, and intonation are some of the skills that will be strengthened. Weekly playing and written quizzes
Intermediate Band II	53.0372001		10		



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Intermediate Band III	53.0372002 53.0373001 53.0373002		11		will be given. Instrument supplies and equipment are required. The band will perform four concerts a year.
Intermediate Band IV	53.0374001 53.0374002		12		
Advanced Band I	53.0381001 53.0381002	Y	9	Current Enrollment in Band or Audition	Placement determined by audition only. This band is for more advanced instrumentalists. Basic skills will be reviewed and reinforced. Access to a recording device is required. Recorded musical excerpts are required. Audition for all-district/all-state band is expected. Brass and Woodwind ensembles may be formed from this group. Instrument supplies and equipment are required. The band will perform four concerts per year.
Advanced Band II	53.0382001 53.0382002		10		
Advanced Band III	53.0383001 53.0383002		11		
Advanced Band IV	53.0384001 53.0384002		12		
Mastery Band I	53.0391001 53.0391002	Y	9	Current Enrollment in Band or Audition	Placement determined by audition only. This band is for very advanced instrumentalists. Basic skills will be reviewed and reinforced. Access to a recording device is required. Recorded musical excerpts are required. Audition for all-district/all-state band is expected. Brass and Woodwind ensembles may be formed from this group. Instrument supplies and equipment are required. The band will perform five concerts per year.
Mastery Band II	53.0392001 53.0392002		10		
Mastery Band III	53.0393001 53.0393002		11		
Mastery Band IV	53.0394001 53.0394002		12		
Percussion I-IV (Fall Semester)	53.0761001 53.0762001 53.0763001 53.0764001	S	9 10 11 12	Current Enrollment in Band or Audition	All marching band percussionists are required to enroll in this class. Every day there will be sectional and ensemble rehearsal.
Percussion I-IV (Spring Semester)	53.0761002 53.0762002 53.0763002 53.0764002	S	9 10 11 12	Current Enrollment in Band or Audition	Required course for band percussionists, pending director approval



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Intermediate Orchestra I	53.0571001 53.0571002	Y	9	Current enrollment in Orchestra	This performing ensemble is designed for those students who have 2-3 years of string experience. The emphasis of instruction will be to develop sound performance technique. This ensemble will consist of strings only and will play repertoire of the various time periods in music history. During the preparation of this repertoire, we will study performance technique, ear training, theory, posture, performance demeanor, and historical content. There is no audition for this ensemble.
Intermediate Orchestra II	53.0572001 53.0572002		10		
Intermediate Orchestra III	53.0573001 53.0573002		11		
Intermediate Orchestra IV	53.0574001 53.0574002		12		
Advanced Orchestra I	53.0581001 53.0581002	Y	9	Current enrollment in Orchestra or Audition	This performing ensemble is designed for those students who have 4 or more years of string experience. The emphasis of instruction is on developing advanced technique at both the individual and group levels. To foster advanced learning, we will continue our study of musical form, theory, ear training, ensemble repertoire, posture, positions, and full orchestra repertoire. Audition required.
Advanced Orchestra II	53.0582001 53.0582002		10		
Advanced Orchestra III	53.0583001 53.0583002		11		
Advanced Orchestra IV	53.0584001 53.0584002		12		
Mastery Orchestra I	53.0591001 53.0591002	Y	9	Current enrollment in Orchestra or Audition	This performing ensemble is designed for those students with at least 5 years of string instruction. This ensemble may consist of strings, winds, and/or others as required by the orchestral repertoire. The emphasis of instruction will be to refine both personal and ensemble technique to better explore the richness of the orchestral tradition. Advanced study of musical technique, theory, form, posture, positions, history, and performance practice will be essential elements. Audition required.
Mastery Orchestra II	53.0592001 53.0592002		10		
Mastery Orchestra III	53.0593001 53.0593002		11		
Mastery Orchestra IV	53.0594001 53.0594002		12		
Beginning Guitar	53.0841001 53.0841002	S	9-12	None	This class for beginners focuses on the basic guitar techniques acoustic (offered in the Fall and Spring)
Beginning Piano	53.0941001 53.0941002	S	9-12	None	This class for beginners focuses on the basics of piano performance (offered in the Fall and Spring)



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Beginner Percussion	53.0741001	S1	9-12	None	This class for beginners focuses on the basics of Percussion performance (offered Fall Semester only)
Intro to Music History	53.0140001	S2	9-12	None	This class is a survey of music history from the modern era to the classical era (offered Spring Semester only)
AP Music Theory	53.0230001 53.0230002	Y	11-12	Concurrent enrollment in band, chorus, orchestra, or teacher recommendation	College Board AP Course Descriptions



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PHYSICAL EDUCATION					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
General Health (required course for graduation)	17.0110001 17.0110002	S	9	None	Wellness concepts, human sexuality, State ADAP requirements, CPR training, first aid procedures, safety practices, and responsibility for health decisions.
Personal Fitness (required course for graduation)	36.0510001 36.0510002	S	10-12	None	Personal fitness program, stress management, fitness games, nutrition, and weight training.
Beginning Weight Training	36.0540001 36.0540002	S	9-12	None	Introduction to weight training and conditioning introduces correct lifting form; individual weight training programs are designed according to individual abilities
Advanced Weight Training	36.0640001 36.0640002	S	10-12	Beginning Weight Training	Advanced weight training is designed to teach highly motivated students advanced techniques in developing muscular strength and endurance, as well as aerobic conditioning. Students will strength train and condition their bodies by learning and performing various techniques including power lifting, Olympic lifting, CrossFit training, speed/agility training, resistance band training, and cardiovascular endurance/interval training through periodization and overload principles. Students will increase their flexibility by learning and performing a variety of static and dynamic stretches. Fitness testing will be conducted twice each semester.
Physical Conditioning (Weight Training 3)	36.0520001 36.0520002	S	11-12	Advanced Weight Training	Physical Conditioning is designed to teach highly motivated students advanced techniques in developing muscular strength and endurance, as well as aerobic conditioning. Students will strength train and condition their bodies by learning and performing various techniques including power lifting, Olympic lifting, CrossFit training, speed/agility training, resistance band training, and cardiovascular endurance/interval training through periodization and overload principles. Students will increase their flexibility by learning and performing a variety of static and dynamic stretches. Fitness testing will be conducted twice each semester.
Adv. Physical Conditioning	36.0620001 36.0620002	S	9-12	Recommendation from Chattahoochee JV or Varsity Coach	This course is designed to develop Chattahoochee JV and Varsity athletes. Coaches will make the recommendation for participation in this class to align with their in season rosters and team goals.
Recreational Games	36.0270001 36.0270002	S	9-12	None	Badminton, table tennis, bowling, pickle ball, bocce ball and tennis. Final exam may be scheduled at a local bowling range



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SCIENCE					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Biology	26.0120001 26.0120002	Y	9	Meet Fulton County Placement Guidelines	Biology is a two semester lab science course in which the student will develop scientific process skills and laboratory techniques, research skills, develop an understanding of the nature of biology, cellular biology matter and energy relationships, and biochemistry, genetics, the theory of evolution, the diversity of life (classification system), the human body and ecology. This is a lab inclusive course with 25% of the time expected to be spent in the lab. An end of course test (EOC) in biology is administered second semester to assess the progress of the students in the course. This test counts as the final exam for second semester and is 20% of the final grade. This course is required for graduation.
Honors Biology	26.0120041 26.0120042	Y	9	Meet Fulton County Placement Guidelines	Honors Biology is a lab science course designed for the advanced academic student who can critically analyze and apply biological concepts, the ability to gain information on the scientific processes through critical reading, and one who possesses strong organizational skills. This challenging course focuses on cytology, ecology, genetics, evolution, taxonomy, microbiology, botany, and zoology. Honors Biology students are required to complete an in-depth, individual literature review and research paper during the first semester. This is a lab inclusive course with 25% of the time expected to be spend in the lab.
AP Biology	26.0140001 26.0140002	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions Prerequisites; Successful completion of biology and chemistry. Teacher recommendation required
Physics	40.0810001 40.0810002	Y	11-12	Meet Fulton County Placement Guidelines	This lab science course provides students with the necessary knowledge and skills in Physics. Physics extends the physical sciences to more abstract concepts including interactions of matter and energy, velocity, acceleration, forces, energy, momentum, thermodynamics, charge, electricity, magnetism, waves, light, optics, and subatomic physics. The subject is treated both conceptually and mathematically. Concepts are investigated through laboratory experiences and fieldwork designed for students to develop appropriate knowledge and skills in science as inquiry. This is a lab inclusive course with 25% of the time expected to be spent in the lab.



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AP Physics I	40.0831001 40.0831002	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions Prerequisites: Successful completion of biology and chemistry. Teacher recommendation required. It is recommended that Pre-Calculus Honors or a higher-level math course be taken concurrently.
AP Physics C Mech AP Physics C Elec	40.0841001 40.0842002	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions Prerequisites: Successful completion of biology and chemistry. Teacher recommendation required. It is recommended that the student take AP Physics B as their first-year physics course and AP Calculus BC
Chemistry	40.0510001 40.0510002	Y	10-12	Meet Fulton County Placement Guidelines	This lab science course covers topics including the nature of matter and its classifications; atomic theory and the characteristics of atoms; the effects the motion of atoms and molecules have in chemical and physical processes; the organization of the periodic table and how to use it to predict properties of elements; how atoms combine to make chemicals and then recombine in chemical reactions; factors that can affect chemical reactions; characteristics of acids, bases, solutions; other topics as time allows. Chemistry students should have strong algebra and problem-solving skills and a firm grasp of the scientific method and its application. This is a lab inclusive course with 25% of the time expected to be spend in the lab.
Honors Chemistry	40.0510041 40.0510042	Y	10-12	Meet Fulton County Placement Guidelines	This course is a lab science course. Skills needed for this course are the ability to apply past learning to new concepts; the demonstration of abstract and higher-level thinking; the ability to perform algebraic manipulations easily; the ability to read critically; self-motivation; and experience in writing formal lab reports. Topics covered in this yearlong course are characteristics of science, the nature and classification of matter, stoichiometry, and conservation of matter, the atom, the atomic theory, the periodic table, and reaction rates. Honors Chemistry students are required to complete and in-depth, individual literature review during the first semester. This is a lab inclusive course with 25% of the time expected to be spent in the lab.
AP Chemistry	40.0530001 40.0530002	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions Prerequisites: Successful completion of biology and chemistry. Teacher recommendation required.
Environmental Science	26.0611001 26.0611002	Y	11-12	Meet Fulton County Placement Guidelines	Environmental Science is a lab science course that integrates the study of many components of our environment, including the flow of energy and the cycling of matter, the interconnection of all life, the stability and



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					change in ecosystems, conservation and resource allocation, and evaluation of human activity and technology. Instruction focuses on student data collection and analysis and interpretation of data gathered on global concepts. This is a lab inclusive course with 25% of the time expected to be spent in the lab.
AP Environmental Science	26.0620001 26.0620002	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions Prerequisites: Three years of science including biology, chemistry, and physics or physical science honors. Teacher recommendation required.
Earth Systems	40.0640001 40.0640002	Y	11-12	Meet Fulton County Placement Guidelines	Earth Systems is a lab science course designed to investigate the connections among Earth's systems through Earth's history. These systems-the atmosphere, hydrosphere, geosphere, and biosphere- interact through time to produce the Earth's landscapes, ecology, and resources. This course 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. This is a lab inclusive course with 25% of the time expected to be spend in the lab.
Forensic Science	40.0930001 40.0930002	Y	11-12	Biology & Chemistry	The Forensic Science curriculum is designed to build upon science concepts and to apply science to the investigation of crime scenes. It serves as a fourth year of science for graduation and may serve in selected Career Technology programs. 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. Prerequisite: Chemistry
Zoology	26.0710001 26.0710002	Y	11-12	Biology & Chemistry	Modern zoology is the study of all things dealing with animals. As the science has advanced over the decades, modern zoologists study more than just recognition and classification of animals; their attention now includes animal anatomy, physiology, development, histology, ecology, behavior, and evolution. The 'story' of animals is told through evolutionary patterns across deep spans of time. Thus, the focus of this course is the recognition of 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, this course teaches students



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					about the anatomical and physiological characteristics of animals. These characteristics relate to how an animal functions and can help students see the connections uniting particular animal groups.
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SOCIAL STUDIES					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
American Government & Civics	45.0570001 45.0570002	S	9	Meet Fulton County Placement Guidelines	This course focuses on the political structure and decision-making process in the United States at the national level. It will also address citizenship and help develop the students' problem-solving skills. The course will include specific facts, basic concepts, analytical questions, and generalizations associated with the U.S. Constitution, federal government, democracy, politics, laws, international affairs, and rights and responsibilities of citizens. Students will be required to gain a working knowledge of the political system in the United States and to understand their role as active participants in the formation of public policy.
AP U.S. Government and Politics	45.0520001 45.0520002	Y	9	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
AP Human Geography	45.0770001 45.0770002	Y	9-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions AP Human Geography covers how humans have affected the world around them. The class covers such topics as Population, Pop Culture, Religion, Language, Agriculture, Development, Urban Planning, and Economics. The class does an excellent job of introducing students to the wide range of subjects within the social science field.
World History	45.0830001 45.0830002	Y	10	Meet Fulton County Placement Guidelines	World History is a yearlong course that attempts to trace the development of civilization from the earliest to the modern day. Students will identify the basic elements of all civilizations and trace the transition from the ancient to the advanced. Students will gain knowledge of important geography skills, recognizing patterns and connections, and will practice critical thinking skills. A strong emphasis is placed on relating historical events to current conditions of the world. Throughout the school year students will gain a global perspective of the events that helped create the society they live in today.
AP World History	45.0811001 45.0811002	Y	10	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
U.S. History	45.0810001 45.0810002	Y	11	Meet Fulton County Placement Guidelines	This is a yearlong class organized chronologically but which also focuses on the themes of American democratic heritage, reform movements, and global interdependence. In the first semester, connections are made with enduring social, economic, and political issues in the context of the time period covering the settlement of North America through the early



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					twentieth century. The semester includes an exploration of the development of and challenges to democracy as well as an analysis of national growth and reform. Second semester focuses on the United States' 20th century role as a world power, leadership in global events, domestic social change, and the role of the United States in the modern world. All students will take the Georgia Milestone EOC spring semester which will count 20% of their grade.
AP U.S. History	45.0820001 45.0820002	Y	11	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
Personal Finance and Economics	45.0610001 45.0610002	S	12	Meet Fulton County Placement Guidelines	In addition to the fundamentals of economic decision-making, microeconomics, macroeconomics, and international economics, students will learn personal finance skills they can apply to their own futures – including managing and balancing budgets; understanding and building credit; protecting against identity theft and consumer protections; and understanding tax forms, student loan applications, and pay stubs. Economics is the study of how individuals, businesses, and governments make decisions about the allocation of scarce resources. This course provides students with a foundation in the field of economics, with a specific focus on how students can apply that knowledge to their own personal finances.
AP Microeconomics	45.0630001	S	12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
AP Macroeconomics	45.0620002	S	12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
Sociology	45.0310001 45.0310002	S	11-12	Meet Fulton County Placement Guidelines	Sociology is the scientific study of human social interaction. Students will use current readings and class discussions to explore such topics as social groups; social institutions-family, education, religion, economy, and government; social stratification and inequality; deviance; collective behavior and social change.
Sports in American Society	45.0190001 45.0190002	S	9-12	None	This elective course examines the vital sociological role of sport in the making of United States society and culture, and vice-versa. The course analyzes the reasons for and popularity of youth, high school, collegiate, and professional sports and the interrelationship between sports and



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					other social institutions, such as the economy, education, media, and politics. Inequalities and deviance in society that are reflected in sports are discussed, along with social progress championed through sports. Current issues and controversies in sports that are a microcosm of society are also presented.
AP African American Studies	45.0191041 45.0191042	Y	10-12	Meet Fulton County Placement Guidelines	Advanced Placement (AP) African American Studies is a yearlong Social Studies elective. The interdisciplinary course reaches into a variety of fields—literature, art, music, geography, politics, and pop culture—to explore the vital contributions and experiences of African Americans. The history of African Americans is traced from their African diaspora all the way up to the modern day. Units of study will include early African empires, slavery and resistance, Reconstruction and the practice of freedom, the civil rights movement, and contemporary issues. Students will study topics ranging from the significance of Marvel Studios' <i>Black Panther</i> to King Mansa Musa of Mali to the Harlem Renaissance to today's diversity within Black communities. Students will earn 7 Honors points for this course and have the opportunity to take the AP exam at the end of the year, which may earn them college credit.
AP European History	45.0840001 45.0840002	Y	10-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
AP Psychology	45.0160011 45.0160012	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
AP Research	45.0182001 45.0182002	Y	11-12	AP Seminar	College Board AP Course Descriptions



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TALENTED & GIFTED DEPARTMENT					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
Directed Study	70.2320001 70.2320002	S	11-12	Approval of TAG teacher – must have a signed Directed Study form. Please obtain the form from the TAG office	This course allows TAG students to develop their own course of study. Students plan the content of the course, projects to be produced, and the methods of evaluation to be used. Each course of study must include a minimum of twelve gradable experiences. Students work with a TAG teacher who directs their study. Prerequisites: Students must complete an application, and have it approved by the department prior to the quarter in which the Directed Study is being requested. The deadline for approval is midterm of the previous semester.
Gifted Career Internship	70.2210001 70.2210002	S	11-12	Approval of TAG teacher & TAG seminar “Hire Me”	This course provides an on-site, mentor study opportunity for students with a career interest in fields such as accounting, advertising, architecture, banking, engineering, journalism, law, medicine, Veterinary medicine, etc. Students are placed with a professional in their field of choice, at a job site, to earn course credit. Students are enrolled in an Internship class, typically 7 th period. Students must have their own transportation to job sites. Gifted internships are unpaid.



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WORLD LANGUAGES DEPARTMENT					
COURSE TITLE	COURSE #	TERM	GRADE(S)	PREREQUISITE(S)	COURSE DESCRIPTION
French 1	60.0110001 60.0110002	Y	9-12	Meet Fulton County Placement Guidelines	Sound systems, French alphabet, familiar words and phrases, greetings, family and friends, numbers and time, dates, weather/seasons, food/meals, city life, shopping, leisure, and culture.
French 2	60.0120001 60.0120002	Y	9-12	Meet Fulton County Placement Guidelines	School and class routines, family and relations, self and daily routines, clothing, body parts, shopping, money, banking, directions, community sites, food, meals, transportation, holidays, vacations.
French 2 Honors	60.0120041 60.0120042	Y	9-12	Meet Fulton County Placement Guidelines	In-depth study of all topics in French 2 with heavy emphasis on listening and speaking proficiency with additional authentic francophone sources; beginning preparation for AP French
French 3	60.0130001 60.0130002	Y	10-12	Meet Fulton County Placement Guidelines	Daily routines, family relations, history, geography, travel, accommodations, festivals, leisure time, food, current events, careers, aspects of art and literature
French 3 Honors	60.0130041 60.0130042	Y	10-12	Meet Fulton County Placement Guidelines	In-depth study of all topics in French 3 with heavy emphasis on listening and speaking proficiency with additional authentic francophone sources; continuing preparation for AP French
French 4 Honors	60.0140041 60.0140042	Y	11-12	Meet Fulton County Placement Guidelines	Intense development of communicative, cultural, and advanced grammatical competence; final preparation for AP French; near-exclusive use of French in class
AP French Language and Culture	60.0170001 60.0170002	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
Spanish for Native Speakers 1	60.0790001 60.0790002	Y	9-10	Meet Fulton County Placement Guidelines	This sequenced course focuses on the development of intermediate communicative competence in reading, writing, speaking, and listening and viewing, as well as on understanding Hispanic cultures and issues of identity for heritage speakers of Spanish in the United States. Students will also develop an awareness and understanding of Hispanic cultures, including language variation, customs, geography, history, and current events.
Spanish for Native Speakers 2	60.0791001 60.0791002	Y	10-11	Meet Fulton County Placement Guidelines; Placement Test	Students will exchange a variety of oral and written information and ideas in Spanish on topics related to contemporary events and issues, utilizing cultural references where appropriate. They will initiate, sustain, and close oral and written exchanges in Spanish, applying familiar vocabulary and structures to new situations.



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Spanish 1	60.0710001 60.0720002	Y	9-12	Meet Fulton County Placement Guidelines	Numbers, weather, colors, celebrations, family, routines, self, school, clothing, shopping, food, transportation, body parts, health/emotions, animals, leisure time, sports, geography
Spanish 2	60.0720001 60.0720002	Y	9-12	Meet Fulton County Placement Guidelines	Leisure time, travel, food/restaurants, fine arts, news, childhood experiences, family, celebration, daily routines, beach, chores, and health; Spanish-speaking countries and Latino culture in the U.S.
Spanish 2 Honors	60.0720041 60.0720042	Y	9-12	Meet Fulton County Placement Guidelines	In-depth study of all topics in Spanish 2 with heavy emphasis on listening and speaking proficiency with additional authentic Spanish-language sources; beginning preparation for AP Spanish
Spanish 3	60.0730001 60.0730002	Y	10-12	Meet Fulton County Placement Guidelines	Vacations and hobbies, health and diet, urban life and culture, music, geography and politics, clothing, celebrations, household, environment, occupations, and fashion; Spanish-speaking countries and Latino culture in the U.S.
Spanish 3 Honors	60.0730041 60.0730042	Y	10-12	Meet Fulton County Placement Guidelines	In-depth study of all topics in Spanish 3 with heavy emphasis on listening and speaking proficiency with additional authentic Spanish-language sources; continuing preparation for AP Spanish
Spanish 4	60.0740001 60.0740002	Y	10-12	Meet Fulton County Placement Guidelines	Intense development of communicative, cultural, and advanced grammatical competence; final preparation for AP Spanish; near-exclusive use of Spanish in class
Spanish 4 Honors	60.0740041 60.0740042	Y	11-12	Meet Fulton County Placement Guidelines	Intense development of communicative, cultural, and advanced grammatical competence; final preparation for AP Spanish; near-exclusive use of Spanish in class
AP Spanish Language and Culture	60.0770001 60.0770002	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions
Latin 1	61.0410001 61.0410002	Y	9-12	Meet Fulton County Placement Guidelines	Latin pronunciation, vocabulary and derivatives; basic grammar, reading, mythology; Roman history, culture, and art; Pompeii; Alexandria; Roman Britain
Latin 2	61.0420001 61.0420002	Y	10-12	Meet Fulton County Placement Guidelines	Further study of pronunciation, vocabulary, derivatives; Latin grammar, reading, mythology; Roman history and culture- Roman Britain, Roman military, building and engineering, entertainment, society, the city of Rome, the Roman forum
Latin 2 Honors	61.0420041 61.0420042	Y	10-12	Meet Fulton County Placement Guidelines	In-depth study of all topics in Latin 2; in addition, literary analysis of texts from original Roman



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Latin 3 Honors	61.0430041 61.0430042	Y	11-12	Meet Fulton County Placement Guidelines	Further study of the Latin language, including grammar, vocabulary, and literature. Students also study Roman history, culture, mythology, and religion by reading original ancient texts.
AP Latin	61.0480001 61.0480002	Y	11-12	Meet Fulton County Placement Guidelines	College Board AP Course Descriptions