

Cambridge High School

Curriculum Guide 2018 – 2019



2845 Bethany Bend
Milton, Georgia 30004
470-254-2883
Cambridgehs.org

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It is the policy of Cambridge High School and the Fulton County School System not to discriminate on the basis of race, color, sex, religion, national origin, age, or disability in any employment practice, educational program or any other program, activity, or service.



Dear Students and Parents:

As your principal, I encourage you to take advantage of the diverse curricular offerings at Cambridge High School. This online booklet provides course descriptions and other scheduling tools. In addition, it is important for you to refer to Fulton County's placement guidelines for core academic courses and Cambridge High School's placement guidelines for AP and honors courses. You can find these documents at cambridgehs.org > About > Academics.

I advise you to choose courses that are rigorous and challenging, but caution against the selection of coursework that may become unmanageable. Students should take into account their entire course load rather than look at individual courses in isolation. In other words, a junior might have the aptitude and meet the placement guidelines for taking honors 11th American Literature and Composition, Advanced Placement U.S. History, and Honors Spanish 4; however, taking all of these courses in the same year might become overwhelming.

Students should consider not only their academic goals and strengths, but also their other commitments and interests such as extra-curricular activities, athletic practice and game schedules, afterschool jobs, and family responsibilities. Research indicates that students who take part in activities outside of the traditional classroom tend to perform better academically than do their peers who are not involved in other pursuits, so students should not discount the importance of a well-rounded life. The goal is balance.

I encourage you to continue to review course request and scheduling information on cambridgehs.org., in newsletters and email blasts, and in verification forms. Our counselors are always available to answer questions and provide guidance, and their website, cambridgeguidance.com, is another helpful tool. Our faculty is another valuable source of information about course selection and can be reached through email on the school's website.

Sincerely,

Edward J. Spurka, EdD.
Principal

Recommendation Guidelines for 2018-2019

Teachers of pre-requisite core courses (English, Mathematics, Science, Social Studies, and World Languages) are responsible for making appropriate course recommendations for the next school year. Teachers will complete this process on-line through the Teacher Access Center (TAC). These recommendations will generate the First Course Verification Form that will be distributed to students on January 29. Students will then have an opportunity to review their teachers' recommendations and make any necessary changes. Students will receive two additional Course Verification Forms before the end of this school year, allowing them to update their course requests, if necessary, before the final deadline of May 24, 2018.

Students are encouraged to pursue a challenging course of study; however, they should keep in mind that the demands of on-level, honors-level and Advanced Placement (AP) courses vary. Students should consider their entire course load and aim for a balanced schedule by taking into account teacher recommendations, District placement guidelines, course load, extra-curricular commitments, interest level, after-school jobs, future goals, and other factors when signing up for honors-level and AP courses. Teachers, parents, and students are encouraged to use the following chart to provide additional guidance in making course selections. Students who receive two or more ratings of 1 or 2 are not strong candidates for honors or AP classes.

This student . . .	1 Never or Rarely	2 Sometimes or Sporadically	3 Often or Frequently	4 Always
masters concepts <u>without</u> use of recovery.				
works well independently (<u>without</u> additional tutoring or outside help).				
is a strong self-advocate.				
shows interest in subject.				
exhibits strong organizational skills.				
is self-motivated.				
utilizes time wisely.				
demonstrates a strong work ethic.				
completes assignments on time.				

No student who meets the criteria outlined in the District placement guidelines should be prevented from taking a course, but this is only one criteria used to determine appropriate placement. District placement guidelines are posted at Cambridgehs.org: click on "About" and then "Academics" to access this document.

In determining placement for students who fall short of the criteria, overall aptitude demonstrated by evidence from past performance and teacher feedback should be considered, bearing in mind what is in the best interests of the student.

After considering teacher recommendations and the guidance charts, parents may sign a waiver for placement in an accelerated, honors, or Advanced Placement course if a student does not meet the District placement guidelines. The waiver form is posted at Cambridgehs.org. Click on "About" and then "Academics" to access this document.

For assistance in using the guidelines, please contact your guidance counselor:

Guidance Counselor Assignments

Last name A – Di	Ms. Ficklin	ficklins@fultonschools.org
Last name Do – Ji	Ms. Evans	evansJL@fultonschools.org
Last name Jo – Na	Ms. Sherman	shermangs@fultonschools.org
Last name Ne – Sta	Ms. Yoo	yooj1@fultonschools.org
Last name Ste – Z	Ms. Carvell	carvella@fultonschools.org

ART

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
Introduction to Art (prerequisite for ALL other art courses)	50.0211001	S	9-12	None	This semester- long introductory course 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.
Ceramics 1	50.0411001	S	9-12	Introduction 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 methods of surface treatment, firing, and other related aspects. Ceramic history, aesthetics, and art criticism will be incorporated throughout the course. 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 2	50.0412001	S	10-12	Ceramics 1	
Graphic Design 1	50.0721001	S	9-12	Introduction to Art	Graphic Design 1 introduces graphic design as seen in posters, advertisements, logos, illustrations, signs, and package or product designs. Covers selected graphic design elements, vocabulary and the media, tools, equipment, techniques, processes and styles used for graphics. Investigates the historical development of graphics design and its function in contemporary society. Stresses using the computer as a major design tool; explores career opportunities. Students are introduced to and achieve several projects through the use of Adobe Creative Suite, specifically Illustrator. Graphic Design 2 expands on students' software knowledge and design principles from Graphic Design 1 to learn additional Creative Suite Software and apply this knowledge into real-world based projects. This course begins with a deepening understanding of design movements and grid theory through presentation-based research, and an introduction to the industry-standard design software, InDesign CS. Students then use their skills to achieve projects in Editorial Design, Media Packaging Design, Social Awareness Media Campaigns, and Digital Illustration, as well as final exit portfolios.
Graphic Design 2	50.0722001	S	10-12	Graphic Design 1	
Drawing 1	50.0311001	S	9-12	Introduction to Art	Drawing 1 instructs students in fundamental drawing skills and prepares them to make the transition to alternative and dynamic approaches in mark-making. 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, conte, oil pastels. Art history, criticism and aesthetics are incorporated with studio production of drawings and paintings. Drawing 2 continues to strengthen composition and drawing skills. The course includes studies in color sensitivity and a wide range of media and techniques. Drawing 2 builds on skills learned in Drawing 1. It differs in that the artworks produced are theme based with a more conceptual approach. Students have more freedom to choose subject matter of the work which will challenge student creativity.
Drawing 2	50.0312001	S	10-12	Drawing 1	

Painting 1 Painting 2	50.0321001 50.0322001	S 	10-12	Drawing 1 Painting 1	<p>Painting 1 establishes fundamental painting skills and strengthen composition and drawing skills. The course includes studies in color sensitivity and a wide range of water based media and techniques. This is a course designed to introduce foundational painting concepts and techniques new to the student in order to prepare them for other 2-D courses that rely on drawing and painting skills.</p> <p>Painting 2 students begin working on creating a unique artistic style and developing a portfolio. Students are free to generate ideas as subject matter for their artwork and use the skills learned in previous 2-D courses to inform their aesthetic decision making.</p>
Photography 1 Photography 2	50.0711001 50.0712001	S S	9-12 10-12	Introduction to Art Photo 1	<p>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.</p> <p>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 35mm camera, develop and print images from black and while film and refine darkroom and printing techniques. The course incorporates aesthetics, art criticism, art history and a brief introduction to digital photography.</p>
Sculpture 1 Sculpture 2	50.0611001 50.0612001	S	9-12 10-12	Introduction to Art Sculpture 1	<p>Sculpture 1 introduces students to the <i>production</i> 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 a variety of media. Students are expected to make connections as they explore <i>meaning</i>, develop <i>creative thinking</i> skills, search for <i>contextual understanding</i> resulting in authentic <i>assessment</i> and <i>reflection</i>.</p> <p>Sculpture 2 offers in-depth study to the <i>production</i> 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 <i>meaning</i>, develop <i>creative thinking</i> skills, search for <i>contextual understanding</i> resulting in authentic <i>assessment</i> and <i>reflection</i>.</p>
Printmaking 1 Printmaking 2	50.0511001 50.0512011	S S	9-12 10-12	Introduction to Art	<p>Printmaking 1 is an introduction to printmaking using screen printing, linoleum relief, and etching. A variety of media and tools are explored. Students learn design processes to create visual works of art in the printed form. Instead of using a digital printer, students become the printer. The elements of art and principles of design are used to analyze, design, create, and evaluate prints. The course combines aesthetics, art criticism, and art history with production of print series.</p> <p>Printmaking 2 continues building the student knowledge of the image-making process. Students develop understanding of monotype, collograph, advanced relief, and alternative processes to add to their portfolios.</p>
AP Drawing AP 2D Design AP 3D Design ***AP Art History ***contingent on interest	50.0811010 50.0813010 50.0814010 50.0921010	Y Y Y Y	11-12	Teacher Recommendation	AP level content culminating in AP portfolio submission and/or AP exam

CAREER & TECHNICAL COURSES

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
Introduction to Digital Technology	11.4150000	Y	9-12	None	<p>Introduction to Digital Technology is the foundational course for Web & Digital Communications, and the Advanced Programming 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.</p> <p>Adobe Creative Cloud, HTML, CSS and JavaScript will be highlighted to expose students to the emerging technologies impacting the digital world. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of both the employability skills standards and content standards for this course.</p>
Digital Design	11.4510000	Y	10-12	Introduction to Digital Technology	<p>Students will use Adobe Creative Cloud to create and learn digital media applications using elements of text, graphics, animation, sound, video and digital imaging for various formats. The digital media and interactive media projects developed and published will showcase the student's skills and ability. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, digital citizenship, and web processes.</p> <p>Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. This is the second course in the Web Development Pathway.</p>
AP Computer Science Principles	11.0190010	Y	10-12	Introduction to Digital Technology and GSE Algebra 1	<p>AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and career.</p> <p>Whether it's 3-D animation, engineering, music, app development, medicine, visual design, robotics, or political analysis, computer science is the engine that powers the technology, productivity, and innovation that drive the world. Computer science experience has become an imperative for today's students and the workforce of tomorrow.</p> <p>The AP Program designed AP Computer Science Principles with the goal of creating leaders in computer science fields and attracting and engaging those who are traditionally underrepresented with essential computing tools and multidisciplinary opportunities. Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course.</p>
Web Design	11.4520000	Y	11-12	Digital Design	<p>Can you think of any company that does not have a web presence? Taking this course will equip students with the ability to plan, design, and create a web site. Students will move past learning how to write code and progress to designing a professional looking web site using graphical authoring tools that contains multimedia elements. Working individually and in teams, students will learn to work with web page layout and graphical elements to create a professional looking web site.</p>

					<p>Various forms of technologies will be used to expose students to resources, software, and applications of web design. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course. Web Design is the third course in the Web & Digital Design pathway in the Information Technology cluster.</p>
Work-Based Learning	06.7114001	S	11-12	None	<p>Work-based learning (WBL) is an educational strategy that provides students with real-life work experiences where they can apply academic and technical skills and develop employability skills. Students can join the WBL course for 2 class periods a day. For more information, visit Mrs. Campbell's site. Students in the WBL program have the following choices:</p> <ol style="list-style-type: none"> 1. Work at an employer site – can be paid or unpaid. Students typically have a job already, leads are available – see Mrs. Campbell RM 2445. There will be a Job Fair February 9th 2017 in the cafeteria during all lunches. 2. Teaching Assistant – if you are a Pathway completer of any Career Tech course you can intern with your teacher based on their selection practice – unpaid. 3. Apprentice in the Paw Prints school-based business – positions include: marketing, production, accounting, business operations, order fulfillment – interviews required. Scholarships may be awarded based on production. <p>Students MUST complete an application, sign a syllabus and be accepted into the program in any of the above scenarios. To be considered students must have a good attendance and discipline history. Applications are due before spring break 2017. Application & Syllabus are due March 31st 2017. Competencies in the co-curricular student organization, Future Business Leaders of America (FBLA), are integral components of the employability skills standard for this course.</p>
Introduction to Business and Technology	07.4413000	Y	9-12	None	<p>Business characteristics, ownership and communication, finance, human resources, leadership, international business, marketing</p>
Principles of Accounting	07.4110000	Y	10-12	Introduction to Business and Technology	<p>A skills-level course that is of value to all students pursuing a strong background in business, marketing, and management. Using financial information, students will learn how to make decisions about planning, organizing, and allocating resources using accounting procedures. Performing accounting activities for sole proprietorships and corporations following Generally Accepted Accounting Procedures are included in the course. Students analyze business transactions and financial statements, perform payroll, and evaluate the effects of the economics health of a business.</p>
Financial Literacy	07.4260000	Y	10-12	Introduction to Business and Technology	<p>How money smart are you? Step into this course specifically designed for high school students to understand the importance of the financial world, including planning and managing money wisely. Areas of study taught through application in personal finance include sources of income, budgeting, banking, consumer credit, credit laws and rights, personal bankruptcy, insurance, spending, taxes, investment strategies, savings accounts, mutual funds and the stock market, buying a vehicle, and living independently. Based on the hands-on skills and</p>

					knowledge applied in this course, students will develop financial goals, and create realistic and measurable objectives to be MONEY SMART! Financial Literacy places great emphasis on problem solving, reasoning, representing, and connecting and communicating financial data.
Legal Environment of Business	06.4150000	Y	10-12	Introduction to Business and Technology	Rights and responsibilities in personal law and business law; application activities to examine consumer, citizen and worker roles; US legal system and employer-employee relations
Entrepreneurship	06.4161000	Y	11-12	Legal Environment of Business	Market research, funding, location, marketing plan, management, accounting process, business ethics, culture, day-to-day operations, characteristics of an entrepreneur, goal-setting, business plan
Marketing Principles	08.4740000	Y	9-10	None	Marketing Principles addresses all the ways in which marketing satisfies consumer and business needs and wants for products and services. Students develop an understanding of the functions of marketing and how these functional areas affect all businesses. They learn basic marketing concepts and the role of marketing in our economy.
Introduction to Sports and Entertainment Marketing	08.4780000	Y	10-12	Marketing Principles	Business fundamentals, product mix, product knowledge, product/service management, business regulations, interpersonal skills, selling, marketing-information management, economics, distribution, pricing, advertising, publicity/public relations, sales promotion, business risks, and organization
Advanced Sports and Entertainment Marketing	08.4850000	Y	11-12	Marketing Principles and Introduction to Sports and Entertainment Marketing	Marketing-information management, selling, publicity/public relations, sales promotion, management of promotion, product mix, pricing, positioning, and marketing planning. Project-based instruction, together with a variety of work-based learning activities, should be incorporated in this course to provide real world application.
Audio and Video, Technology and Film 1	10.5181000	Y	9-10	None	Terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics
Audio and Video, Technology and Film 2	10.5191000	Y	10-12	Audio and Video, Technology and Film 1	Topics in video editing; multiple camera video production; topics in film style and lighting; career exploration; corporate video techniques; writing, editing and directing a variety of studio productions
Audio and Video, Technology and Film 3	10.5201000	Y	11-12	Audio and Video, Technology and Film 2	Independent production of a full television program; writing, producing, directing and editing studio productions
Foundations of Engineering Technology	21.4250000	Y	9-10	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	21.4710000	Y	10-12	Foundations of Eng & Technology	Technological concepts, process and systems, problem-solving, safety, teamwork, equipment, analysis and evaluation, and career opportunities

Engineering Applications	21.4720000	Y	11-12	Foundations of Eng & Technology Engineering Concepts	Engineering concepts, process and systems, problem solving, safety, teamwork, equipment, analysis and evaluation, and career opportunities
Introduction to Law, Public Safety, Corrections, and Security (ILPSCS)	43.4500000	Y	9-10	None	This course provides students with career-focused educational opportunities LPSCS fields. It examines the basic concepts of law related to citizens' rights and responsibilities. Students will receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training), basic firefighting, and civil and criminal law.
Criminal Justice Essentials	43.4510000	Y	10-12	Introduction to Law, Public Safety, Corrections, and Security	This course provides an overview of the criminal justice system. Starting with historical perspectives of the origin of the system, the course reviews the overall structure. Students will become immersed in criminal and constitutional law and will 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.
Forensic Science & Criminal Investigation	43.4520000	Y	11-12	Introduction to Law, Public Safety, Corrections, and Security Criminal Justice Essentials	This course will provide students with an opportunity to explore the basic processes and principles of forensic science as it relates to criminal investigation. Students will learn the importance of the identification, collection, and processing of evidence and of its contribution to the criminal investigation. Students will learn of the legal responsibilities and challenges which the forensic investigator may encounter. Students will also learn of the role of the criminal investigator. Included in this course will be the importance of preserving and documenting the crime scene and enabling the investigator to analyze evidence and its relationship to the crime. The student will also study interviews and interrogations and how those statements are used as evidence in court. Students will express understanding of their knowledge by composing clear, concise, and thorough investigative reports, indicating a successful conclusion to an investigation.
Law and Justice Internship - Work-based Learning	43.4340000	Y	11-12 (at least 16 years old)	Application	Work experience - This course allows students entering the workforce after graduation from high school to develop entry-level skills to become employed and to continue education on the job.
Introduction to Veterinary Science (Basic Agricultural Science)	02.4710000	Y	9-12	None	The first course in the Veterinary Science pathway, this course is designed as the foundational course for all Agriculture, Food & Natural Resources pathways. The course introduces the major areas of scientific agricultural production and research; presents problem-solving lessons, and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.
Animal Science Technology Biotechnology	02.4210000	Y	10-12	Introduction to Veterinary Science	This course is designed to introduce students to the scientific principles that underlie the breeding and husbandry of agricultural animals, and the production processing, and distribution of agricultural animal products. This course introduces scientific principles applied to the animal industry; covers reproduction production technology, processing, and distribution of agricultural animal products. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

Equine Science	02.4220000	Y	11-12	Basic Ag. Sci. AND Animal Sci. Tech & Biotech	This laboratory course is designed to introduce students to the scientific principles of breeding and husbandry of horses, including the production, care, and management of horses. Students will be introduced to classification of breeds of horses, as well as nutrition, reproduction, and disease prevention and management.
Agribusiness & Leadership	01.4120000	Y	11-12	Basic Ag. Sci. AND Animal Sci. Tech & Biotech	The Agribusiness Management and Leadership course provides a foundation for students interested in pursuing a degree in agribusiness through post-secondary study or to enter the Agribusiness industry upon graduation from high school. The student will demonstrate competence in the application of principles and practices of agribusiness management and leadership. The course will help students build a strong knowledge base of the agribusiness industry as they study agribusiness types, business management, financial analysis, communications, agricultural law, leadership and teamwork, ethics, and agricultural economics. Mastery of these standards through project-based learning and leadership development activities in the FFA and supervised agricultural experience program will help prepare students for post-secondary study or entry into agribusiness.
Veterinary Science	02.4240000	Y	12	Introduction to Veterinary Science AND Teacher Approval	The agricultural education course in veterinary science covers basics of animal care. Topics covered include disease, parasit feeding, shelter, grooming, and general animal care. The target population is career preparatory students desiring to continue education after high school or to enter the workforce after graduation from high and pursue a degree to enter the veterinary profession.
Agribusiness WBL	02.7114001	S	11-12 (at least 16 years old)	Application	Work experience - This course allows students entering the workforce after graduation from high school to develop entry-level skills to become employed and to continue education on the job.

ENGLISH

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
9th Literature	23.0610000	Y	9	None	Reading strategies, interpretation of literature, writing, and grammar.
9th Literature Honors	23.0610040	Y	9	See placement guidelines	Reading strategies, interpretation of literature, writing, and grammar.
10th Literature	23.0620000	Y	10	See placement guidelines	Reading strategies, interpretation of literature, writing, and grammar.
10th Literature Honors	23.0620040	Y	9*-10 *If students accepted 9 th Lit credit in MS	See placement guidelines	Reading strategies, interpretation of literature, writing, and grammar.
11th Literature	23.0510000	Y	10*-11 *If students accepted 9 th Lit credit in MS	See placement guidelines	Reading strategies, interpretation of American literature, writing and grammar.
11th Literature Honors	23.0510040	Y	10*-11 *If students accepted 9 th Lit credit in MS	See placement guidelines	Reading strategies, interpretation of American literature, writing and grammar.
AP Language & Composition with American Literature	23.0530010	Y	10*-11 *If students accepted 9 th Lit credit in MS	See placement guidelines	Advanced college level study of authors' styles and techniques, survey of American literature, review of writing skills, preparation for AP exam.
AP Language & Composition	23.0430010	Y	12	See placement guidelines	This advanced college level study of authors' styles and techniques, review of writing skills, and preparation for the AP exam. Completion of American Literature is a prerequisite.
AP Literature & Composition	23.0650010	Y	12	See placement guidelines	Advanced college level study of literature and critical approaches, review of writing skills, preparation for the AP exam.
College English	23.0340430	Y	12	Successful application to appropriate college	Freshman English college course
World Literature	23.0630000	Y	12	English 9, 10, & 11	Extensive analysis of literature from around the world and of various genres, and essential conventions for reading, writing, and speaking
Multi-cultural Literature	23.0670000	Y	12	English 9, 10, & 11	Extensive analysis of literature by and about people of diverse ethnic backgrounds; research project; writing modes and genres, and essential conventions for reading, writing, and speaking
English (British) Literature	23.0520001/2	Y	12	English 9, 10, & 11	Extensive analysis of British literature, writing modes and genres; research project; and essential conventions for reading, writing, and speaking
Contemporary Literature & Composition	23.0660001	S	12	None	This elective is a film study.
Mythology	23.0210001	S	12	None	This elective is a study and survey of Mythology in which students study ancient myths from a variety of cultures, including—but not limited to—Greek, Roman, Norse, Egyptian, Arabian, and Judeo Christian.
Journalism I Newspaper	23.0320000	Y	9 -12	Application	Study of newspaper journalism, production of school newspaper.
Journalism II Newspaper	23.0330000	Y	10-12	Newspaper I and Application	Advanced study of newspaper journalism, production of school newspaper.
Journalism III Newspaper	23.0350000	Y	11-12	Newspaper II and Application	Advanced study of newspaper journalism, production of school newspaper.

Journalism IV Newspaper	23.0360000	Y	12	Newspaper III and Application	Advanced study of newspaper journalism, production of school newspaper.
Journalism I Annual	23.0320007	Y	9-12	Application	Study of photo journalism, production of school annual.
Journalism II Annual	23.0330007	Y	10-12	Annual I and Application	Advanced study of photo journalism, production of school annual.
Journalism III Annual	23.0350007	Y	11-12	Annual II and Application	Advanced study of photo journalism, production of school annual.
Journalism IV Annual	23.0360007	Y	12	Annual III and Application	Advanced study of photo journalism, production of annual.
Journalism I Literary Magazine	23.0320008	Y	10-12	None	Study of literary publication, production of school literary magazine.
SAT Prep	35.0660001	S	10-12	None	Topics in mathematics and language arts and selected test-taking strategies related to successful test-taking.
Speech/Forensics I (Public Speaking)	23.0460001	S	9-12	None	Introduction to research skills, public speaking, and methods of debate including Lincoln-Douglas techniques of argumentation.
Speech/Forensics I (Debate)	23.0460000	Y	9-12	None	Students will learn public speaking skills and how to effectively weigh both sides of an issue through debate. Members can choose to participate in competitive debate through the CHS Debate Team. However, membership is not necessary to enroll in the course.

MATHEMATICS

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
GSE Algebra I	27.0990000	Y	9	See placement guidelines	Algebra 1 is the first course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra with correlated statistics applications. Major topics of this course include interpreting the structure of expressions and solving problems related to unit analysis; analyzing linear, quadratic and exponential functions including identifying key features of, creating, solving, and modeling graphically and comparing / contrasting these functions; analyzing data on a single count variable or on two categorical or quantitative variables.
Accelerated GSE Algebra I / Geometry A Honors	27.0994040	Y	9	See placement guidelines	This is the first in a sequence of two courses which results in students completing three years of high school mathematics in two years. The course represents a discrete study of algebra and geometry with correlated statistics applications. Major topics of this course include interpreting the structure of expressions and solving problems related to unit analysis; analyzing linear, quadratic and exponential functions including identifying key features of, creating, solving, and modeling graphically and comparing / contrasting these functions; analyzing data on a single count variable or on two categorical or quantitative variables; transformations on the coordinate plane; identifying criteria for congruence and similarity of triangles, leading to an understanding of right triangle trigonometry; using the Pythagorean Theorem and the relationship between the sine and cosine of complementary angles to solve problems involving right triangles.
GSE Geometry	27.0991000	Y	10	See placement guidelines	Geometry is the second course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of geometry with correlated statistics applications. Major topics of this course include transformations on the coordinate plane; identifying criteria for congruence and similarity of triangles, leading to an understanding of right triangle trigonometry; using the Pythagorean Theorem and the relationship between the sine and cosine of complementary angles to solve problems involving right triangles; developing and explaining formulas related to circles and the volume of solid figures and using the formulas to solve problems; using the concepts of distance, midpoint, and slope to verify algebraically geometric relationships of figures in the coordinate plane; using independence and conditional probability to interpret data.
GSE Geometry Honors	27.0991040	Y	9 Because this course offers 7 honors points, it is only for students who are a year or more ahead in mathematics.	See placement guidelines	Course description is the same as GSE Geometry. The distinction is that the course only is offered to students who are a year ahead in mathematics.

Accelerated GSE Geometry B/Algebra II Honors	27.0995040	Y	9-10	See placement guidelines	This is the second in a sequence of two courses which results in students completing three years of high school mathematics in two years. The course represents a discrete study of geometry and algebra II with correlated statistics applications. Major topics of this course include developing and explaining formulas related to circles and the volume of solid figures and using the formulas to solve problems; using the concepts of distance, midpoint, and slope to verify algebraically geometric relationships of figures in the coordinate plane; using independence and conditional probability to interpret data; solving quadratic equations with complex solutions and extending the laws of exponents to rational exponents; finding inverse functions and verifying by composition; analyzing polynomial, radical, rational, exponential and logarithmic functions including identifying key features of, creating, solving, and modeling graphically and comparing / contrasting these functions; exploring the effects of transformations on graphs of diverse functions, identifying appropriate functions to model a situation including the use of piecewise functions.
GSE Algebra II	27.0992000	Y	11	See placement guidelines	Algebra II is the third course in a sequence of three required high school courses designed to ensure career and college readiness. The course represents a discrete study of algebra II with correlated statistics applications. Major topics of this course include solving quadratic equations with complex solutions and extending the laws of exponents to rational exponents; finding inverse functions and verifying by composition; analyzing polynomial, radical, rational, exponential and logarithmic functions including identifying key features of, creating, solving, and modeling graphically and comparing / contrasting these functions; exploring the effects of transformations on graphs of diverse functions, identifying appropriate functions to model a situation including the use of piecewise functions; relating visual displays and summary statistics to different types of data, identifying ways of collecting data, considering the role that randomness and careful design play in appropriate conclusions.
GSE Algebra II Honors	27.0992040	Y	10 Because this course offers honors points, it is only offered to students who are a year or more ahead in mathematics.	See placement guidelines	Course description is the same as GSE Algebra II. The distinction is that the course only is offered to students who are a year ahead in mathematics.
GSE Pre-Calculus	27.0974000	Y	12	See placement guidelines	Pre-Calculus is a fourth mathematics course option designed to prepare students for Calculus and similar college mathematics courses. Major topics include analyzing and using trigonometric functions, their graphs, and their inverses; using trigonometric identities to solve problems and verify equivalence statements; solving trigonometric equations analytically and with technology; finding areas of triangles using trigonometric relationships; performing operations on matrices, using matrices in applications and to represent and solve systems of equations; investigating and using conic sections; using complex numbers in trigonometric form, understanding and using vectors, exploring polar equations; extending the study of probability, calculating expected values and using them to solve problems and make informed decisions.

Accelerated GSE Pre-Calculus Honors	27.0977040	Y	10-11	See placement guidelines	This is the third mathematics course for students who have completed Accelerated Algebra 1/Geometry A and Accelerated Geometry B/Algebra II. Major topics include analyzing and using trigonometric functions, their graphs, and their inverses; using trigonometric identities to solve problems and verify equivalence statements; solving trigonometric equations analytically and with technology; finding areas of triangles using trigonometric relationships; performing operations on matrices, using matrices in applications and to represent and solve systems of equations; investigating and using conic sections; using complex numbers in trigonometric form, understanding and using vectors, exploring polar equations; relating visual displays and summary statistics to different types of data, identifying ways of collecting data, considering the role that randomness and careful design play in appropriate conclusions; extending the study of probability, calculating expected values and using them to solve problems and make informed decisions.
GSE Pre-Calculus Honors	27.0974040	Y	11 Because this course offers honors points, it is only offered to students who are a year or more ahead in mathematics	See placement guidelines	Course description is the same as GSE Pre-Calculus. The distinction is that the course only is offered to students who are a year ahead in mathematics.
Advanced Mathematical Decision Making	27.0850000	Y	12	See placement guidelines	Advanced Mathematical Decision Making is a fourth mathematics course option. Major Topics include a more in-depth study of statistical information, summaries, and methods of designing and conducting statistical studies; voting processes, modeling of data, and basic financial decisions; use of network models for making informed decisions.
Calculus	27.0780000	Y	12	See placement guidelines	Calculus is a fourth mathematics course option for students who have completed Pre-Calculus, Pre-Calculus Honors or Accelerated Pre-Calculus Honors. Major topics include numerical, graphical, and analytic evaluation of limits, derivatives, and integrals of polynomial, rational, radical, trigonometric, logarithmic, and exponential functions.
AP Calculus AB	27.0720010	Y	11 – 12	See placement guidelines	AP Calculus AB is a fourth mathematics course option for students who have completed Accelerated Pre-Calculus Honors or Pre-Calculus Honors. Major topics include numerical, graphical, and analytic evaluation of limits, derivatives, and integrals of polynomial, rational, radical, trigonometric, logarithmic, and exponential functions. An emphasis will be given toward applications, such as the relationship between position, velocity, and acceleration. Differentiation and integration techniques will be developed within the context of limits, including using secant lines to approximate tangent lines and using Riemann sums to approximate area. Specific content includes the Intermediate, Extreme, and Mean Value Theorems, the Fundamental Theorem of Calculus, and the average value of a function. The course concludes with calculating volumes of rotational solids.
AP Calculus BC	27.0730010	Y	11 – 12	See placement guidelines	AP Calculus BC is a fourth mathematics course option for students who have completed Accelerated Pre-Calculus Honors. Major topics include numerical, graphical, and analytic evaluation of limits, derivatives, and integrals of polynomial, rational, radical, trigonometric, logarithmic, and exponential functions. An emphasis will be given toward applications, such as the relationship between position, velocity, and acceleration. Differentiation and integration techniques will be developed within the context of limits, including using secant lines to approximate tangent lines and using Riemann sums to approximate area. Specific content includes the Intermediate, Extreme, and Mean

					Value Theorems, the Fundamental Theorem of Calculus, and the average value of a function. Volumes of rotational solids are calculated. Additional BC topics include calculating arc lengths of functions, advanced integration techniques such as Integration by Parts, and finding the area bounded by polar functions. The course concludes with a study of sequences, series, and Taylor polynomials.
AP Statistics	27.0740010	Y	11 – 12	See placement guidelines	AP Statistics is a fourth mathematics course option or an elective for students who have completed Accelerated Geometry B/Algebra II, or Algebra II Honors. AP Statistics is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Major topics include introduction to statistics, descriptive statistics; probability, probability distributions, normal probability distributions, estimates and sample size, hypotheses testing; inferences from two samples; correlation and regression; experimental design and sampling.
AP Computer Sci. A	11.0160010	Y	11 – 12	See placement guidelines	Major themes include critical thinking and problem solving in computer programming. Students design, implement, and analyze solutions as well as write, run, test, and debug solutions in the Java programming language. Students should have completed Algebra II or Pre-Calculus (preferred).
Multivariable Calculus II/III (Ga Tech Distance Learning)	27.0C23430	Y	12	AP Calculus BC Application to university	<i>For information please contact Georgia Tech Admissions by visiting http://admiss.gatech.edu/dcp/</i>

NON-DEPARTMENTAL COURSES

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
Office Aide	35.0410001	S 1	12	None	Assistance with office duties; interacting with adults in an office setting
	35.0410002	S 2	12		
Mentorship	70.0110001	S 1	12	None	Practical application of teaching methods working with elementary, middle, or high school classes
	70.0110002	S 2			

PERFORMING ARTS

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
Fundamentals of Theatre I/II	52.0210001 52.0220001	S	9-12	None	This first course is an introduction to and exploration of theater. Students will learn about theatre etiquette, theatre history, pantomime, improvisation, acting, story-telling, and basic technical theatre.
Acting 1	52.0610000	Y	9-12	None	This beginning year-long course is an introduction to acting. Beginning actors will be exposed to several different performance styles and methods that will improve their performance skills. This course uses theatre to encourage cooperative learning, team work, organization, and leadership skills. Theatre's forte is in the emotional arena, where participants are able not only to express emotion in a safe environment, but also to learn how to calibrate their emotional responses to various stimuli.
Acting 2 Acting 3	52.0620000 52.0630000	Y	10-12	Acting 1 Acting 2	These are year-long courses designed for students who have already taken Acting 1. This course delves further into the techniques of acting through the introduction of particular schools of thought associated with the control of voice and movement for effective character development. Using these techniques, students then explore the styles of realism and examine the artists associated with that movement and specific period styles. The course is for students wanting to hone their acting skills in an effort to broaden the range of possibilities for future performance. Students will perform in one class production.
Advanced Drama 1 Advanced Drama 2 Advanced Drama 3 Advanced Drama 4	52.0510000 52.0520000 52.0523000 52.0524000	Y	9 - 12	Audition	Placement in Advanced Drama is by audition only with Ms. Buot. Auditions will be held in the spring for the next school year. All students are required to prepare a 1 – 2 minute monologue (9 th graders interested in Advanced Drama must audition in the spring prior to high school.) Advanced Drama is a year-long course of advanced study in the artistic, technical, managerial, and financial elements of a dramatic production. Students will assume positions of responsibility on selected types of artistic situations.
Technical Theatre 1 Technical Theatre 2 Technical Theatre 3 Technical Theatre 4	52.0410000 52.0420000 52.0430000 52.0440000	Y	9-12	Teacher Recommendation	Technical Theatre is a study of the artistic, technical, managerial, and financial elements of a dramatic production. Students will assume positions of responsibility on selected productions throughout the year, and they will have an opportunity to participate in several types of artistic situations. After school rehearsals and evening performances are required. This course meets in conjunction with Advanced Drama courses.
Beginning Guitar	53.0841001/2	S	9-12	None	This class for beginners focuses on the basic guitar techniques – acoustic.
Guitar 2	53.0842001/2	S	9-12	Beg. guitar or Audition	The class is for students who have some guitar skills and focuses on acoustic guitar techniques – acoustic
Pre-audition Chorus	54.0211000	Y	9-12	Audition	Specific chorus classes (Beginning Chorus, Mixed Chorus, Mastery Women, etc.) will be determined based on student interest and proficiency, following auditions in the Spring. After auditions, students will be placed in appropriate class.
Pre-audition Band	53.0382000	Y	9-12	Audition	Specific band classes (Concert, Symphonic, Wind Ensemble, and Percussion) will be determined based on student interest and proficiency, following auditions in the spring. After auditions, students will be placed in appropriate classes.
Pre-audition Orchestra	53.0581000	Y	9	Audition	Specific orchestra classes will be determined based on student interest and proficiency, following auditions in the spring. After auditions, students will be placed in appropriate classes.

AP Music Theory	53.0230010	Y	11-12	Teacher Rec.	College Board topics for the AP Music Theory exam include terminology and notational skills, writing skills, visual analysis and aural skills, and advanced levels of understanding.
Music Appreciation	53.0140001	S	9-12	None	This semester elective is a survey of the history of Rock and Roll music which explores the amazing different styles and cultures that helped create Rock and Roll and Popular Culture music.

PHYSICAL EDUCATION

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
General Health (Required course for graduation; typically taken 9 th grade year)	17.0110001	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	S	9-12	None	Personal fitness program, stress management, fitness games, nutrition, and weight training
Outdoor Education	36.0250001	S	10-12	None	Backpacking, camping, outdoor safety/ survival, archery, climbing, rappelling, and conservation
Weight Training	36.0540001	S	9-12	None	Individual weight training program
Intermediate Weight Training	36.0540002	S	9-12	Weight Training	Intermediate weight training program
Recreational Games	36.0270001	S	9-12	None	Table tennis, badminton, pickleball, horseshoes, Frisbee games, and other games
General P.E.	36.0110001	S	9-12	None	Flag football, basketball, soccer, team handball, volleyball, badminton, and softball
Body Sculpting	36.0560001	S	9-12	None	Muscle tone, body composition, and fitness goals

SCIENCE

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
Biology	26.0120000	Y	9-10	None	Students will identify patterns, processes, and relationships of living organisms including 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 experiences in laboratories and field work using the process of inquiry.
Biology Honors	26.0120040	Y	9-10	See placement guidelines	Student will identify of patterns, processes, and relationships of living organisms including 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 experiences in laboratories and field work using the process of inquiry.
AP Biology	26.0140010	Y	11-12	See placement guidelines	In this Advanced Placement course, students will further develop an understanding of biology through inquiry-based investigations exploring the topics of evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interactions.
Physical Science	40.0110000	Y	9-11	See placement guidelines	Students will survey of the core ideas in the physical sciences including the structure of atoms, properties of materials, radioactive decay, motion and forces, the conservation of energy and matter, wave behavior, electricity, and the relationship between electricity and magnetism. Students will investigate physical science concepts through experiences in laboratories and field work using the process of inquiry. NOT appropriate for students who have completed Chemistry.
Physical Science Honors	40.0110040	Y	10	See placement guidelines	Students will survey of the core ideas in the physical sciences including the structure of atoms, properties of materials, radioactive decay, motion and forces, the conservation of energy and matter, wave behavior, electricity, and the relationship between electricity and magnetism. Students will investigate physical science concepts through experiences in laboratories and field work using the process of inquiry. NOT appropriate for students who have completed Chemistry.
Physics	40.0810000	Y	11-12	See placement guidelines	Students will investigate nuclear decay processes, interactions of matter and energy, velocity, acceleration, force, energy, momentum, properties and interactions of matter, electromagnetic and mechanical waves, and electricity, magnetism and their interactions. Students will investigate physics concepts through experiences in laboratories and field work using the process of inquiry.
AP Physics Part 1	40.0831010	Y	11-12	See placement guidelines	This Algebra-based Advanced Placement course is an introductory college-level course which explores Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. Students will investigate electric circuits.
AP Physics Part 2	40.0832010	Y	11-12	AP Physics Part 1 and See placement guidelines	This Algebra-based Advanced Placement course is a college-level course which explores principles of fluids, thermodynamics, electricity, magnetism, optics, and topics in modern physics. The course is based on seven Big Ideas, which encompass core scientific principles, theories and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.

AP Physics C: Mechanics and Electricity & Magnetism	40.0841011 and 40.0842012	Y	12	See placement guidelines	In this Advanced Placement course students will investigate Mechanics: Newtonian mechanics in depth, kinematics, Newton's laws of motion, work, energy, power, systems of particles, linear momentum, circular motion, rotation, oscillations, and gravitation and Electricity and Magnetism: electricity and magnetism in depth, electrostatics, conductors, capacitors, dielectrics, electric circuits, magnetic fields, and electromagnetism.
Chemistry	40.0510000	Y	10-12	See placement guidelines	Students investigate chemistry concepts through experiences in laboratories and field work using the process of inquiry: structure of atoms, structure and properties of matter, the conservation and interaction of energy and matter, and the use of Kinetic Molecular Theory to model atomic and molecular motion in chemical and physical processes. Students who complete Chemistry will NOT be recommended for Physical Science.
Honors Chemistry	40.0510040	Y	10-12	See placement guidelines	Students investigate chemistry concepts through experiences in laboratories and field work using the process of inquiry: structure of atoms, structure and properties of matter, the conservation and interaction of energy and matter, and the use of Kinetic Molecular Theory to model atomic and molecular motion in chemical and physical processes.
AP Chemistry	40.0530010	Y	11-12	See placement guidelines	In this Advanced Placement course, students will investigate the structure of matter, bonding and intermolecular forces, chemical reactions, kinetics, and thermodynamics and chemical equilibrium through the application of science practices and laboratory investigations.
Environmental Science	26.0611000	Y	10-12	See placement guidelines	Students will investigate of our environment, human impact on our planet, the flow of energy and cycling of matter within ecosystems, and evaluate types, availability, allocation, and sustainability of energy resources with a focus on student data collection and analysis from field and laboratory experiences.
AP Environmental Science	26.0620010	Y	11-12	See placement guidelines	In this Advanced Placement course, students investigate ecosystems, human population, major global problems, energy resources, pollution, sustaining biodiversity an ecological integrity, and the environment as it relates to society. This course integrates previous knowledge from biology and chemistry.
Human Anatomy & Physiology	26.0730000	Y	11-12	See placement guidelines	In this course students process and develop research skills through the investigation of body organization, skeletal system, muscular and nervous systems, endocrine system, reproductive and urinary systems, circulatory and respiratory systems, integumentary digestive system, immune system, and dissection.
Honors Human Anatomy & Physiology	26.0730040	Y	11-12	See placement guidelines	In this course students process and develop research skills through the investigation of body organization, skeletal system, muscular and nervous systems, endocrine system, reproductive and urinary systems, circulatory and respiratory systems, integumentary digestive system, immune system, and dissection.
Earth Systems	40.0640000	Y	10-12	See placement guidelines	Students investigate connections among Earth's systems (atmosphere, hydrosphere, and geosphere); the Earth's landscapes, ecology, and resources; phenomena fundamental to geology and physical geography (including the early history of Earth, plate tectonics, landform evolution, the Earth's geologic record, weather and climate, and history of life on Earth).
Astronomy	40.0210000	Y	11-12	See placement guidelines	Students investigate astronomy, including measurement and motion, celestial clocks, the moon, the solar system, the stars, the sun, the Milky Way and other galaxies, theories of cosmology, space travel, and exobiology.

SOCIAL STUDIES

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
World Geography	45.0711001	S	9-10	None	The world geography course provides students with an analytical view of how geographic factors have and continue to influence human behavior on the earth. Students will examine how the physical and cultural geographic factors contribute to varying levels of cooperation within the major world regions. Additionally, students will examine the importance that political, environmental, and economic factors have in a region's development.
AP U.S. Government and Politics (year-long course for 9 th graders)	45.0520010	Y	9	See placement guidelines	Government and politics in the United States: the Constitution; political beliefs and behaviors; political parties, interest groups, and mass media; institutions of national government; public policy; Civil Rights and Civil Liberties
AP Human Geography	45.0770010	Y	9	See placement guidelines	Systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface
World History	45.0830000	Y	10	None	Prehistoric culture, ancient civilizations, classical civilizations, the medieval world, the Age of Exploration, Enlightenment, French Revolution, decline of colonial empires in America, Industrial Revolution, nationalism and imperialism, totalitarianism, WWI, WWII, and the modern world.
AP World History	45.0811010	Y	10	See placement guidelines	The evolution of global processes and contacts in interaction with different types of human societies; the nature of changes in international frame- works and their causes and consequences, as well as comparisons among major societies
U. S. History	45.0810000	Y	11	None	Colonization, the revolutionary and colonial eras, manifest destiny, Civil War and reconstruction, urbanization and Industrialism, progressive era, imperialism, WWI & WWII, The Cold War, Vietnam, and the Decades of 1950 – 2000.
AP U.S. History	45.0820010	Y	11	See placement guidelines	Multicultural heritage, Colonial period, American Revolution, Jacksonian Democracy and sectionalism, Civil War and Reconstruction, Triumph of the American Nation, Gilded Age, Progressivism and immigration, Great Depression and New Deal, Labor movement, Civil Rights and women's movement, World Wars I and II, Cold War, and New World Order.
AP European History	45.0840010	Y	12	See placement guidelines	Renaissance and Reformation, strong monarchies, age of revolution & Napoleon, Industrial revolution, liberalism and imperialism, unification, World wars I and II and the postwar world era.
Economics	45.0610001	S	12	See placement guidelines	Supply and demand, market forces, money, banking and capital, organization of natural resources, the national economy and global interdependence.
AP Macro Economics	45.0620011	S 2 nd semester	12	See placement guidelines	Basic economic concepts; introduction to international economics; introduction to microeconomics; in-depth study of national economies including creation of money by commercial banks, measurements of growth, unemployment, inflation, fiscal & monetary policy, and aggregate supply and demand.
AP Micro Economics	45.0630011	S 1 st semester	12	See placement guidelines	Basic economic concepts; introduction to international economics; introduction to macroeconomics; in-depth study of the nature and functions of product markets (consumer behavior, market costs), Theory of the firm (optional production and pricing) and Resource Markets (wages & profits).
Current Issues	45.0120001	S	11-12	None	This course follows the Choices Program from Brown University as it explores various current issues through the platform of student simulations. Some of the topics include genocide, terrorism, immigration reform, the U.S.'s role in the world, international trade, human rights, and current news topics.

International Affairs	45.0910002	S	10-12	None	Research and debate of some of the world's most complex problems, the U.N. system, the intricacies of multilateral diplomacy and conflict resolution of issues ranging from nuclear testing and human rights to sustainable development
Sociology	45.031000	S	11-12	None	Subcultures; group behavior, social issues; environment and technology; homeless and unemployment; responsibility of dissent; drug abuse and American culture; social response to poverty; prejudice and discrimination
AP U.S. Gov. & Politics (semester-long for upper-classmen only)	45.0520011	S	11-12	See placement guidelines	Elections, political parties, policy-making, government institutions (such as the Presidency, the legislature, and the courts), civil liberties, and globalization
AP Comparative Gov. & Politics	45.0530011	S	11-12	See placement guidelines	The fundamental concepts used to study the processes and outcomes of politics in different countries. Global political and economic changes. Politics in six different countries: China, Great Britain, Iran, Mexico, Nigeria, and Russia.
AP Psychology	45.0160010	Y	11-12	See placement guidelines	Development, behavior and personality, sensation and perception, learning and cognition, motivations and emotions, testing and abnormalities.
***AP Art History ***contingent on interest	50.0921010	Y	11-12	Teacher Recommendation	Students "discover the diversity in and connections among forms artistic expression throughout history and from around the globe. Students learn about how people have responded to and communicated their experiences through art making by exploring art in its historic and cultural contexts." From CollegeBoard AP Art History Course Description

TALENTED AND GIFTED (TAG)

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
Directed Study	70.2320001	S1	9-12	Approval of TAG teacher	Directed Studies may be taken in all academic areas. Student and teacher will write a curriculum contract that lists goals, objectives, and requirements.
Directed Study	70.2320002	S2		Students must have a signed Directed Study sheet. Please obtain the form from the Guidance Office.	
First Gifted Career Int	70.2210001	S1	11-12	Approval of TAG teacher TAG Seminar "Hire Me!"	Students are assigned to work with professionals in a field that they are considering as a career. They have the opportunity to gain experience and insight about the business world make decisions about career goals. Students will leave the school for one or two periods a day. The Internship will count as either one or two of their regular courses during the semester.
First Gifted Career Int	70.2210002	S2	11-12		
	70.2220001	S1			
	70.222002	S2			

WORLD LANGUAGES

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
French 1	60.0110000	Y	9-12	None	Students work towards the year-end goal of achieving novice-high listening, reading, writing and novice-mid speaking levels. (Students can understand, exchange, and present information about familiar topics using phrases, simple sentences, and short paragraphs. In a francophone culture, students can interact at a survival level in a few familiar contexts.) Topics used to achieve these levels include greetings, school, family, friends, and restaurants. No prior knowledge of the language or culture is assumed.
French 2	60.0120000	Y	9-12	French 1	Students work towards the year-end goal of achieving intermediate-low listening, reading, & writing and novice-high speaking levels. (Students can understand, exchange, and present information about an expanded variety of familiar topics and in present and past tenses using complex sentences and short paragraphs. In a francophone culture, students can interact at a basic functional level in some familiar contexts.) Topics used to achieve these levels include sports and hobbies, celebrations and holidays, vacations and travel, and home.
French 2 Honors	60.0120040	Y	9-12	See placement guidelines	Students work towards the year-end goal of achieving intermediate-low listening, reading, writing, and speaking levels. (Students can understand, exchange, and present information about an expanded variety of familiar topics and in present and past tenses using complex sentences and short paragraphs. In a francophone culture, students can interact at a functional level in some familiar contexts.) Topics used to achieve these levels include sports and hobbies, celebrations and holiday, vacations and travel, home. Beginning preparation for AP French.
French 3	60.0130000	Y	10-12	French 2	Students work towards the year-end goal of reaching intermediate-mid listening, reading, and intermediate-low speaking levels. (Students can understand, exchange, and present information about a wide variety of topics and in several time frames using complex sentences and long paragraphs. In a francophone culture, students can interact at a functional level in some familiar contexts.) Topics used to achieve these levels include home, food, health, technology, city life, professions, environment, and the arts.
French 3 Honors	60.0130040	Y	10-12	See placement guidelines	Students work towards the year-end goal of reaching intermediate-mid listening, reading, and speaking levels. (Students can understand, exchange, and present information about a wide variety of topics and in several time frames using complex sentences and long paragraphs. In a francophone culture, students can interact at a functional level in multiple familiar contexts.) Topics used to achieve these levels include home, food, health, technology, city life, professions, environment, and the arts. Continued preparation for AP French.
French 4 Honors	60.0140040	Y	11-12	See placement guidelines	Students work towards the year-end goal of reaching enriched intermediate-mid listening, reading, writing, and speaking levels. (Students can understand, exchange, and present information about a wide variety of concrete and abstract topics in several time frames using complex sentences, paragraphs, and essays. In a francophone culture, students can interact at a very functional level in multiple familiar contexts.) Sample topics include WWII in France, French cities, French film, and Haitian culture. In final preparation for AP French, the course provides intense development of communicative and cultural competence and requires near-exclusive use of French in class.

AP French Language and Culture	60.0170010	Y	11,12	See placement guidelines	This college-level course provides intense preparation for the AP French Language and Culture exam by using authentic resources; students work towards the year-end goal of intermediate-high to advanced-low listening, reading, writing, and speaking levels. (Students can understand, exchange, and present information about a wide variety of abstract and culturally relevant topics and in many time frames and registers using complex sentences, paragraphs, and essays. In a francophone culture, students can interact at a competent level in familiar and some unfamiliar contexts). College Board themes used to promote success include global challenges, science and technology, contemporary life, families and communities, identities, and beauty. Exclusive use of French in class.
French 5 Honors	60.0150040	Y	12	See placement guidelines	This college-level course explores French and francophone literature, history, film, contemporary topics, and culture with the year-end goal of enriched intermediate-high to advanced-low listening, reading, writing, and speaking levels. (Students can understand, exchange, and present information about a wide variety of abstract, literary, and culturally relevant topics and in many time frames and registers using complex sentences, paragraphs, and essays. In a francophone culture, students can interact at a competent level in familiar and some unfamiliar contexts.) Class readings, culture units, and individual research projects are designed to prepare students to explore the use of French in their future careers and community service. Exclusive use of French in class.
Spanish 1	60.0710000	Y	9-12	None	Students work towards the year-end goal of achieving novice-high listening, reading, writing and novice-mid speaking levels. (Students can understand, exchange, and present information about familiar topics using phrases, simple sentences, and short paragraphs. In a Spanish-speaking culture, students can interact at a survival level in a few familiar contexts.) Topics used to achieve these levels include greetings, school, family, pastimes, travel, and vacation. No prior knowledge of the language or culture is necessary or assumed.
Spanish 2	60.0720000	Y	9-12	Spanish I	Students work towards the year-end goal of achieving intermediate-low listening, reading, & writing and novice-high speaking levels. (Students can understand, exchange, and present information about an expanded variety of familiar topics and in present and past tenses using complex sentences and short paragraphs. In a Spanish-speaking culture, students can interact at a basic functional level in some familiar contexts.) Topics used to achieve these levels include shopping, daily routines, food and celebrations health, and technology.
Spanish 2 Honors	60.0720040	Y	9-12	See placement guidelines	Students work towards the year-end goal of achieving intermediate-low listening, reading, writing, and speaking levels. (Students can understand, exchange, and present information about an expanded variety of familiar topics and in present and past tenses using complex sentences and short paragraphs. In a Spanish-speaking culture, students can interact at a functional level in some familiar contexts.) Topics used to achieve these levels include shopping, daily routines, food and celebrations health, and technology. Beginning preparation for AP Spanish.
Spanish 3	60.0730000	Y	10-12	Spanish 2	Students work towards the year-end goal of reaching intermediate-mid listening, reading, and intermediate-low speaking levels. (Students can understand, exchange, and present information about a wide variety of topics and in several time frames using complex sentences and long paragraphs. In a Spanish-speaking culture, students can interact at a functional level in some familiar contexts.) Topics used to achieve these levels include home, food, health, technology, city life, professions, environment, and the arts.
Spanish 3 Honors	60.0730040	Y	10-12	See placement guidelines	Students work towards the year-end goal of reaching intermediate-mid listening, reading, and speaking levels. (Students can understand, exchange, and present information about a wide variety of topics and in several time frames using complex sentences and long paragraphs. In a Spanish-speaking culture, students can interact at a functional level in multiple familiar contexts.) Topics used to achieve these levels

					include home, food, health, technology, city life, professions, environment, the arts, and current events. Continued preparation for AP Spanish.
Spanish 4 Honors	60.0740040	Y	11-12	See placement guidelines	Students work towards the year-end goal of reaching enriched intermediate-mid listening, reading, writing, and speaking levels. (Students can understand, exchange, and present information about a wide variety of concrete and abstract topics in several time frames using complex sentences, paragraphs, and essays. In a Spanish-speaking culture, students can interact at a very functional level in multiple familiar contexts.) Sample topics include immigration, the Spanish Civil War, and health care in Spanish-speaking countries, art and architecture, literature, and family culture. In final preparation for AP Spanish Language and Culture, the course provides intense development of communicative and cultural competence and requires near-exclusive use of Spanish in class.
Spanish AP Language and Culture	60.0770010	Y	11-12	See placement guidelines	This college-level course provides intense preparation for the AP Spanish Language and Culture exam by using authentic resources; students work towards the year-end goal of intermediate-high listening, reading, writing, and speaking. (Students can understand, exchange, and present information about a wide variety of abstract and culturally relevant topics and in many time frames and registers using complex sentences, paragraphs, and essays. In a Spanish-speaking culture, students can interact at a competent level in familiar and some unfamiliar contexts). College Board themes used to promote success include global challenges, science and technology, contemporary life, families and communities, identities, and beauty. Exclusive use of Spanish in class.
Spanish AP Literature	60.0811010	Y	12	See placement guidelines	This college-level course provides intense preparation for the AP Spanish Literature and Culture exam using authentic Spanish-language literature from many time periods and Spanish-speaking countries. With the year-end goal of enriched intermediate-high listening, reading, writing, and speaking, students read short stories, novels, poetry, plays, and essays from authors such as Cervantes, Tirso de Molina, Heredia, Unamuno, Darío, Borges, García Marquez, and Allende, making cultural connections with each work. Students explore the College Board themes of Societies in Contact, Construction of Gender, Time and Space, Literary Creation, Interpersonal Relationships, and the Dual Nature of Being. Exclusive use of Spanish in class.
Latin I	61.0410000	Y	9-12	None	Latin pronunciation, vocabulary and derivatives; basic grammar, reading, mythology; Roman history, culture, and art; Pompeii; Alexandria; Roman Britain
Latin 2	61.0420000	Y	10-12	Latin 1	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	61.0420040	Y	10-12	See placement guidelines	In-depth study of all topics in Latin 2; in addition, literary analysis of texts from original Roman
Latin 3 Honors	61.0430040	Y	11-12	See 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	61.0480010	Y	11-12	See placement guidelines	College-level course that provides intense preparation for the AP Latin exam; intense study of Virgil's <i>Aeneid</i> (history of the Roman people) and Gaius Julius Caesar's <i>De Bello Gallico</i> (history of the Gallic ward)

Fulton Virtual Courses

ENGLISH/LANG. ARTS	COURSE #	TERM	CREDIT		ENGLISH/LANG. ARTS	COURSE #	TERM	CREDIT
FVS/GAVS 9 th Grade Lit/Comp	23.3610000	Y	1.0		FVS 12 th Grade World Lit B	23.3630002	S	0.5
FVS 9 th Grade Lit/Comp A	23.3610001	S	0.5		FVS Multicultural Lit	23.3670001	S	0.5
FVS 9 th Grade Lit/Comp B	23.3610002	S	0.5		FVS/GAVS English Lit & Comp	23.3520000	Y	1.0
FVS/GAVS 10 th Grade Lit/Comp	23.3620000	Y	1.0		FVS English Lit & Comp	23.3520001	S	0.5
FVS 10 th Grade Lit/Comp A	23.3620001	S	0.5		FVS English Lit & Comp	23.3520002	S	0.5
FVS 10 th Grade Lit/Comp B	23.3620002	S	0.5		FVS/GAVS AP English Lang & Comp	23.3430010	Y	1.0
FVS/GAVS 11 th Grade American Lit/Comp A	23.3510000	Y	1.0		FVS AP English Lang & Comp	23.3430011	S	0.5
FVS 11 th Grade American Lit Grade Lit/Comp A	23.3510001	S	0.5		FVS AP English Lang & Comp	23.3430012	S	0.5
FVS 11 th Grade American Lit Lit/Comp B	23.3510002	S	0.5		FVS/GAVS AP English Lit & Comp	23.3650010	Y	1.0
FVS/GAVS 12 Grade World Lit/Comp	23.3630000	Y	1.0		GAVS AP English Lit & Comp	23.3650013	S	0.5
FVS 12 th Grade World Lit A	23.3630001	S	0.5		GAVS AP English Lit & Comp	23.3650014	S	0.5
MATHEMATICS	COURSE #	TERM	CREDIT		MATHEMATICS	COURSE #	TERM	CREDIT
FVS/GAVS GSE Algebra I AB	27.3990000	Y	1.0		FVS GSE Algebra II B	27.3992002	S	0.5
FVS GSE Algebra I A	27.3990001	S	0.5		FVS/GAVS GSE Pre-Calculus	27.3974000	Y	1.0
FVS GSE Algebra I B	27.3990002	S	0.5		FVS GSE Pre-Calculus A	27.3974001	S	0.5
FVS Accelerated GSE Alg I/ Geometry A Honors AB	27.3994040	Y	1.0		FVS GSE Pre-Calculus B	27.3974002	S	0.5
FVS Accelerated GSE Alg I/ Geometry A Honors A	27.3994041	S	0.5		FVS/GAVS Accelerated GSE PreCalculus Honors A	27.3977040	S	0.5
FVS Accelerated GSE Alg I/ Geometry A Honors B	27.3994042	S	0.5		FVS Accelerated GSE PreCalculus Honors A	27.3977041	S	0.5
FVS/GAVS GSE Geometry AB	27.3991000	Y	1.0		FVS Accelerated GSE PreCalculus Honors B	27.3977042	S	0.5
FVS GSE Geometry A	27.3991001	S	0.5		FVS/GAVS Advanced Mathematical Decision Making in Finance	27.3850000	Y	1.0
FVS GSE Geometry B	27.3991002	S	0.5		FVS Advanced Mathematical Decision Making in Finance S1	27.3850001	S	0.5
FVS/GAVS Accelerated GSE Geometry B/Algebra II Honors AB	27.3995040	Y	1.0		FVS Advanced Mathematical Decision Making in Finance S2	27.3850002	S	0.5

FVS Accelerated GSE Geometry B/Algebra II Honors A	27.3995041	S	0.5	FVS/GAVS Mathematics of Finance	27.3870000	Y	1.0
FVS Accelerated GSE Geometry B/Algebra II Honors B	27.3995042	S	0.5	FVS Mathematics of Finance	27.3870001	S	0.5
FVS/GAVS GSE Algebra II	27.3992000	Y	1.0	FVS Mathematics of Finance	27.3870002	S	0.5
FVS GSE Algebra II A	27.3992001	S	0.5				

SCIENCE	Course #	TERM	CREDIT	SCIENCE	Course #	TERM	CREDIT
FVS/GAVS Biology	26.3120000	Y	1.0	FVS/GAVS Environ Science	26.3611000	Y	1.0
FVS Biology A	26.3120001	S	0.5	FVS Environmental Science A	26.3611001	S	0.5
FVS Biology B	26.3120002	S	0.5	FVS Environmental Science B	26.3611002	S	0.5
FVS/GAVS Physical Science	40.3110000	Y	1.0	FVS Forensic Science A	40.3930001	S	0.5
FVS Physical Science A	40.3110001	S	0.5	FVS Forensic Science B	40.3930002	S	0.5
FVS Physical Science B	40.3110002	S	0.5	FVS/GAVS AP Biology	26.3140010	Y	1.0
FVS/GAVS Chemistry	40.3510000	Y	1.0	FVS AP Biology A	26.3140011	S	0.5
FVS Chemistry A	40.3510001	S	0.5	FVS AP Biology B	26.3140012	S	0.5
FVS Chemistry B	40.3510002	S	0.5	FVS/GAVS AP Environ Science	26.3620010	Y	1.0
FVS/GAVS Physics	40.3810000	Y	1.0	FVS AP Environ Science A	26.3620011	S	0.5
FVS Physics A	40.3810001	S	0.5	FVS AP Environ Science B	26.3620012	S	0.5
FVS Physics B	40.3810002	S	0.5	FVS AP Physics B	40.3830010	Y	1.0
FVS/GAVS Earth Systems	40.3640000	Y	1.0	FVS AP Physics B – A	40.3830011	S	0.5
FVS Earth Systems A	40.3640001	S	0.5	FVS AP Physics B – B	40.3830012	S	0.5
SOCIAL STUDIES	Course #	TERM	CREDIT	SOCIAL STUDIES	Course #	TERM	CREDIT
FVS American Government	45.3570001	S	0.5	FVS Economics	45.3610001	S	0.5
FVS American Government/Civics	45.3570002	S	0.5	FVS AP Macroeconomics	45.3620011	S	0.5
FVS/GAVS World History	45.3830000	Y	1.0	FVS AP Microeconomics	45.3630011	S	0.5
FVS World History A	45.3830001	S	0.5	FVS/GAVS AP Psychology	45.3160010	Y	1.0
FVS World History B	45.3830002	S	0.5	FVS AP Psychology A	45.3160011	S	0.5
FVS/GAVS AP World History	45.3811010	Y	1.0	FVS AP Psychology B	45.3160012	S	0.5

FVS AP World History A	45.3811011	S	0.5		FVS/GAVS AP Human Geography	45.3770010	Y	1.0
FVS AP World History B	45.3811012	S	0.5		FVS AP Human Geography A	45.3770011	S	0.5
FVS/GAVS US History	45.3810000	Y	1.0		FVS AP Human Geography B	45.3770012	S	0.5
FVS US History A	45.3810001	S	0.5		FVS AP Government/ Politics U.S.	45.3520011	S	0.5
FVS US History B	45.3810002	S	0.5		FVS AP Government/ Politics Comparative	45.3530011	S	0.5
FVS AP US History	45.3820010	Y	1.0		FVS Psychology A	45.3150001	S	0.5
FVS AP US History A	45.3820011	S	0.5		FVS Psychology B	45.3150002	S	0.5
FVS AP US History B	45.3820012	S	0.5		FVS World Geography	45.3711001	S	0.5
WORLD LANGUAGE	Course #	TERM	CREDIT		WORLD LANGUAGE	Course #	TERM	CREDIT
FVS/GAVS Chinese 1	62.3110001	Y	1.0		FVS/GAVS German 2	61.3120000	Y	1.0
FVS Chinese 1 A	62.3110002	S	0.5		FVS German 2 A	61.3120001	S	0.5
FVS Chinese 1 B	62.3120000	S	0.5		FVS German 2 B	61.3120002	S	0.5
FVS/GAVS Chinese 2	62.3120001	Y	1.0		FVS/GAVS Latin 1	61.3410000	Y	1.0
FVS Chinese 2 A	62.3120002	S	0.5		FVS Latin 1 A	61.3410001	S	0.5
FVS Chinese 2 B	60.3110000	S	0.5		FVS Latin 1 B	61.3410002	S	0.5
FVS/GAVS French 1	60.3110001	Y	1.0		FVS/GAVS Latin 2	61.3420000	Y	1.0
FVS French 1 A	60.3110002	S	0.5		FVS Latin 2 A	61.3420001	S	0.5
FVS French 1 B	60.3120000	S	0.5		FVS Latin 2 B	61.3420002	S	0.5
FVS/GAVS French 2	60.3120001	Y	1.0		FVS/GAVS Spanish 1	60.3710000	Y	1.0
FVS French 2 A	60.3120002	S	0.5		FVS Spanish 1 A	60.3710001	S	0.5
FVS French 2 B	60.3130000	S	0.5		FVS Spanish 1 B	60.3710002	S	0.5
FVS/GAVS French 3	60.3130001	Y	1.0		FVS/GAVS Spanish 2	60.3720000	Y	1.0
FVS French 3 A	60.3130002	S	0.5		FVS Spanish 2 A	60.3720001	S	0.5
FVS French 3 B	60.3170010	S	0.5		FVS Spanish 2 B	60.3720002	S	0.5
FVS/GAVS AP French Language	60.3170011	Y	1.0		FVS/GAVS Spanish 3	60.3730000	Y	1.0
FVS AP French Language	60.3170012	S	0.5		FVS Spanish 3 A	60.3730001	S	0.5
FVS AP French Language	61.3110000	S	0.5		FVS Spanish 3 B	60.3730002	S	0.5
FVS/GAVS German 1	61.3110001	Y	1.0		FVS/GAVS AP Spanish Language	60.0770010	Y	1.0
FVS German 1 A	61.3110002	S	0.5					
SIGN LANGUAGE	Course #	TERM	CREDIT		HEALTH/P.E.	Course #	TERM	CREDIT

FVS/GAVS American Sign Language 1	64.3310000	Y	1.0		FVS General Health	17.3110001	S	1.0
FVS American Sign Language 1 A	64.3310001	S	0.5		FVS Personal Fitness	36.3510001	S	0.5
FVS American Sign Language 1 B	64.3310002	S	0.5		TEST PREP			
FVS/GAVS American Sign Language 2	64.3320000	Y	1.0		FVS SAT Prep	35.3660001	S	0.5
FVS American Sign Language 2 A	64.3320001	S	0.5					
CAREER & TECH (CTE)	Course #	TERM	CREDIT		CAREER & TECH (CTE)	Course #	TERM	CREDIT
FVS Entrepreneurship	06.3160000	Y	1.0		FVS Beg Prog A	11.3180001	S	0.5
FVS Entrepreneurship A	06.3160001	S	0.5		FVS Beg Prog B	11.3180002	S	0.5
FVS Entrepreneurship B	06.3160002	S	0.5		FVS Web Design A	11.3310001	S	0.5
FVS Intro Business & Tech	07.3413000	Y	1.0		FVS Web Design B	11.3310002	S	0.5
FVS Intro Business &Tech A	07.3413001	S	0.5		FVS Intro Healthcare Sci A	25.3210001	S	0.5
FVS Intro Business &Tech B	07.3413002	S	0.5		FVS Intro Healthcare Sci B	25.3210002	S	0.5
FVS/GAVS Intro Bus/Tech	07.3441300	Y	1.0		FVS/GAVS Fnd Engin&Tech	21.3250000	Y	1.0
FVS/GAVS Intro Digital Tech	11.3150000	Y	1.0		FVS Fnd Engin & Tech A	21.3250001	S	0.5
FVS Intro Digital Tech A	11.3150001	S	0.5		FVS Fnd Engin & Tech B	21.3250002	S	0.5
FVS Intro Digital Tech B	11.3150002	S	0.5					