

Cambridge High School

Curriculum Guide 2016 – 2017



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Contents

Message from Dr. Spurka	3
A Note about Placement Guidelines	4
Art Offerings	5
Career and Technical Education Offerings	
Broadcast and Video Production	8
Business and Computer Science	7
Engineering Technology	9
Government and Public Safety (Law and Justice)	8
Marketing, Sales, and Service (Sports & Entertainment).....	8
Veterinary Science	9
Work-based Learning	10
English Offerings	
Annual	11
ELA Courses	11
Literary magazine	12
Newspaper	11
SAT Prep	12
Speech & Forensics	12
Fulton Virtual (online) Offerings	27
Mathematics Offerings	
GSE Curriculum	13
Advanced Placement and Dual Enrollment	14
SAT Prep	12
Non-departmental Course Offerings	
Peer Facilitation (mentorship)	16
Peer Leadership (aide)	16
Performing Arts Offerings	
Band	18
Chorus	17
Drama	17
Guitar	17
Orchestra	18
AP Music Theory	18
Physical Education & Health Offerings	19
Science Offerings	20
Social Studies Offerings	22
Talented and Gifted (TAG) Offerings	24
World Language Offerings	
French	25
Latin	26
Spanish	25

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, after-school 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

Placement Guidelines for 2016-2017

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 February 3. 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 June 20, 2016.

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 – D0	Ms. Kuglar	KuglarKE@fultonschools.org
Last name Dp – Ja	Ms. Schechter	SchechterB@fultonschools.org
Last name Je – Mr	Ms. Danner	Danner@fultonschools.org
Last name Ms – Sta	Ms. Rishel	Rishel@fultonschools.org
Last name Ste – Z	Ms. Garcia	GarciaS@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 Ceramics 2	50.0411001 50.0412001	S S	9-12 10-12	Introduction to Art Ceramics 1	<p>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.</p> <p>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.</p>
Graphic Design 1 Graphic Design 2	50.0721001 50.0722001	S S	9-12 10-12	Introduction to Art Graphic Design 1	<p>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.</p> <p>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.</p>
Draw/Painting 1 Draw/Painting 2	50.0313001 50.0314001	S S	9-12 10-12	Introduction to Art Draw/Painting 1	<p>Drawing & Painting 1 instructs students in fundamental drawing 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, conte, oil pastels. Art history, criticism and aesthetics are incorporated with studio production of drawings and paintings.</p> <p>Drawing and Painting 2 develops fundamental 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.</p>
Jewelry & Metal 1	50.0460001	S	9-12	Introduction to Art	Jewelry and Metalcrafts 1 introduces jewelry making as an art form in the past and present. A variety of media and tools are explored. The elements of art and principals of design are used to analyze, design, create, and evaluate jewelry. The course combines aesthetics, art criticism and art history with studio production of jewelry.

Photography 1	50.0711001	S	9-12	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 white film and refine darkroom and printing techniques. The course incorporates aesthetics, art criticism, art history and a brief introduction to digital photography.</p>
Photography 2	50.0712001	S	10-12		
Sculpture 1	50.0611001	S	9-12	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>
Sculpture 2	50.0612001		10-12		
Printmaking 1	50.0511001	S	9-12	Introduction to Art	<p>Printmaking 1 is an introduction to printmaking using serigraphy, linoleum relief, and etching. A variety of media and tools are explored. 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>
Printmaking 2	50.0512011	S	10-12		
AP Drawing Portfolio	50.0811000	Y	11-12	Teacher Recommendation	AP level content culminating in AP portfolio submission and/or AP exam
AP 2D Design	50.0813000	Y			
AP 3D Design	50.0814000	Y			
***AP Art History	50.0921000	Y			
***contingent on interest					

CAREER & TECHNICAL COURSES

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
Introduction to Digital Technology	11.4150000	Y	9-12	None	Introduction to computer maintenance, multimedia graphics, databases, web design, and programming
Computer Science Principles	11.4710000	Y	10-12	Introduction to Digital Technology	Introduction to the central ideas of computing and computer science, ideas of computational thinking, and activities that show how computing and computer science change the world
AP Computer Sci. A	11.0160010	Y	11-12	Computer Science Principles	Application of data abstraction and encapsulation, class specifications and relationships among classes, design and interface, modification of existing code, extension of existing code using inheritance, and analysis of algorithms
Web Development	11.4250000	Y	11-12	Intro to Digital Technology Computer Sci. Principles	All areas of web page design, including the web development process, advanced layout and design features, advanced study of scripting languages, site development with HTML editors, and web servers and databases
Programming, Games, Apps, and Society	11.4720000	Y	11-12	Intro to Digital Technology Computer Sci. Principles	The course is designed for high school students to strategize, design, and develop games and mobile and desktop applications that can be produced in the real world. Students will learn about life-cycles of project development and use models to develop applications. Attention will be placed on how user interfaces affect the usability and effectiveness of a game or an application. Programming constructs will be employed which will allow students' applications to interact with "real world," stimuli. The course exposes students to privacy, legality, and security considerations with regards to the software industry. Various forms of technologies will be used to expose students to resources, software, and applications of programming. 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.
Introduction to Business and Technology	07.4413000	Y	9-12	None	Business characteristics, ownership and communication, finance, human resources, leadership, international business, marketing
Principles of Accounting	07.4110000	Y	10-12	Introduction to Business and Technology	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.
Financial Literacy	07.4260000	Y	10-12	Introduction to Business and Technology	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 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
Entrepreneurial Ventures	06.4170000	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.
Criminal Investigation & Forensics	43.4520000	Y	11-12	Introduction to Law, Public Safety, Corrections, and Security Criminal Justice Essentials	<p>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.</p> <p>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.</p>
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.
	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.
Veterinary Science	02.4240000	Y	12	Introduction to Veterinary Science AND	The agricultural education course in veterinary science covers the basics of animal care. Topics covered include disease, parasites, 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 school and pursue a degree to enter the veterinary profession.

				Teacher Approval	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.
Work-based Learning	43.4320000	Y	11-12 (at least 16 years old)	Application	Work experience

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.
9 th Literature Honors	23.0610040	Y	9	See placement guidelines	Reading strategies, interpretation of literature, writing, and grammar.
10 th Literature	23.0620000	Y	10	See placement guidelines	Reading strategies, interpretation of literature, writing, and grammar.
10 th Literature Honors	23.0620040	Y	10	See placement guidelines	Reading strategies, interpretation of literature, writing, and grammar.
11 th Literature	23.0510000	Y	11	None	Reading strategies, interpretation of American literature, writing and grammar.
11 th Literature Honors	23.0510040	Y	11	See placement guidelines	Reading strategies, interpretation of American literature, writing and grammar.
AP Language & Composition	23.0530010	Y	11	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 Literature & Composition	23.0650010	Y	12	See placement guidelines	Advanced college level study of literature and critical approaches, review of writing skills, preparation for AP exam.
College English	23.0630400	Y	12	Successful application to appropriate college	Freshman English curriculum at the collegiate level.
World Literature	23.0630001	S	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	23.0670001	S	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	S	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 (an elective)	23.0660001	S	11 & 12	None	Film Study
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	11-12	None	Study of literary publication, production of school literary magazine.
SAT Prep	35.0660001	S	9-12	None	Topics in mathematics and language arts and selected test-taking strategies related to successful test-taking.
Speech/Forensics I	23.0460001	S	9-12	None	Introduction to research skills, public speaking, and methods of debate including Lincoln-Douglas techniques of argumentation.

MATHEMATICS

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
GSE Algebra I	27.0990000	Y	9	See placement guidelines	Students will formalize and extend the mathematics that they learned in the middle grades; deepen and extend understanding of linear relationships and compare and contrast them with quadratic and exponential functions. Students will use measures of center and spread to compare two or more different data sets as well as interpret differences in shape, center, and spread of the data sets in context.
GSE Algebra Support	27.0997000	Y	9	See placement guidelines	This course is an elective that is a companion class to GSE Algebra I for students who need additional mathematics support. This class will give the student extra time and practice on a daily basis.
Accelerated GSE Algebra I /Geometry A Honors	27.0994040	Y	9	See placement guidelines	Students will explore, compare and contrast the characteristics and applications of linear, quadratic, and exponential functions. They will summarize, represent, and interpret data on a single count or measurement variable. They will experiment with transformations in the coordinate plane, understand and prove theorems using similarity and congruence. They will define the trig ratios and use these ratios to solve problems with right triangles.
GSE Geometry	27.0991000	Y	10	See placement guidelines	Transformations on the coordinate plane provide opportunities for the formal study of congruence and similarity. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships. The study of circles uses similarity and congruence to develop basic theorems relating circles and lines. Students will use the concepts of distance, midpoint, and slope to verify algebraically geometric relationships of figures in the coordinate plane. The link between probability and data is explored through conditional probability.
GSE Geometry Support	27.0998000	Y	10	See placement guidelines	This course is an elective that is a companion class to GSE Geometry for students who need additional mathematics support. This class will give the student extra time and practice on a daily basis.
GSE Geometry Honors	27.09910040	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	The focus of this course is organized into 10 critical areas. The need for extending the set of rational numbers arises, and real and complex numbers are introduced so that all quadratic equations can be solved. Quadratic expressions, equations, and functions are developed, comparing their characteristics and behavior to those of linear and exponential relationships from Coordinate Algebra. Circles return with their quadratic algebraic representations on the coordinate plane. The link between probability and data is explored through conditional probability. Students apply methods from probability and statistics to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. They expand their study of right triangle trigonometry to model periodic phenomena. And, finally, students bring together all of the experience with functions and geometry to create models and solve contextual problems. The Mathematics Practice Standards apply

					throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.
GSE Algebra II	27.0992000	Y	11	See placement guidelines	Students will analyze polynomial functions of higher degree, explore logarithmic functions as inverses of exponential functions, as well as rational and radical functions numerically, algebraically, and graphically. Students will summarize, represent, and interpret data on a single count or measurement variable.
GSE Algebra II Honors	27.09920040	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	27.0740000	Y	12	See placement guidelines	This a fourth year mathematics course designed to prepare students for calculus and similar college mathematics courses. It requires students to investigate and use rational functions; analyze and use trigonometric functions, their graphs, and their inverses; use trigonometric identities to solve problems and verify equivalence statements; solve trigonometric equations analytically and with technology; find areas of triangles using trigonometric relationships; use sequences and series; understand and use vectors; investigate the Central Limit theorem; and use margins of error and confidence intervals to make inferences from data.
Accelerated GSE Pre-calculus Honors	27.0977040	Y	10-11	See placement guidelines	Students will investigate and use rational functions; analyze and use trigonometric functions, their graphs, and their inverses; find areas of triangles using trigonometric relationships; use trigonometric identities to solve problems and verify equivalence statements; solve trigonometric equations analytically and with technology; use complex numbers in trigonometric form; understand and use vectors; use sequences and series; explore parametric representations of plane curves; explore polar equations; investigate the central Limit theorem; and use margins of error and confidence intervals to make inferences from data.
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	Students will investigate and use rational functions; analyze and use trigonometric functions, their graphs, and their inverses; find areas of triangles using trigonometric relationships; use trigonometric identities to solve problems and verify equivalence statements; solve trigonometric equations analytically and with technology; use complex numbers in trigonometric form; understand and use vectors; use sequences and series; explore parametric representations of plane curves; explore polar equations; investigate the central Limit theorem; and use margins of error and confidence intervals to make inferences from data.
Advanced Mathematical Decision Making	27.0850000	Y	12	See placement guidelines	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
AP Calculus AB	27.0720010	Y	11 – 12	See placement guidelines	Real numbers and the Cartesian plane; review of functions, limits and their properties; derivatives, differentiation, and application; anti-derivatives and indefinite integration; area and definite integrals; integration by substitution; the Trapezoidal rule;

					logarithmic, exponential and other transcendental functions; and applications and methods of Integration
AP Calculus BC	27.0730010	Y	11 – 12	See placement guidelines	Review of functions, limits, and their properties; differentiation and integration; applications of differentiation; logarithmic, exponential, and other transcendental functions; applications of integration and integration techniques; improper integrals; and L'Hôpital's Rule
AP Statistics	27.0740010	Y	11 – 12	See placement guidelines	Introduction to statistics, descriptive statistics, probability; probability distributions and normal probability distributions; estimates and sample size; hypothesis testing; inferences from two samples; correlation and regression; multinomial experiments; analysis of variance; statistical process control; nonparametric statistics; and design and sampling
AP Computer Sci. A	11.0160010	Y	11 – 12	See placement guidelines	See information under Career Tech course section.
Multivariable Calculus II/III (Ga Tech Distance Learning)	27.0770406 27.0801431	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 1	52.0210001	S1 or S2	9-12	None	Students will learn about theatre etiquette, theatre history, pantomime, improvisation, acting, story-telling, and basic technical theatre.
Acting 1	52.0610000	Y	10-12 (9 th by audition only)	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. Theatres 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 Acting 4	52.0620000 52.0630000 52.0640000	Y	10-12	Acting 1 Acting 2 Acting 3	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	10 -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. Advanced Drama 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.
Musical Theatre 1	52.0310000	Y	9-12	Audition	Musical Theatre 1 is an introductory 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 the storylines 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 gains experience in the creative process through active individual and group involvement. This course is co-taught with the chorus teacher, Ms. Petite.
Beginning Guitar	53.0841001	S	9-12	None	This class for beginners focuses on the basic guitar techniques – acoustic.
Guitar 2	53.0841002	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	Audition	Specific chorus classes (Madrigal, Mixed Chorus, Advanced Men's, 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.

PHYSICAL EDUCATION

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
General Health (Required course for graduation; typically taken 9th 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	None	Science lab skills and lab safety, research skills, nature of biology, cellular biology, matter energy relationships, biochemistry, genetics, theory of evolution, classification systems, and ecology
Biology Honors	26.0120040	Y	9	See placement guidelines	Science lab skills and lab safety, research skills, nature of biology, cellular biology, matter energy relationships, biochemistry, genetics, theory of evolution, classification systems, ecology and the human body.
AP Biology	26.2140010	Y	11-12	See placement guidelines	Biological chemistry, cells, energy transformations, molecular genetics, heredity, evolution, ecology, taxonomy and systems, survey of monera, protista, fungi, plants and animals.
Physical Science	40.0110000	Y	10	See placement guidelines	Matter, atomic theory, patterns of relativity, chemical reactions, organic and biochemistry, energy, interactions of force and motion, waves and energy transfer, electricity and magnetism. NOT appropriate for students who have completed Chemistry
Physical Science Honors	40.0110040	Y	10	See placement guidelines	Matter, atomic theory, patterns of relativity, chemical reactions, organic and biochemistry, energy, interactions of force and motion, waves and energy transfer, electricity and magnetism. NOT appropriate for students who have completed Chemistry
Physics	40.0810000	Y	11-12	See placement guidelines	Science process skills and lab safety, mechanics, Newton's laws, force, motion, work / power, phases of matter, thermodynamics, energy transformation and conservation, waves, sound, light, electricity, magnetism, particle theory, atomic structure and nuclear energy.
AP Physics Part 1	40.0831010	Y	11-12	See placement guidelines	Algebra-based, introductory college-level course: Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. Introduction of electric circuits.
AP Physics Part 2	40.0832010	Y	11-12	AP Physics Part 1 and See placement guidelines	Algebra-based, college-level course: 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	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. Electricity & 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	Inquiry, process skills and problem solving, classification and conservation of matter, atomic structure and patterns of reactivity, electron configuration, nuclear chemistry, bonding and formation of compounds, chemical equations, phases change, equilibrium, kinetics, and thermodynamics.

					Students who complete Chemistry will NOT be recommended for Physical Science
Honors Chemistry	40.0510040	Y	10-12	See placement guidelines	Tools of mathematics, scientific method, mole concept, chemical reactions and gas laws, kinetic relationships, solubility, periodic table, analytical chemistry, electron configuration, atom composition and radioactivity, chemical bonding, organic chemistry, equilibrium, and oxidation/reduction.
AP Chemistry	40.2530010	Y	11-12	See placement guidelines	Atomic theory, structure of matter, bonding, gases, stoichiometry, liquids, solids, solutions, equilibrium, kinetics, thermodynamics, reaction types, nuclear, organic and qualitative analysis.
Environmental Science	26.0611001	Y	11-12	See placement guidelines	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 change in an ecosystem, 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.
AP Environmental Science	26.2620010	Y	11-12	See placement guidelines	Ecosystems, human population, major global problems, energy resources, pollution, sustaining biodiversity an ecological integrity, and the environment as it relates to society. Integrates previous knowledge from biology and chemistry.
Human Anatomy & Physiology	26.0730000	Y	11-12	See placement guidelines	Science process and research skills, 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	Science process and research skills, 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	11-12	See placement guidelines	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	40.021000	Y	11-12	See placement guidelines	Studies of 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
American Government & Civics	45.0570005	S	9	None	Political philosophies that influenced the foundations of U.S. government and why countries develop different forms of government globally; U.S. constitutional principles and the branches of government; and factors influencing the political process. Students will construct and evaluate arguments, use documents and other primary source data to analyze point of view and understand and interpret information, and write document-based and comparative analysis essays
AP U.S. Government and Politics (year-long blocked 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 frameworks 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
20 th Century Germany	45.0920002	S	11-12	None	Bismarck's creation of Germany; causes/effects of WWI focusing on nationalism, imperialism, and the alliance system; major battles of WWI, Europe between the world wars focusing on the conditions that allowed for Hitler, Stalin and Mussolini to assume power. Cause/effect of WWII including major battles. The plight of the Jewish people in the Holocaust. Germany and the Cold War, the European Economic Community.
Political Theory	45.0910001	S	11-12	None	Study of the major political theorists including, Aristotle, Plato, Machiavelli, Nietzsche, Hegel, Marx, Communism, Socialism, Liberalism, Totalitarianism
Sociology	45.0310003	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.

TALENTED AND GIFTED (TAG)

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
Directed Study Directed Study	70.2320001 70.2320002	S1 S2	9-12	Approval of TAG teacher Students must have a signed Directed Study sheet. Please obtain the form from the Guidance Office.	Directed Studies may be taken in all academic areas. Student and teacher will write a curriculum contract that lists goals, objectives, and requirements.
First Gifted Career Int First Gifted Career Int	70.2210001 70.2210002	S1 S2	11-12 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.

WORLD LANGUAGES

Course Title	Course #	Term	Grade(s)	Prerequisite(s)	Major Topics
French 1	60.0110000	Y	9-12	None	Sound systems, French alphabet, familiar words and phrases, greetings, family and friends, numbers and time, dates, weather/seasons, food/meals, city life, shopping, leisure, culture, and novice grammatical structures
French 2	60.0120000	Y	9-12	French 1	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, and mid-novice to low-intermediate grammatical structures
French 2 Honors	60.0120040	Y	9-12	See 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, and mid-novice to low-intermediate grammatical structures
French 3	60.0130000	Y	10-12	French 2	Daily routines, family relations, history, geography, travel, accommodations, festivals, leisure time, food, current events, careers, aspects of art and literature, and intermediate grammatical structures
French 3 Honors	60.0130040	Y	10-12	See 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; intermediate grammatical structures
French 4 Honors	60.0140040	Y	11-12	See 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	60.0170010	Y	11,12	See placement guidelines	College-level course that provides intense preparation for the AP Language and Culture exam using authentic francophone sources; in-depth reading, writing, speaking, and listening on themes of 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	In depth reading, writing, speaking, and listening on themes of global challenges, science and technology, contemporary life, families and communities, identities, and beauty; exclusive use of French in class; includes independent projects and literature
Spanish 1	60.0710000	Y	9-12	None	Numbers, weather, colors, celebrations, family, routines, self, school, clothing, shopping, food, transportation, body parts, health/emotions, animals, leisure time, sports, geography, and novice grammatical structures
Spanish 2	60.0720000	Y	9-12	Spanish I	Leisure time, travel, food/restaurants, fine arts, news, childhood experiences, family, celebrations, daily routines, beach, chores, and health; Spanish-speaking countries and Latino culture in the U.S.; mid-novice to low-intermediate grammatical structures
Spanish 2 Honors	60.0720040	Y	9-12	See 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; mid-novice to low-intermediate grammatical structures

Spanish 3	60.0730000	Y	10-12	Spanish 2	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.; intermediate grammatical structures
Spanish 3 Honors	60.0730040	Y	10-12	See 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; intermediate grammatical structures
Spanish 4 Honors	60.0740040	Y	11-12	See placement guidelines	Intense development of communicative, cultural, and advanced grammatical competence; final preparation for AP Spanish; near-exclusive use of Spanish in class
Spanish AP Language and Culture	60.0770010	Y	11-12	See placement guidelines	College-level course that provides intense preparation for the AP Language and Culture exam using authentic Spanish-language sources; in-depth reading, speaking, and listening on themes of global challenges, science and technology, contemporary life, families and communities, identities, and beauty; exclusive use of Spanish in class
Spanish AP Literature	60.0780010	Y	12	See placement guidelines	College-level course that provides intense preparation for the AP Literature exam using authentic Spanish-language literature; in-depth study of great Spanish literature: Isabel Allende, Borges, Cerbantes, Fuentes, García Lorca, García Márquez, Neruda, etc.; 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	61.0470010	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 war)

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 Pre-Calculus Honors A	27.3977040	S	0.5
FVS Accelerated GSE Alg I/ Geometry A Honors B	27.3994042	S	0.5		FVS Accelerated GSE Pre-Calculus Honors A	27.3977041	S	0.5
FVS/GAVS GSE Geometry AB	27.3991000	Y	1.0		FVS Accelerated GSE Pre-Calculus 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					