

2025-2026  
Curriculum  
Guide

# Cambridge

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# From the Principal

Dear Students, Parents and Guardians,

I am excited to welcome you to the Cambridge Course Catalog for the 2025-2026 school year! The information in this catalog is meant to help you make decisions on which courses you wish to pursue. Each course has a brief description created by the teachers who actually teach them. Each course lists out pre-requisite courses as well as information on the amount of time and effort needed to be successful in the class. While it is important that you read through this information closely, it is also important that you refer to the Fulton County placement guidelines for information on requirements for graduation. You can find the Fulton County Placement guidelines on our website at [www.CambridgeHS.org](http://www.CambridgeHS.org) under the Academics tab by hitting Academic Resources. This is a small step in your academic career but in all things, it is important to have every piece of information so you feel confident in your choices.

One of my favorite things about high school is the experience. I know you have heard me say this many times. So, as you peruse the catalog and look up the courses you are interested in, I encourage you to also make a list of the activities you wish to pursue outside of classes. Students and parents/guardians, I highly recommend you go through this catalog and your goals as a family. Consider your short-term goals for graduation, your desire to pursue talents and options that interest you, and your long terms goals of college and career. Consider that this is an opportunity to pick courses that provide balance for all three of these goals and maximize your high school experience.

Students, if you choose to go to college, learning how to navigate and pick courses of study towards your degree is a valuable skill. Every college, university, and institution of higher learning has a course catalog. This is a great opportunity to explore options and, where possible, choose for yourself. There are lots of mandates and required classes in high school (and later in post-studies), but you do have freedom to choose at least one or two classes per year that match your interests, values, and goals. Once you have completed your selections, discuss them as a family. Then, reach out to teachers, counselors, and/or administrators for their input. Our Cambridge faculty and staff have valuable experience, advice, and insight to offer you on your journey. Please do not hesitate to reach out if you need help or guidance.

For some of you, this will be your first step into Cambridge. For others, it will be the final selections in your high school career. For all of you, be mindful in your choices. Do not hesitate to question, to consider, and to find your balance. Wishing you joy and success in creating your Cambridge high school experience!

Sincerely,

A<sup>2</sup>

Ashley Agans

Proud Principal of Cambridge High School

# Course Requirements

THE FOLLOWING UNITS ARE REQUIRED UNDER THE NEW GRADUATION RULE FOR STUDENTS ENTERING NINTH GRADE IN FALL 2022 AND BEYOND:

Subject	Credits/Units	Requirements
Language Arts	4	<ul style="list-style-type: none"> <li>8<sup>th</sup> Enhanced Literature &amp; Composition I <b>OR</b> 9<sup>th</sup> Literature &amp; Composition I</li> <li>Literature &amp; Composition II <b>OR</b> the equivalent: AP Seminar or AP English Language</li> <li>American Literature Composition <b>OR</b> World Literature &amp; Composition <b>OR</b> Advanced Composition <b>OR</b> AP Course <b>OR</b> Dual Enrollment Course</li> <li>One additional English credit</li> </ul>
Mathematics	4	<ul style="list-style-type: none"> <li>Algebra Concepts &amp; Connections</li> <li>Geometry Concepts and Connections</li> <li>Advanced Algebra Concepts &amp; Connections</li> <li>Plus, one additional Math Credit</li> </ul>
Science	4	<ul style="list-style-type: none"> <li>Biology</li> <li>Physical Science or Physics</li> <li>Chemistry, Earth Systems, <b>OR</b> Environmental Science</li> <li>Plus, one additional Science Credit</li> </ul>
Social Studies	3	<ul style="list-style-type: none"> <li>World History</li> <li>US History</li> <li>American Government (.5 credit)</li> <li>Personal Finance &amp; Economics (.5 credit)</li> </ul>
Career Tech/World Language/Fine Arts	3	<ul style="list-style-type: none"> <li>Students must take a minimum of 3 credits in CTAE, Fine Arts, or World Language.</li> <li>*Students seeking admission to a four-year college or university in Georgia must take a minimum of 2 units of the same language.</li> </ul>
Health/General PE	1	<ul style="list-style-type: none"> <li>Health (.5 credit)</li> <li>Personal Fitness or a Waiver (.5 credit).</li> <li>*Students at CHS will take General PE or Weight Training and at the completion of the class will be required to submit the Personal Fitness waiver to fulfill the Personal Fitness Requirement.</li> </ul>
Electives	4	<ul style="list-style-type: none"> <li>4 additional credits are required from the subject areas listed above.</li> </ul>
Total	23	

\*STUDENTS WISHING TO RECEIVE INDUSTRY CERTIFICATION IN CERTAIN AREAS UNDER CAREER, TECHNICAL, AND AGRICULTURAL EDUCATION PROGRAMS MUST FOLLOW SPECIFIC PATHWAYS.

## HOPE SCHOLARSHIP

CURRENT INFORMATION ABOUT HOPE SCHOLARSHIP ELIGIBILITY CAN BE FOUND AT  
[HTTPS://WWW.GAFUTURES.ORG](https://www.gafutures.org)



# AP Capstone Diploma Program

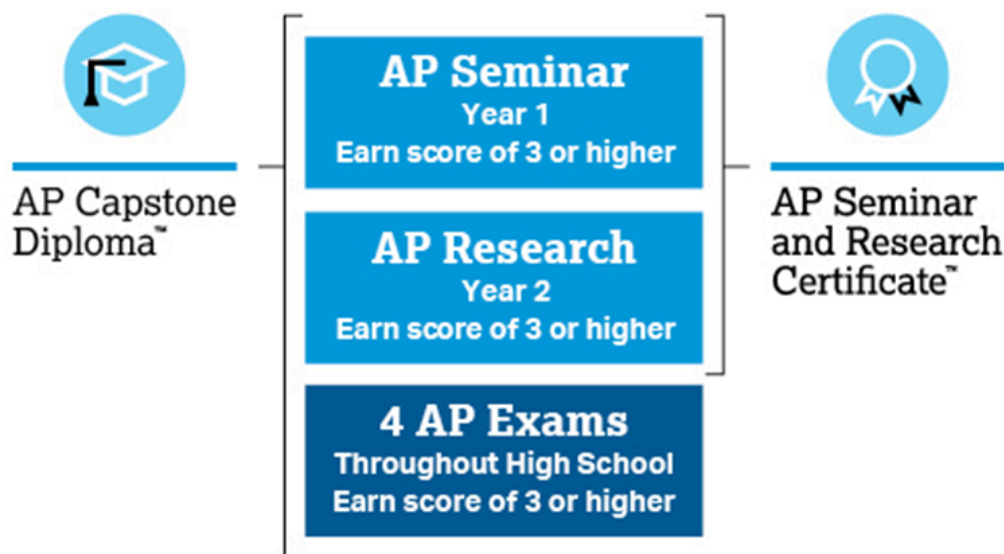
AP Capstone is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses – AP Seminar and AP Research – and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses.

In AP Seminar, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources to develop credible and valid evidence-based arguments. In AP Research, students cultivate the skills and discipline necessary to conduct independent research and inquiry to produce and defend their scholarly work.

AP Capstone program aims to empower students by:

- Engaging them with rigorous college-level curricula focused on the skills necessary for successful college completion;
- Extending their abilities to synthesize information from multiple perspectives and apply skills in new situations and cross-curricular contexts;
- Enabling them to collect and analyze information with accuracy and precision;
- Cultivating their abilities to craft, communicate, and defend evidence-based arguments; and
- Providing opportunities for them to practice disciplined and scholarly research skills while exploring relevant topics that appeal to their interests and curiosity

The AP Capstone Diploma and AP Seminar and Research Certificate Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams will receive the AP Seminar and Research Certificate.



At Cambridge, students can take AP Seminar, embedded with Literature/Comp Honors, as the year 1 course, which will also count as 1 English credit towards the graduation requirement.

More information on the AP Capstone Diploma Program can be found on <https://apcentral.collegeboard.org/courses/ap-capstone>

# Online Learning Options

## **Fulton Virtual Program (FV)**

Fulton Virtual (FV) offers over 100 core content areas, electives, world languages, and advanced placement courses. FV provides competency-based instruction that is flexibly paced to meet a student's academic needs. While students need to complete the course content by the end of the term, the rate at which a student works through a topic is flexible. However, it is the expectation that students log-in and make progress throughout every week. FV teachers reteach and reassess until the learner demonstrates mastery and they use formative assessments to determine what remediation and/or enrichment each student needs to progress. Fulton Virtual courses are student-led; instructors work with students, parents/guardians and other stakeholders (e.g., counselors) to deliver course learning objectives and support the academic needs of each student. For information about courses and links to Fulton Virtual, talk with your counselor and visit the Fulton Virtual page on the district website: [www.fultonschools.org/fultonvirtual](http://www.fultonschools.org/fultonvirtual).

## **Georgia Virtual (GAVS)**

Georgia Virtual offers more than 100 courses in the core content areas, world languages, career and technical education (CTAE), electives, and Advanced Placement. GAVS courses are structured like a traditional class with a fixed schedule and regular due dates. For more information on Georgia Virtual Schools, talk to your counselor and visit the following website: <http://www.gavirtualschool.org/>.

## **Credit Recovery**

Credit recovery is a free program for any Cambridge student that allows the student to retake a course in which he/she previously was not academically successful in earning credit. The available courses are those needed for graduation and limited electives. Fulton County Schools students have access to credit recovery course work through Georgia Virtual Credit recovery and Fulton County Credit Recovery. Students should speak with their counselor if they are interested in enrolling in a credit recovery course. For more information regarding Georgia credit recovery, please visit this website: <http://www.gacreditrecovery.org/>

**Important Note: Neither Georgia Virtual Credit Recovery (GVCR) nor Fulton County Credit Recovery (FCCR) meets NCAA nontraditional core-course legislation. Aspiring student athletes should not take Credit Recovery course work if they would like to be eligible for NCAA Collegiate Athletics. Please consult your local school counselor if you have additional questions.**



# Talented and Gifted

High school TAG students have a variety of options in receiving gifted services. The options are: Directed Studies, Career Internships (11th and 12th graders only), Advanced Placement (AP) Classes and College Classes. Students must complete at least one of the options to receive TAG credit.

- **Directed Study:** This is a TAG elective course, see course description in the table below.
- **Career Internship:** This is a TAG elective course, see course description in the table below.
- **AP Classes:** Any AP course will count for TAG credit for gifted students. AP course descriptions can be found in the relevant content sections.
- **College Classes:** Students can earn TAG credit for any college course for which they are dually enrolled.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Directed Study	70.2310001 fall 70.2310002 spring	S	9-12	Approval of TAG Department Chair	Directed Study may be taken in any academic area. This course is an elective course that allows a student to pursue an area of study of personal interest that is not already offered as an elective through Cambridge High School. Students with the guidance of a teacher will develop the course of study. Student and teacher will write a curriculum contract that lists goals, objectives, and requirements.
Gifted Career Intern	70.2210001 fall 70.2210002 spring	Y	11-12	Approval of TAG department through an application process at the beginning of spring semester the prior school year to taking the course	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. 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
Gifted Career Intern Year 2	70.2220001 fall 70.2220002 spring	Y	12		

# ELA

## Graduation Requirement: 4 Credits

8 <sup>th</sup> Grade	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Language Arts 8 On-Level	Lit/ Comp I <b>OR</b> Lit/ Comp I Honors *	Lit/Comp II <b>OR</b> Lit/Comp II Honors* <b>OR</b> AP Seminar ELA*	American Lit/Comp <b>OR</b> World Lit/ Comp <b>OR</b> Advanced Comp H* <b>OR</b> Dramatic Writing <b>OR</b> AP Seminar ELA* <b>OR</b> AP Lang* Dual Enrollment	American Lit/Comp <b>OR</b> World Lit/Comp <b>OR</b> Advanced Comp H* <b>OR</b> Dramatic Writing <b>OR</b> AP Seminar, ELA* <b>OR</b> AP Lang* <b>OR</b> AP Lit* <b>OR</b> Dual Enrollment
Language Arts 8 Advanced	Lit/ Comp I <b>OR</b> Lit/ Comp I Honors *	Lit/Comp II <b>OR</b> Lit/Comp II Honors* <b>OR</b> AP Seminar ELA*	American Lit/Comp <b>OR</b> World Lit/ Comp <b>OR</b> Advanced Comp H* <b>OR</b> Dramatic Writing <b>OR</b> AP Seminar ELA* <b>OR</b> AP Lang* Dual Enrollment	American Lit/Comp <b>OR</b> World Lit/Comp <b>OR</b> Advanced Comp H* <b>OR</b> Dramatic Writing <b>OR</b> AP Seminar, ELA* <b>OR</b> AP Lang* <b>OR</b> AP Lit* <b>OR</b> Dual Enrollment
9 <sup>th</sup> Grade Lit/Comp Honors	Lit/Comp II <b>OR</b> Lit/Comp II Honors* <b>OR</b> AP Seminar ELA*	American Lit/Comp <b>OR</b> World Lit/ Comp <b>OR</b> Advanced Comp H* <b>OR</b> Dramatic Writing <b>OR</b> AP Seminar ELA* AP Lang*	American Lit/Comp <b>OR</b> World Lit/Comp <b>OR</b> Advanced Comp H* <b>OR</b> Dramatic Writing <b>OR</b> AP Seminar, ELA* <b>OR</b> AP Lang* <b>OR</b> AP Lit* <b>OR</b> Dual Enrollment	Optional ELA credits to include any of the choices listed.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Literature/ Composition I	23.0616000	Y	8 or 9	Passing grade - 8th ELA	Introduction to high school literature and composition, including reading strategies, interpretation of literature, writing, and grammar. Students will be introduced to Shakespeare and Homer, in addition to contemporary fiction and non-fiction. Students will compose written and multimedia texts to show mastery of standards.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Literature/ Composition I Honors	23.0616040	Y	8 or 9	90 or above in on level 8th ELA OR 85 or above in 8th ELA Advanced	Honors level introduction to high school literature and composition, including reading strategies, interpretation of literature, writing, and grammar. Students will be introduced to Shakespeare and Homer, in addition to contemporary fiction and non-fiction. Students will compose written and multimedia texts to show mastery of standards.
Literature/ Composition II	23.0617000	Y	9 or 10	Passing grade – Lit/Comp I	This course will deepen students' understanding of literature, rhetoric and informational texts. Students will read a variety of texts, including full novels, and will compose written and multimedia texts to show mastery of standards. This course has an end-of-course (EOC) exam administered by the state of Georgia.
Literature/ Composition II Honors	23.0617040	Y	9 or 10	90 or above in on level Lit I OR 85 or above in Lit I Honors	This honors level course will deepen students' understanding of literature, rhetoric and informational texts. Students will read a variety of texts, including full novels, and will compose written and multimedia texts to show mastery of standards. This course has an end-of-course (EOC) exam administered by the state of Georgia.
AP Seminar ELA	23.0380000	Y.	9 or 10	90 or above in on level Lit I OR 85 or above in Lit I Honors AND teacher recommendation	AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. If taken in place of Lit/Comp II, this course has an end-of-course (EOC) exam administered by the state of Georgia.

Course	Course Number	Term	Grade (s)	Prerequisite(s)	Course Description
AP English Language/Composition	23.0430000	Y	10-12	90+ in Lit II OR Equivalent course (ex. AP Seminar ELA)	The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods.
American Literature/Composition	23.0510000	Y	10-12	Passing grade – Lit/Comp I and II (or AP Seminar/Lang)	This course will deepen students' understanding of literature, rhetoric and informational texts as it relates to American Literature. Students will read a variety of texts, including full novels, and will compose written and multimedia texts to show mastery of standards. Students will understand how American history and art interact to create great literature.
American Literature/Composition Honors	23.0510040	Y	10-12	Lit/Comp I and II (or AP Seminar/Lang) and teacher recommendation	This honors level course will deepen students' understanding of literature, rhetoric and informational texts as it relates to American Literature. Students will read a variety of texts, including full novels, and will compose written and multimedia texts to show mastery of standards. Students will understand how American history and art interact to create great literature.
World Literature	23.0670000	Y.	10-12	Passing grade – Lit/Comp I and II (or AP Seminar/Lang)	This course is designed to expose students to literature from around the world and through the lens of multiple cultures. Students will read a variety of texts, including full novels, and will compose written and multimedia texts to show mastery of standards.



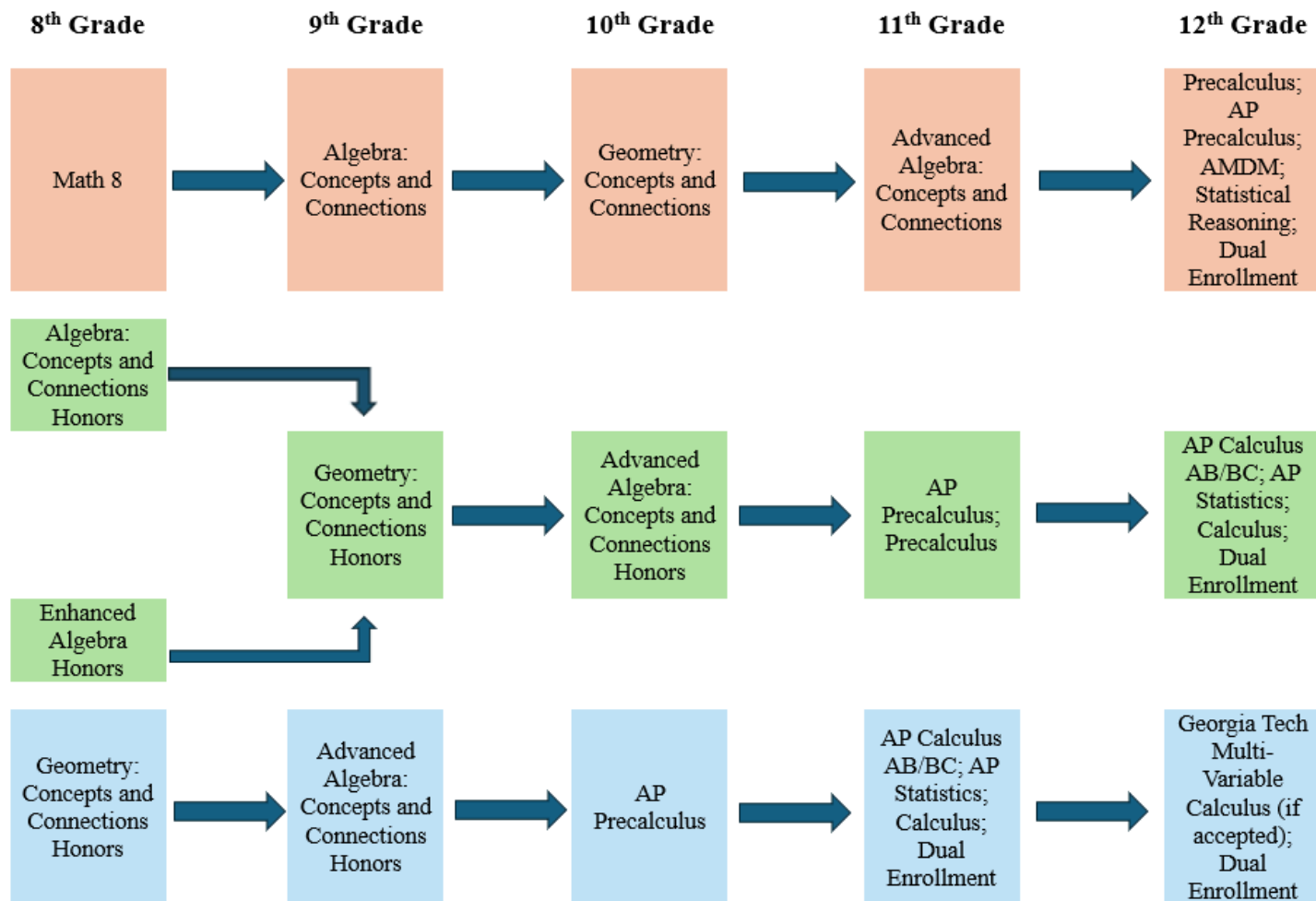
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
AP English Literature/Composition	23.0650000	Y	11-12	90+ in Lit I and II Honors AND teacher recommendation	AP Literature is a study of fiction ranging from plays, to novels, to poetry. The class is an in-depth look at human nature that sees the students reading and writing across genres. Students must have strong reading comprehension skills paired with a love of reading or the willingness to read all text. Similarly, student should have strong writing skills.
Advanced Composition Honors	23.0340040	Y	10-12	Passing grade – Lit/Comp I and II (or AP Seminar/ Lang)	Advanced-level study of contemporary writing. Students write for a variety of authentic purposes and audiences. Students will conduct research in the Fall semester and spend the Spring semester undertaking a survey of literary criticism. This course is writing focused to help prepare students for rigors of college classes.
Dramatic Writing/Advanced Composition Honors	52.0920000	Y	10-12	Lit/Comp I and II (or AP Seminar/ Lang)	Applies skills to culminate in creating and developing dramatic writing for theatrical media with special emphasis on film and television. Includes development of “writerly stance” by reading, viewing, and analyzing texts and visual media from a writer’s point of view, with focus on understanding the construction process and including the application of conventions of standard English grammar and usage. Cannot count as 4th ELA credit if you have taken Advanced Literature/Composition Honors.
AP Research (Elective)	23.0370001-fall 23.0370002-spring	Y.	10-12	AP Seminar	AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in AP Seminar. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.
Contemporary Literature (Elective)	23.0660001	Y	11-12	none	Study of contemporary film with an emphasis on literary analysis and study of craft.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Journalism I (Elective)</b>	23.0320001-fall 23.0320002-spring	Y	9-10	none	Study of newspaper journalism, production of school newspaper.
<b>Journalism II (Elective)</b>	23.0330001-fall 23.0330002-spring	Y	10-11	Journalism I	Study of newspaper journalism, production of school newspaper.
<b>Journalism III (Elective)</b>	23.0350001-fall 23.0350002-spring	Y	11-12	Journalism I&II	Study of newspaper journalism, production of school newspaper.
<b>Journalism IV (Elective)</b>	23.0360001-fall 23.0360002-spring	Y	12	Journalism I, II & III	Study of newspaper journalism, production of school newspaper.
<b>Journalism I Annual (Elective)</b>	23.0320003-fall 23.0320004-spring	Y	9-10	none	Study of photojournalism and production of school annual.
<b>Journalism II Annual (Elective)</b>	23.0330003-fall 23.0330004-spring	Y	10-11	Journalism I	Study of photojournalism and production of school annual.
<b>Journalism III Annual (Elective)</b>	23.0350003-fall 23.0350004-spring	Y	11-12	Journalism II	Advanced study of photojournalism and production of school annual.
<b>Journalism IV Annual (Elective)</b>	23.0360003-1	Y	12	Journalism III	Advanced study of photojournalism and production of school annual.



# Math

Graduation Requirement: 4 Credits



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Algebra: Concepts and Connections	27.0811001 fall 27.0811002 spring	Y	9	Math 8	This course is designed as the first course in a three-course series. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics. This course focuses on algebraic, quantitative, geometric, graphical, and statistical reasoning. In this course, students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of linear functions, sums and products of rational and irrational numbers, systems of linear inequalities, distance, midpoint, slope, area, perimeter, nonlinear equations and functions, quadratic expressions, equations and functions, exponential expressions, equations, and functions, and statistical reasoning.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Co-requisite Algebra I Support</b>	27.0812001 fall 27.0812002 spring	Y	9	Math 8	This course is an elective that is a companion class to Algebra: Concepts and Connections for students who need additional mathematics support. This class will give the student extra time and practice on a daily basis.
<b>GSE Geometry Honors</b>	27.0821041 fall 27.0821042 spring	Y	9	Algebra: Concepts and Connections Honors	This course is designed as the second course in a three-course honors series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability.
<b>Geometry: Concepts and Connections</b>	27.0821001 fall 27.0821002 spring	Y	10	Algebra: Concepts and Connections	This course is designed as the second course in a three-course series. This course enhances students' geometric, algebraic, graphical, and probabilistic reasoning skills. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving geometry, trigonometry, algebra, probability, and statistics. Students will continue to enhance their analytical geometry and reasoning skills when analyzing and applying a deep understanding of polynomial expressions, proofs, constructions, rigid motions and transformations, similarity, congruence, circles, right triangle trigonometry, geometric measurement, and conditional probability.
<b>Advanced Algebra: Concepts and Connections Honors</b>	27.0831041 fall 27.0831042 spring	Y	9-10	Geometry Concepts and Connections Honors	This course is designed as the third course in a three-course honors series. This course will continue to enhance data and statistical reasoning skills as students learn specific ways to collect, critique, analyze, and interpret data. Students will learn how to use matrices and linear programming to represent data and to solve contextually relevant problems. Students will strengthen their geometric and spatial reasoning skills as they learn how to solve trigonometric equations using the unit circle. Students will further develop their functional and graphical reasoning as they explore and analyze structures and patterns for exponential, logarithmic, radical, polynomial, and rational expressions, equations and functions to further understand the world..

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Advanced Algebra: Concepts and Connections</b>	27.0831001 fall 27.0831002 spring	Y	11	Geometry Concepts and Connections	This course is designed as the third course in a three-course series. This course will continue to enhance data and statistical reasoning skills as students learn specific ways to collect, critique, analyze, and interpret data. Students will learn how to use matrices and linear programming to represent data and to solve contextually relevant problems. Students will strengthen their geometric and spatial reasoning skills as they learn how to solve trigonometric equations using the unit circle. Students will further develop their functional and graphical reasoning as they explore and analyze structures and patterns for exponential, logarithmic, radical, polynomial, and rational expressions, equations and functions to further understand the world.
<b>Pre-Calculus</b>	27.0841001 fall 27.0841002 spring	Y	11-12	Advanced Algebra: Concepts and Connections or Advanced Algebra: Concepts and Connections Honors	The course provides students with the opportunity to develop a deeper understanding of concepts in Algebra that are critical to the study of Calculus as well as an understanding of trigonometry and its applications. Throughout the course there will be a focus on notational fluency and the use of multiple representations. The course includes the study and analysis of piecewise and rational functions; limits and continuity as related to piecewise and rational functions; sequences and series with the incorporation of convergence and divergence; conic sections as implicitly defined curves; the six trigonometric functions and their inverses; applications of trigonometry such as modeling periodic phenomena, modeling with vectors and parametric equations, solving oblique triangles in contextual situations, graphing in the Polar Plane; solutions of trigonometric equations in a variety of contexts; and the manipulation and application of trigonometric identities.
<b>Advanced Mathematical Decision Making</b>	27.0850001 fall 27.0850002 spring	Y	12	Advanced Algebra: Concepts and Connections	This course is designed to give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, an opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions.
<b>Statistical Reasoning</b>	27.0880001 fall 27.0880002 spring	Y	12	Algebra: Concepts and Connections	Statistical Reasoning offers students opportunities to strengthen their understanding of the statistical method of inquiry and statistical simulations. Students will formulate statistical investigative questions to be answered using data, will design and implement a plan to collect the appropriate data, will select appropriate graphical and numerical methods for data analysis, and will interpret their results to make connections with the initial question.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Calculus	27.0780001 fall 27.0780002 spring	Y	12	Precalculus or AP Precalculus	The course provides students with the opportunity to develop an understanding of the derivative and its applications as well as the integral and its applications. Throughout the course there will be a focus on notational fluency and the use of multiple representations. The course includes the study and analysis of limits and continuity as applied to a variety of functions; the derivative as related to limits and continuity; various derivative rules such as product, quotient, and chain; applications of the derivative including curve analysis, applied max/min situations, related rate problems, and use of Mean Value Theorem; the definite integral as a limit of Riemann sums; properties of definite integrals; the Fundamental Theorem of Calculus as it relates derivatives and integrals; techniques of integration including u - substitution; and applications of the integral including solving separable differential equations, finding a particular solution curve given an initial condition, area between curves on a coordinate plane, and average value situations.
AP Precalculus	27.0741001 fall 27.0741002 spring	Y	10-12	Adv Algebra: Concepts and Connections Honors	The course centers on functions modeling dynamic phenomena. Students also learn that functions and their compositions, inverses, and transformations are understood through graphical, numerical, analytical, and verbal representations, which reveal different attributes of the functions and are useful for solving problems in mathematical and applied contexts. In turn, the skills learned in this course are widely applicable to situations that involve quantitative reasoning. Students learn that a function is a mathematical relation that maps a set of input values– the domain–to a set of output values–the range–such that each input value is uniquely mapped to an output value. Students understand functions and their graphs as embodying dynamic covariation of quantities, a key idea in preparing for calculus. With each function type, students develop and validate function models based on the characteristics of a bivariate data set, characteristics of covarying quantities and their relative rates of change, or a set of characteristics such as zeros, asymptotes, and extrema. This type of understanding helps students to engage with both familiar and novel contexts. See Precalculus course description below for additional topics.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
AP Calculus AB	27.0720001 fall  27.0720002 spring	Y	11-12	AP Precalculus	Topics in AP Calculus AB include limits and their properties; derivatives and differentiation applications; anti-derivatives and indefinite integration; area and definite integrals; integration by substitution; the trapezoidal rule; logarithmic, exponential, and other transcendental functions; applications and methods of integration; miscellaneous topics in Calculus AB. This course is equivalent to a college-level Calculus I course.
AP Calculus BC	27.0730001 fall  27.0730002 spring	Y	11-12	AP Precalculus	Topics in AP Calculus BC include all topics from AP Calculus AB as well as applications of integration involving work and arc length; parametric equations; analysis of acceleration and velocity vectors; applications of slope fields to differential equations; analysis of geometric, harmonic, p-, and alternating series; and approximations of polynomials with Taylor and Maclaurin series. This course is equivalent to college-level Calculus I and Calculus II courses.
AP Statistics	27.0740001 fall  27.0740002 spring	Y	11-12	Algebra: Concepts and Connections	Topics in AP Statistics 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; multinomial experiments; analysis of variance; statistical process control; nonparametric statistics; design and sampling. Students are required to do a fair amount of reading and are expected to use the textbook as a primary source of information. Likewise, there is a major emphasis on writing rather than algebraic manipulation. This course is equivalent to introductory college-level Statistics.
AP Computer Science A	11.0160001 fall  11.0160002 spring	Y	11 or 12	Adv Algebra: Concepts and Connections Honors	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.

# Science

Graduation Requirement: 4 Credits

1 credit must be Biology; 1 credit must be Physical Science OR Physics; 1 credit must be Chemistry, Earth Systems, Environmental Science or an AP course.

9th Grade		10th Grade	11th Grade	12th Grade
Honors Biology	> 85* H Bio <u>AND</u> 85 in Algebra or 80* H Algebra	→ Honors Chemistry →	Environmental Sci., Earth Systems, Chemistry, H Chemistry, Physics AP Physics 1, AP Chemistry, AP Biology, AP Environ. Sci.	<b>Science Selection**</b> Physics, Anatomy, H Anatomy, Astronomy, Env. Sci., Earth Systems, AP Physics 1 or 2, AP Chemistry, AP Biology, AP Env. Sci.  **Based on prerequisites with unweighted grades
Biology	95 Bio <u>AND</u> 85 in Algebra or 80* H Algebra	→ Honors Chemistry →	Physics, AP Physics 1, AP Chemistry, AP Biology, AP Env. Sci.	
Honors Biology	>80* H Bio <u>AND</u> 85 in Algebra or 80* H Algebra	→		
Biology	85 Bio <u>AND</u> 85 in Algebra or 80* H Algebra	→ Chemistry →	Physics	
Biology	70* or higher in Bio or H Bio	→ Physical Science →	<b>Science Selection</b> Environmental Science, Earth Systems, Chemistry	

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Biology	26.0120001 fall 26.0120002 spring	Y	9	None	Students will investigate 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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Honors Biology</b>	26.0120041 fall 26.0120042 spring	Y	9-10	> 88 in High School Physical Science in 8th grade OR > 95 in 8th grade on level science	Student will investigate 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
<b>Env. Science</b>	26.0611001 fall 26.0611002 spring	Y	9-12	None	Students will 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).
<b>Physical Science</b>	40.0110001 fall 40.0110002 spring	Y	10-12	Biology	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. This class is not appropriate for students who have completed Chemistry.
<b>Earth Systems</b>	40.0640001 fall 40.0640002 spring	Y	10-12	None	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).

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Chemistry	40.0510001 fall 40.0510002 spring	Y	10-12	> 85 in Bio and/or > 80 in Physical Science AND > 85 Advanced Algebra C&C or Geometry C&C & > 80 in Algebra C&C	Students will 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.
Honors Chemistry	40.0510041 fall 40.0510042 spring	Y	10-12	> 85 in Bio and/or > 80 in Physical Science AND > 85 in Advanced Algebra C&C or Geometry C&C & > 80 in Algebra C&C	Students will 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.
Physics	40.0810001 fall 40.0810002 spring	Y	11-12	Pre/co req: Advanced Algebra C&C	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.
Human Anatomy	26.0730001 fall 26.0730002 spring	Y	11-12	> 80 or in Bio AND in Physical Science or Chemistry	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.

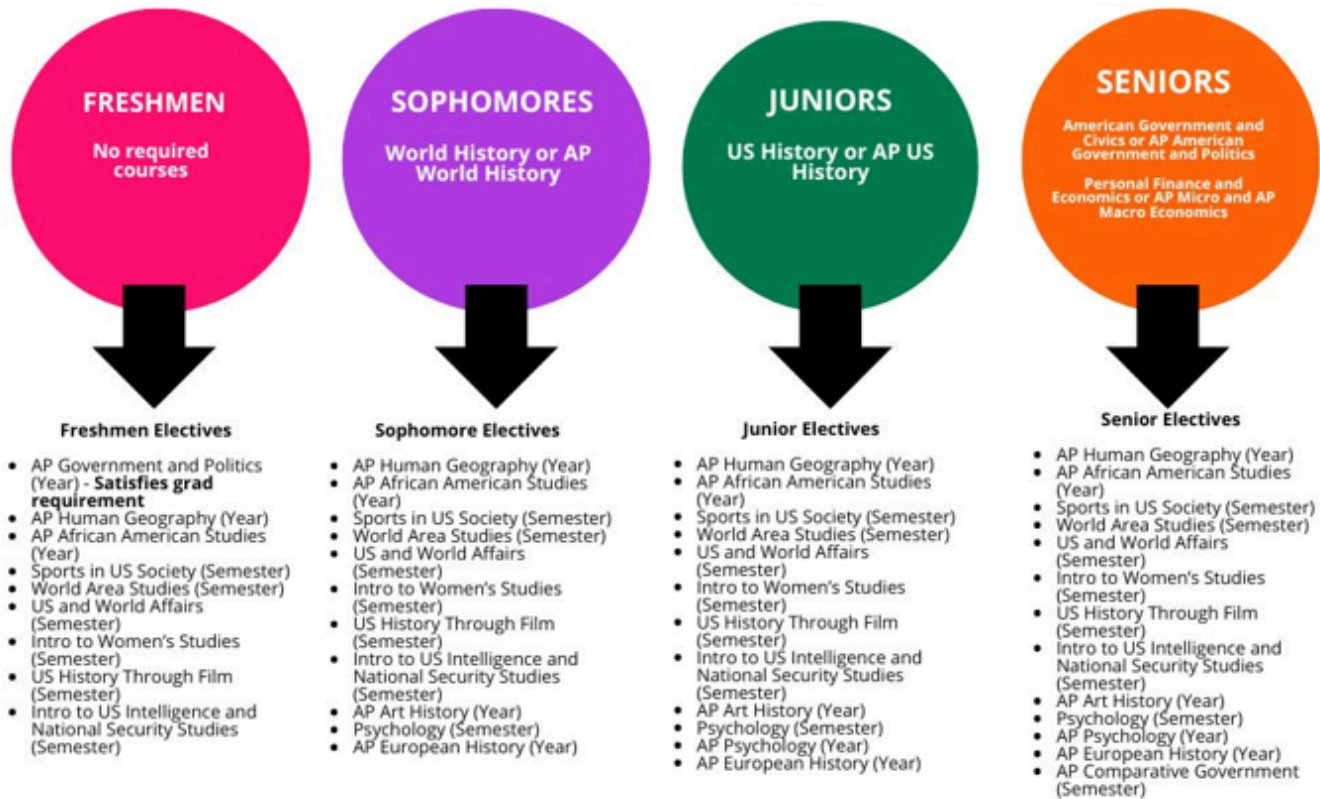
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Honors Human Anatomy	26.0730041 fall 26.0730042 spring	Y	11-12	> 85 in Biol AND in Chem OR > 80 in Honors Bio and Honors Chem (not weighted)	In this course students process and develop research skills through the investigation of 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.
Astronomy	40.0210001 fall 40.0210002 spring	Y	11-12	Biology and Physical Science	Students will investigate the systems 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 Biology	26.0140001 fall 26.0140002 spring	Y	11-12	> 85 (not weighted) in Honors Bio OR > 95 in Bio AND > 85 (not weighted) in Honors Chem	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.
AP Chemistry	40.0530001 fall 40.0530002 spring	Y	11-12	> 80 (not weighted) in Honors Chem S1 AND enrolling in Pre-Calculus OR teacher rec	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.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
AP Env. Science	26.0620001 fall 26.0620002 spring	Y	11-12	> 80 in Chem S1 OR > 90 in Physical Science S1 AND enrolling in Adv. Algebra C&C OR teacher rec	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
AP Physics 1	40.0831001 fall 40.0831002 spring	Y	11-12	> 90 in Chem S1 OR > 80 in Honors Chem (not weighted) S1 OR > 90 in Physics and Pre/Co Req Pre-Calculus OR teacher rec	AP Physics 1 is an Algebra-based Advanced Placement course that introduces college -level physics units which explores Kinematics, Dynamics with Newtonian Mechanics (rotational dynamics and angular momentum), Conservation of Energy (including work, energy, and power) and Momentum. This college level course uses conceptual understanding and applications of physics in the real world to understand the mechanisms of physics.
AP Physics 2	40.0832001 fall 40.0832002 spring	Y	11-12	> 80 or in AP Physics S1	AP Physics 2 is an Algebra-based Advanced Placement 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.

# Social Studies

Graduation Requirement: 3 Credits



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Intro to US Intelligence and National Security Studies	45.060001	S	9 - 12	None	<p>This course provides a broad overview of the field of U.S. Intelligence, the composition of the Intelligence Community (IC), and the various functions of each of the member agencies. Students will explore the impacts of U.S. Intelligence on national and homeland security. Students will also examine the collaboration, coordination, and information sharing between the federal, state, and local levels of government. Throughout this course, students will explore the different types of intelligence and the overall cycle of intelligence analysis, collection, and information sharing. Students will also analyze the current challenges of the U.S. IC in an ever-changing and increasingly complex world through the examination of real-world events (e.g., the COVID-19 pandemic, major cyber incidents (like the Colonial Pipeline hack), and regional conflicts).</p>

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Intro to US Women's Studies</b>	45.0195001	S	9 - 12	None	This course is an introduction to the study of women in the United States. Students will explore, through various disciplinary lenses, the culture, history, art, accomplishments, and the march towards societal and political equality as they relate to lives of women in the United States
<b>Sport in United States Society</b>	45.0190001	S	9-12	None	Sport in United States Society course examines the vital sociological role of sports in the making of United States society and culture, and vice-versa. The course analyzes the reasons for and popularity of youth, high school, collegiate, and professional sports and the interrelationship between sports and other social institutions, such as the economy, education, media, and politics. Inequalities and deviance in society that are reflected in sports are discussed, along with social progress championed through sports. Current issues and controversies in sports that are a microcosm of society are also presented.
<b>US History in Film</b>	45.0812001	S	9-12	None	The production, distribution, exhibition, audience and critic viewings of fictional films will be investigated to fully evaluate their roles as historical evidence. A major goal of this course is determining what is valid in contemporary films and historical dramas and what these films say about the people who create them, the politics behind their creation, and how they reflect the values, ideas, and larger historical issues of the times in which they were created. Students in this course will 1) view movies on various topics, 2) participate in inner/outer Socratic seminar discussions, and 3) write essays comparing film evidence to information in more traditional sources, such as articles, textbooks, and critical commentaries.
<b>United States and World Affairs (International Affairs)</b>	45.0910001	S	9-12	None	In this course students will research and debate 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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
World Area Studies	45.0920001	S	9-12	None	In this semester-long class, students will develop an understanding and appreciation for the culture, economics, history, politics, and religions of countries in East and Southeast Asia. Countries of focus will include China (PRC), Japan, South Korea, and Taiwan (ROC). Part of this course, if offered in Spring, will also focus on preparing students to host exchange students from Asia and travel to Asia in the summer.
World History	45.0830001 fall 45.0830002 spring	Y	10	None	This course includes the study of 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.
Psychology	45.0150001	S	10-12	None	This course focuses on the study of human behavior. As an introduction to the field of psychology, this course includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications.
U.S. History	45.0810001 fall 45.0810002 spring	Y	11	None	The course involves the study of 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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
American Government /Civics	45.0570001	S	12	None	This course involves the study of 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. They will use documents and primary source data to analyze point of view, understand and interpret information, and write document-based and comparative analysis essays.
Economics	45.0610001	S.	12	None	Students will study supply and demand, market forces, money, banking and capital, organization of natural resources, the national economy and global interdependence.
AP African American Studies	45.0896001 fall 45.0896002 spring	Y	9-12	None	AP African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with rich and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment.
AP Human Geography	45.0770001 fall 45.0770002 spring	Y	9-12	None	In this course students will study systematic patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface.
AP U.S. Government and Politics	45.0520001 fall 45.0520002 spring	S	9	Teacher Rec Encourag ed	Students will study 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.



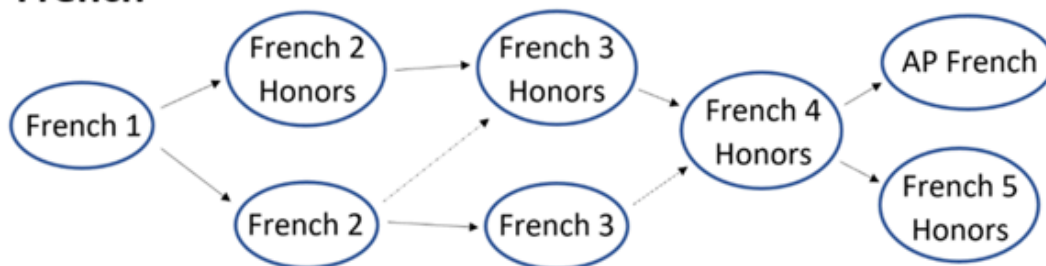
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
AP World History	45.0820001 fall 45.0820002 spring	Y	10	Teacher Rec Encourag ed	Students will study Prehistoric culture, ancient civilizations, classical civilizations, the medieval world, the Age of Exploration, Enlightenment, French Revolution, decline of colonial empires in America, Industrial Revolution, nationalism and imperialism, totalitarianism, WWI, WWII, and the modern world
AP Art History	50.0921001 fall 50.0921002 spring	Y	10-12	None	“Students discover the diversity in and connections among forms of 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 College Board AP Art History Course Description.
AP U.S History	45.0820001 fall 45.0820002 spring	Y	11	Teacher Rec Encourag ed	This course focuses on 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 Comparative Gov. & Politics	45.0530001 fall 45.0530002 spring	Y	11-12	Teacher Rec Encourag ed	Students will study concepts used to study the processes and outcomes of politics in different countries, global political and economic changes and politics in six different countries: China, Great Britain, Iran, Mexico, Nigeria, and Russia.
AP European History	45.0840001 fall 45.0840002 spring	Y	11-12	World History	Students will study 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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
AP U.S. Gov. & Politics	45.0520001	S	11-12	Teacher Rec Encouraged	This course focuses on elections, political parties, policy-making, government institutions (such as the Presidency, the legislature, and the courts), civil liberties, and globalization.
AP Psychology	45.0160001 fall 45.0160002 spring	Y	11-12	None	Students will study human behavior as an introduction to the field of psychology. This course includes consideration of psychological principles, terminology, major theories, careers, methods of experimentation, and practical applications
AP Micro Economics	45.0630001 fall	S1	11-12	Teacher Rec Encouraged	This course focuses on 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).
AP Macro Economics	45.0620002 spring	S2	11-12	Teacher Rec Encouraged	Students will study basic economic concepts: introduction to international economics, 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.

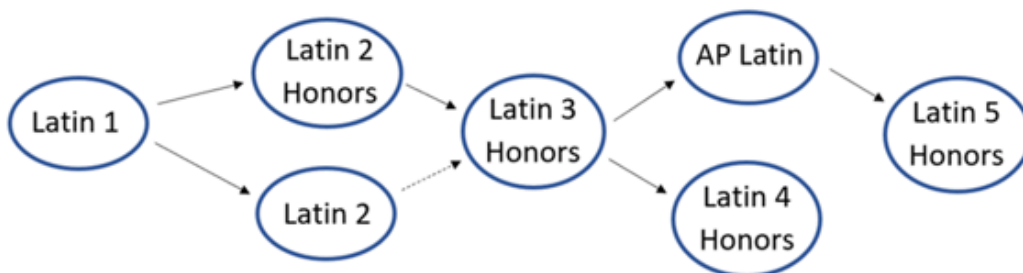
# World Language

Minimum of 2 years of the same World Language is required for the admission to the majority of 4-year colleges/universities

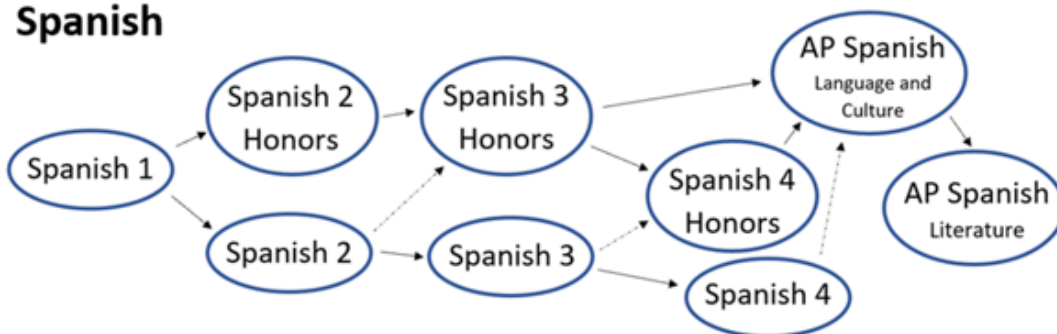
## French



## Latin



## Spanish



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
French 1	60.0110001 fall 60.0110002 spring	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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>French 2</b>	60.0120001 fall 60.0120002 spring	Y	9-12	French 1 with semester 1 average of at least a 73 or higher	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.
<b>French 2 Honors</b>	60.0120041 fall 60.0120042 spring	.Y	9-12	French 1 with S1 average of > 85	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.
<b>French 3</b>	60.0130001 fall 60.0130002 spring	Y	10-12	French 2 with S1 average of > 73	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.
<b>French 3 Honors</b>	60.0130041 fall 60.0130042 spring	Y.	10-12	French 2 Honors with S1 average of > 85 (not weighted) OR French 2 with S1 average of > 90	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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>French 4 Honors</b>	60.0140041 fall 60.0140042 spring	Y	11-12	French 3 Honors with S1 average of > 85 (not weighted) OR French 3 with S1 average of > 90	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.
<b>AP French Language and Culture</b>	60.0170001 fall 60.0170002 spring	Y	12	Teacher rec: French 4 Honors with S1 average of > 85 (not weighted) OR a placement exam	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.
<b>French 5 Honors</b>	60.0150041 fall 60.0150042 spring	Y	12	Teacher rec: French 4 Honors OR AP French with a S1 average > 85 (not weighted)	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.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Latin 1	61.0410001 fall 61.0410002 spring	Y	9-12	None	Latin I introduces students to the basics of the Latin language and Roman culture. Students will follow one Roman family on a journey through various parts of the Roman Empire, viz. Pompeii, Britannia, Alexandria. Emphasis will be placed on fundamental language structures, vocabulary, derivatives, and reading comprehension – all of which is supplemented with culture, history, and mythology.
Latin 2	61.0420001 fall 61.0420002 spring	Y	9-12	Latin 1	In Latin II students move deeper into the Latin language: subjunctive mood, participles, gerundives, passive voice, ablative absolute, future tense. Students continue to be guided by their favorite characters as they learn these more complex aspects of the Latin language, which is supplemented with further study of culture, history, and mythology. Latin II is designed for students intending to cease their study of Latin after level II. While the content of Latin II is similar to that of Latin II Honors, assessments are designed for a lower level of mastery. Students wanting to continue to Latin III Honors should strongly consider taking Latin II Honors.
Latin 2 Honors	61.0420041 fall 61.0420042 spring	Y	9-12	Latin 1 and teacher rec	In Latin II Honors students move deeper into the Latin language: subjunctive mood, participles, gerundives, passive voice, ablative absolute, future tense. Students continue to be guided by their favorite characters as they learn these more complex aspects of the Latin language, which is supplemented with further study of culture, history, and mythology. Mastery of increasingly complex grammatical structures for the purpose of reading comprehension is our goal.
Latin 3 Honors	61.0430041 fall 61.0430042 spring	Y	10-12	Latin 2 Honors or Latin 2 with teacher rec	In Latin III Honors students hone the final points of grammar, and exploration of primary sources takes center stage. In the first semester, students focus on indirect statements and the subjunctive mood as they complete the plotline they've been following for two years. Then in the second semester students read a selection of original texts by Roman authors (adapted where necessary), including Catullus, Ovid, Pliny, Tacitus, and Vergil. Students are introduced to Latin poetry, rhetorical devices, and scansion of dactylic hexameter. Emphasized are the comprehension and analysis of advanced texts in preparation for AP Latin.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Latin 4 Honors	61.0440041 fall 61.0440042 spring	Y	11-12	Latin 3 Honors	The aim of this course is to provide students with the opportunity to read complex original works from Roman authors without the pressure of the AP curriculum and requirements. In semester one students will learn alongside AP Latin students as they foray into the worlds of Caesar's De Bello Gallico and Vergil's Aeneid as well as selections from other Roman authors. The second semester will begin to offer students the opportunity to read primary Latin texts in a variety of genres and Roman authors. Students will have options throughout the year to demonstrate proficiency of understanding by alternative means including poetry, art, engineering, dance, music, video-based design, acting, etc. The academic year will culminate in a more extensive project-based experience.
AP Latin	61.0480001 fall 61.0480002 spring	Y	11-12	Latin 3 Honors and teacher rec	AP Latin aims to deepen our love, appreciation, and understanding of the Romans and their language through exploration of some of their greatest authors. It features close, careful reading, translation, and discussion of Caesar's De Bello Gallico and Vergil's Aeneid as well as selections from other Roman authors and a continuing dialogue about the Roman cultural products, practices, and perspectives based on both the students' prior knowledge and the historical and literary context of the readings. Learning objectives are fourfold: translation, reading comprehension, contextualization, and analysis.
Latin 5 Honors	61.0450041 fall 61.0450042 spring	Y	12	AP Latin and teacher rec	Latin V Honors offers advanced Latin students the opportunity to read primary Latin texts in a variety of genres. Having mastered the structural elements of the Latin language and having shown proficiency in reading comprehension of advanced Latin texts, students will reap the fruits of their hard work as they enjoy reading authors of their own choosing. Students may read from Ovid, Cicero, Catullus, Horace, Vergil, Caesar, Plautus, Martial, Cato, Pliny, Tacitus, Suetonius, Livy, Quintilian, Nepos, Seneca, Propertius, et al. In addition to these authors, students may read from Biblia Sacra Vulgata; spend a little time in Harrius Potter et Philosophi Lapis, Hobbitus Ille, Winnie Ille Pu, Cattus Petasatus; and even create their own Latin version of English works. The sky really is the limit for students in this course. Upon completion, students will be well prepared for any advanced Latin course at the undergraduate level.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Spanish 1	60.0710001 fall 60.0710002 spring	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	60.0720001 fall 60.0720002 spring	Y	9-12	Spanish 1 with S1 average > 73	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	60.0720041 fall 60.0720042 spring	Y	9-12	Spanish 1 with S1 average > 85	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	60.0730001 fall 60.0730002 spring	Y	9-12	Spanish 2 with S1 average > 73	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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Spanish 3 Honors	60.0730041 fall 60.0730042 spring	Y	9-12	Spanish 2 Honors with S1 average >85 (not weighted) OR Spanish 2 with S1 average >90	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	60.0740001 fall 60.0740002 spring	Y	10-12	Spanish 3 with S1 average >73	Students work towards the year-end goal of reaching intermediate-mid listening, reading, writing, and speaking levels. (Students can participate in conversations on familiar topics using sentences and series of sentences. Students can handle short social interactions in everyday situations by asking and answering a variety of questions. Students can usually say what they want to say about themselves and their everyday life.) The course provides extensive development of communicative and cultural competence and requires extensive use of Spanish in class.
Spanish 4 Honors	60.0740041 fall 60.0740042 spring	Y	10-12	Spanish 3 Honors with S1 average >85 (not weighted) OR Spanish 3 with S1 average >90	Students work towards the year-end goal of reaching intermediate-high listening, reading, writing, and speaking levels. (Students can participate with ease and confidence in conversations on familiar topics. Students can usually talk about events and experiences in various time frames, and describe people, places, and things. Students can handle social interactions in everyday situations, sometimes even when there is an unexpected complication. 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.) The course provides intense development of communicative and cultural competence and requires near-exclusive use of Spanish in class in preparation for AP Spanish Language and Culture class.

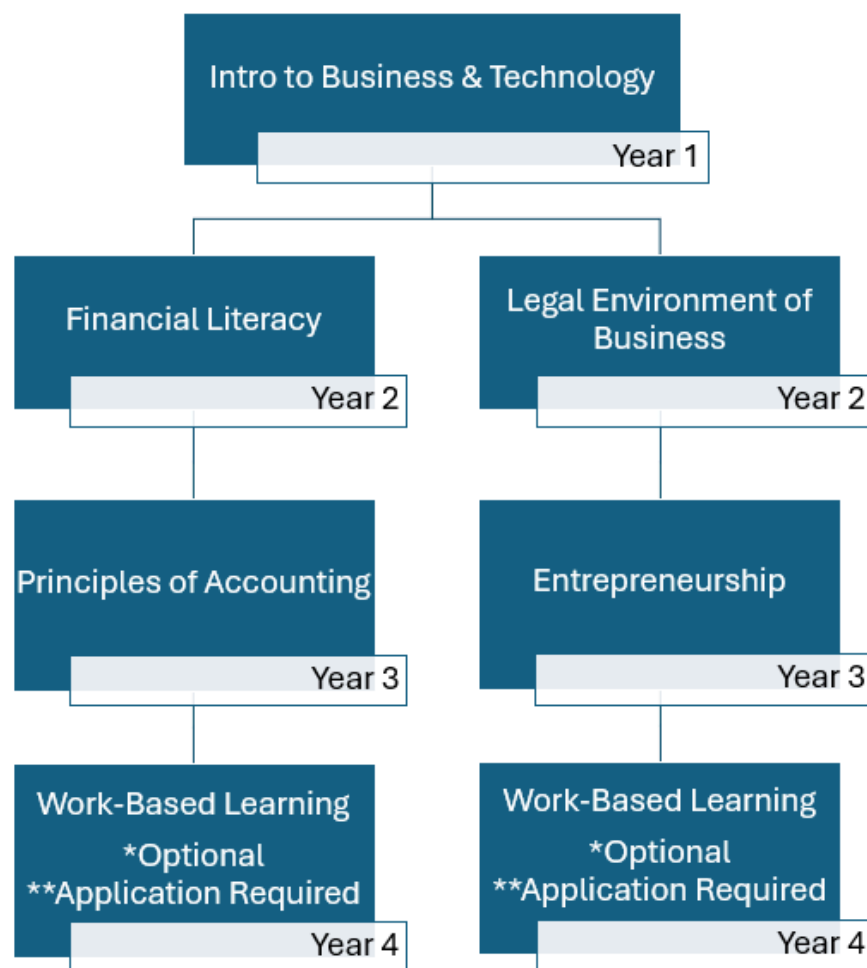
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
AP Spanish Language and Culture	60.0770001 fall  60.0770002 spring	Y	11-12	Teacher Rec; Spanish IV Honors with an average > 85 (not weighted) OR Spanish 3 Honors with S1 average > 90 (not weighted)	This college-level course provides 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.
AP Spanish Literature	60.0811001 fall  60.0811002 spring	Y	12	Teacher Rec OR AP Spanish Language & Culture with S1 average > 85 (not weighted) OR a placement exam	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 Márquez, 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.



# Career, Technical and Agricultural Education

## Accounting & Entrepreneurship Pathways

Students have two paths to choose between and must take the courses in sequence. In some rare cases (teacher approved and communicated with you), they can double up senior year.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Intro to Business and Technology	07.4413001 fall 07.4413002 spring	Y	9 - 12	None	The course provides an overview of business and technology skills required for today's business environment. Knowledge of business principles, the impact of financial decisions, and technology proficiencies demanded by business combine to establish the elements of this course. Emphasis is placed on developing proficient fundamental computer skills required for all career pathways. Students will learn essentials for working in a business environment, managing a business, and owning a business. The intention of this course is to prepare students to be successful both personally and professionally in an information-based society.

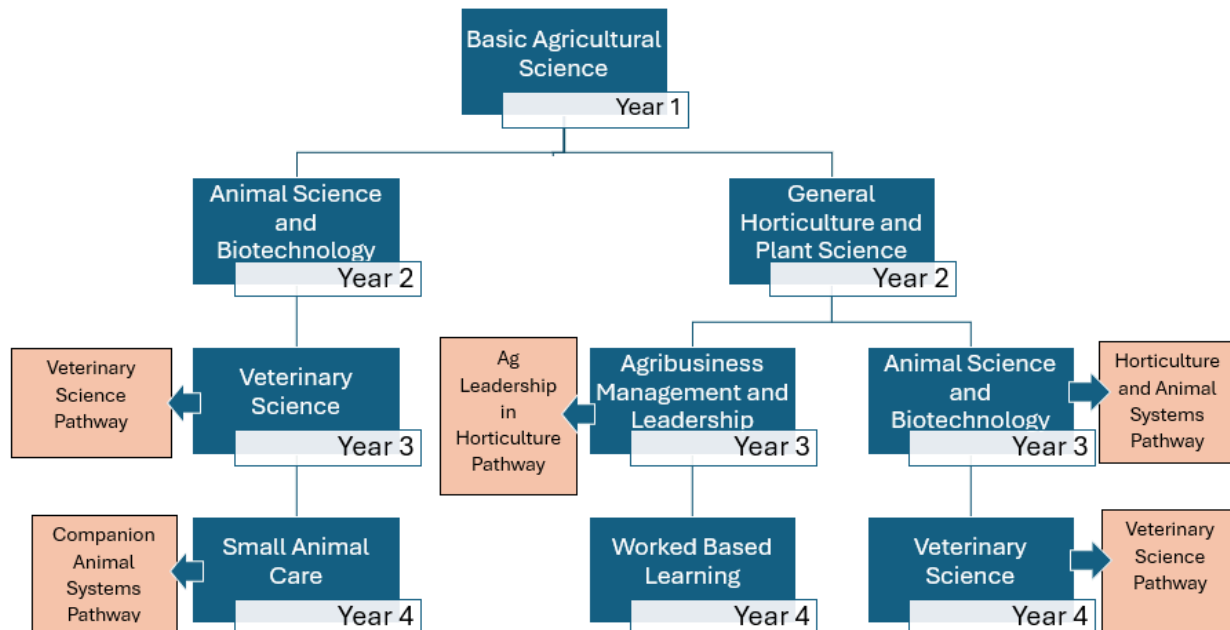
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Financial Literacy</b>	07.4260001 fall 07.4260002 spring	Y	10-12	Intro to Business and Tech	How money smart are you? Step into this course specifically designed for high school students to understand the importance of the financial 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.
<b>Legal Environment of Business</b>	06.4150001 fall 06.4150002 spring	Y	10-12	Intro to Business and Tech	This course addresses statutes and regulations affecting businesses, families, and individuals. All students will benefit with the knowledge of business law as they will eventually assume roles as citizens, workers, and consumers in their communities and in society at large. Get an overview of business law while concentrating on the legal aspects of business ownership and management. Legal issues addressed include court procedures, contracts, torts, consumer law, employment law, environmental law, international law, ethics, and the role of the government in business.
<b>Principles of Accounting</b>	07.4110001 fall 07.4110002 spring	Y	11-12	Financial Literacy	This is 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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Entrepreneurship	06.4161001 fall  06.4161002 spring	Y	11-12	Legal Environ of Business	Want to own and manage your own business? If so, this course is for you! Build on the theories learned in Intro to Business & Legal Environment of Business by learning through practical application scenarios. You will study market research, funding, location, marketing plan, management, accounting, business ethics, culture, day-to-day operations, characteristics of an entrepreneur, and create a business plan. You will also help manage and operate the Paw Prints shop.
Work-Based Learning	Various course numbers	Y	11-12	Application & Teacher Approval	Work-Based Learning placements represent the pinnacle of the Career-Related Education experience. To qualify for a WBL placement, a student must be in grades 11 or 12. Students must also have a defined Career Pathway in order to participate in a Work-Based Learning placement. There are several opportunities for students to participate in work-based learning. These opportunities include employability skill development, Cooperative Education, Internship, Youth Apprenticeship, and Great Promise Partnership.

# Career, Technical and Agricultural Education

## Agriscience & Veterinary Pathways

Students have two paths to choose between and must take the courses in sequence. In some rare cases (teacher approved and communicated with you), they can double up senior year.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Basic Agricultural Science	02.471001 fall 02.471002 spring	Y	9 - 12	None	This course is designed as the foundational course for Ag Pathways. The course comprises the three circle model of Ag Education: class and laboratory instruction, supervised agricultural experiences (SAEs), and FFA. The course introduces students to the major areas of agricultural production and research; presents problem solving lessons and introductory skills within each sector of the ag industry and explores ag related technologies.

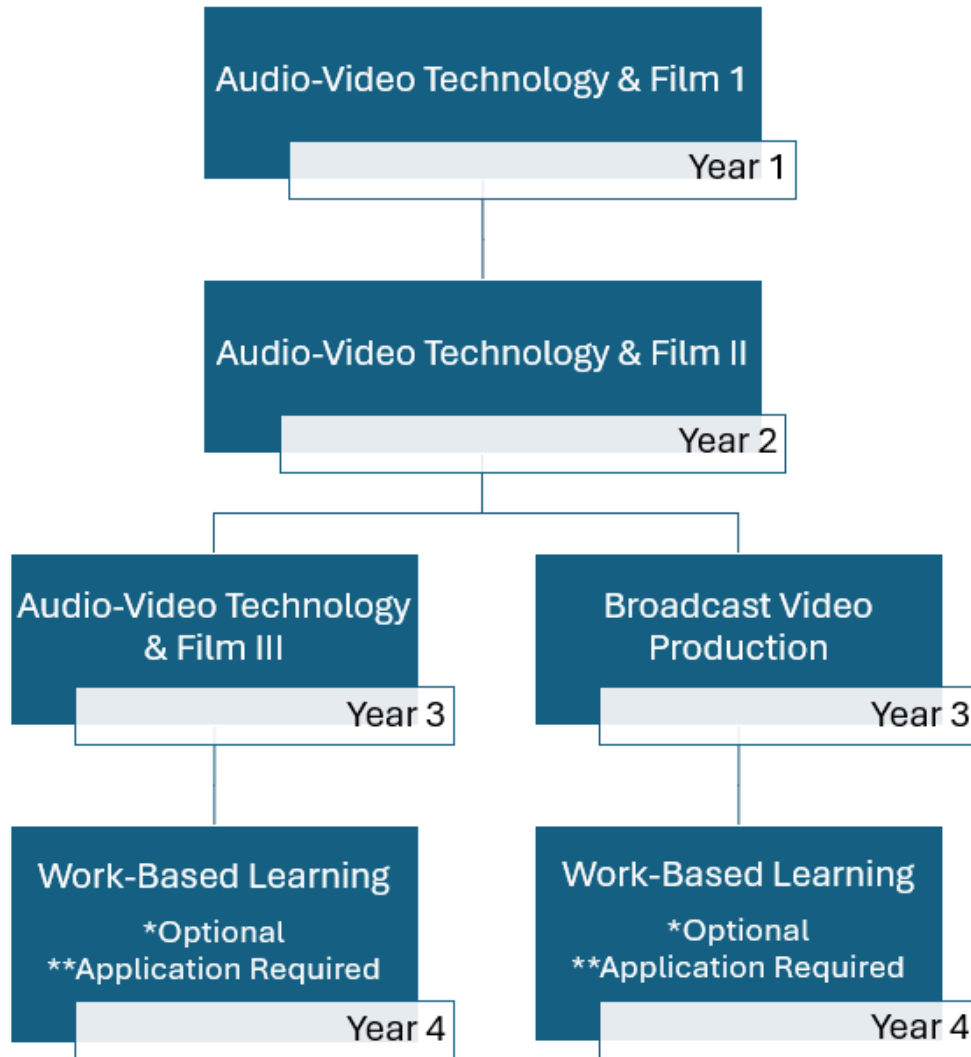
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Animal Science Technology Biotech</b>  *Course meets 4th science credit requirement	02.4210001 fall  02.4210002 spring	Y	9-12	Basic Ag Science	This course is designed to introduce students to the scientific principles of the breeding and husbandry of agricultural animals, and the production, processing, and distribution of agricultural animal products. Through this course, students gain insight into the industries that get livestock from farm to fork to become more informed consumers when purchasing animal products and by-products. Through interaction with livestock, students leave this course with knowledge and skills related to raising and handling agricultural animals.
<b>Veterinary Science</b>	02.4240001 fall  02.4240002 spring	Y	10-12	Animal Science Tech Biotech	The agricultural education course in veterinary science covers the basics of animal care. Topics covered include disease, parasites, nutrition, behavior, grooming, and general animal care. Skills covered include injections, suturing, restraints, and basic veterinary laboratory procedures. 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. Students will utilize the skills learned in this course by operating a doggie daycare program.
<b>Small Animal Care and Management</b>	02.4230001 fall  02.4230002 spring	Y	11-12	Vet Science	The goal of this course is designed to provide students with skills and concepts involved with the care and management of companion animals. Students in this course will gain hands-on experiences of small animal management through the care of the program's animals. Students will practice industry-standard grooming in partnership with the Veterinary Science doggie daycare program.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>General Horticulture and Plant Science</b>  *Course meets 4th science credit requirement	01.4610001 fall  01.4610002 spring	Y	9-12	Basic Ag Science	The course introduces students to the major concepts of plant and horticulture science. Students will explore careers in Georgia's green industry from landscape design, greenhouse nursery management, floral design, turfgrass, orchards, small scale farming, and vegetable/cut flower production. Students will gain hands-on industry practices of the cultivation of ornamental, edible, and medicinal plants through hands-on project based instruction.
<b>Agribusiness &amp; Leadership</b>	01.4120001 fall  01.4120002 spring	Y	10-12	General Hort & Plant Science	Students in this course will learn agribusiness types, business management, financial analysis, communications, agricultural law, leadership and teamwork, ethics, and personal finance. Students in this course will operate a weekly fresh produce subscription service where they will develop and operate all components of an LLC business. Students will be responsible for developing business plans, running social media, operating a website, and selling as vendors at local markets.
<b>Agribusiness WBL</b>	Various Course Numbers	Y	11-12	WBL Application & Teacher Approval	Students in this work based learning would intern at the operational suburban farm on campus. Students who are in their final year and have or are currently completing at least one pathway could take this course. Students would apply their skills learned from a completed pathway in animal and/or plant production to manage daily operations of the school farm for events and local markets.

# Career, Technical and Agricultural Education

## Audio-Video Technology & Film Pathways

Students have two paths to choose between and must take the courses in sequence. In some rare cases (teacher approved and communicated with you), they can double up senior year.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Audio-Video Technology & Film I	10.5181001 fall 10.5181002 spring	Y	9 - 12	None	Terminology, safety, basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.

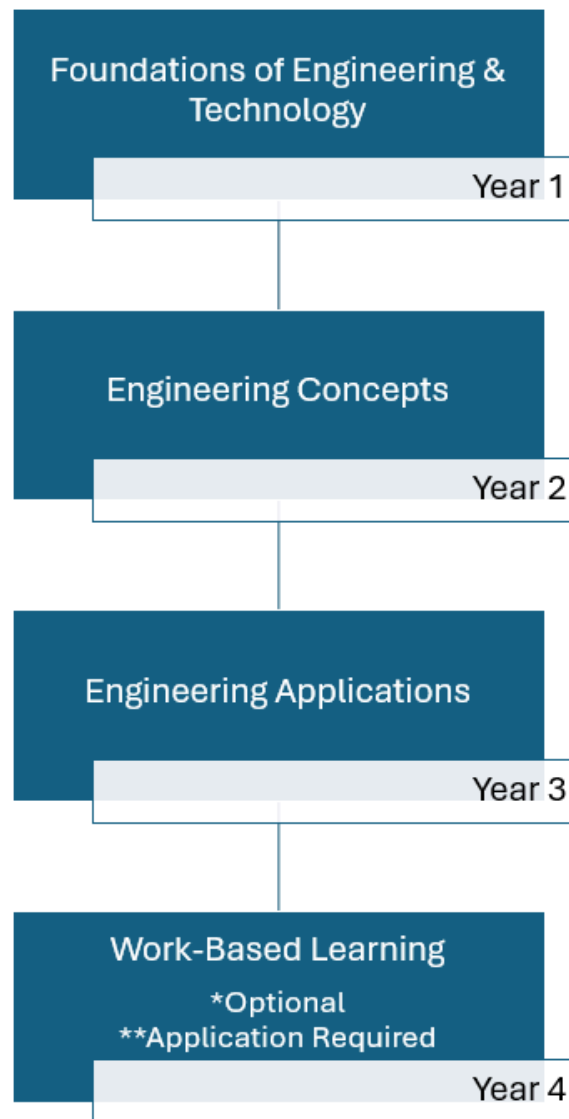


Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Audio-Video Technology & Film II	10.5191001 fall 10.5191002 spring	Y	10-12	Audio-Video Tech & Film I	Topics in video editing; multiple camera video production; topics in film style and lighting; career exploration; corporate video techniques; writing, editing and directing a variety of studio productions.
Audio-Video Technology & Film III	10.5201001 fall 10.5201002 spring	Y	11-12	Audio-Video Tech & Film II	Students in AVTF III will take concepts learned in previous classes and journalism to produce news packages. These packages will be published as part of the school news program the Bridge, social media sites and the school news website. Packages will be entered into local, state and national competitions. Students may take this in addition to BVP if their schedules permit.
Broadcast Video Production Applications	10.5141001 fall 10.5141002 spring	Y	11-12	Audio-Video Tech & Film II	Students will take concepts learned in previous classes to create short films and other long style projects. These projects will be created as large group production. Each student will serve as a team member playing a very specific role. Projects from this class will be entered into local, state and national film festivals. Students may take this in addition to AVTF III if their schedules permit.
Work-Based Learning	Various course numbers	Y	11-12	Application & Teacher Approval	Work-Based Learning placements represent the pinnacle of the Career-Related Education experience. To qualify for a WBL placement, a student must be in grades 11 or 12. Students must also have a defined Career Pathway in order to participate in a Work-Based Learning placement. There are several opportunities for students to participate in work-based learning. These opportunities include employability skill development, Cooperative Education, Internship, Youth Apprenticeship, and Great Promise Partnership.

# Career, Technology and Agriculture Education

## Engineering Pathway

Students have one path available for Engineering and must take the courses in sequence.



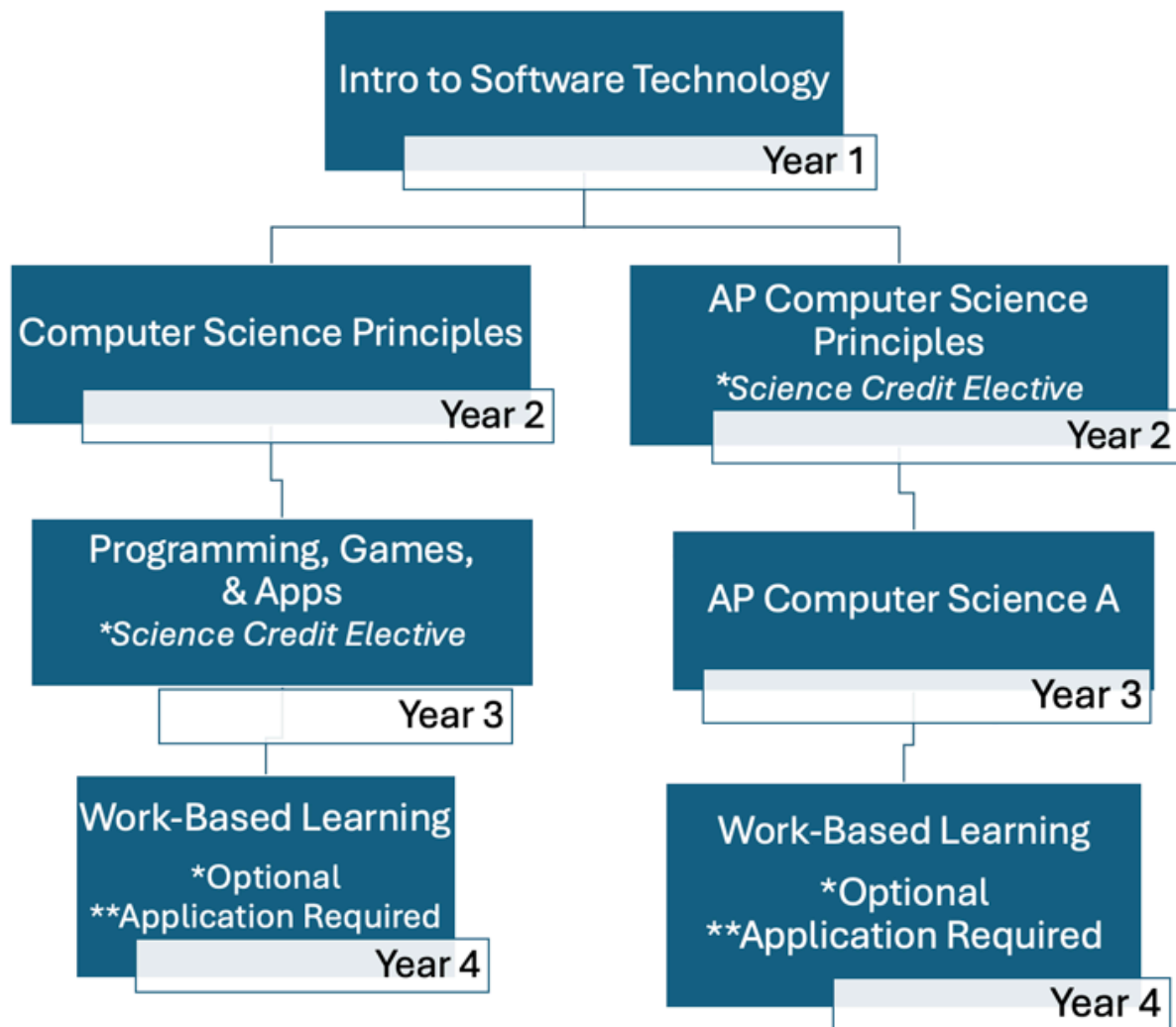
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Foundations of Engineering Technology	21.4250001 fall 21.4250002 spring	Y	9 - 12	None	Safety and Hand Tool Identification, Machine Safety and Usage, Intro to Amatrrol Online Training, Intro to CAD Fundamentals (Onshape), Intro to Adobe Illustrator, Adobe Express and CC, Intro to vexcode VR Robotics, VEX Cortex and V5 Robotics, Engineering and Design Thinking Processes. Practical applications of wood machining and tool use for those who qualify.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Engineering Concepts	21.4710001 fall 21.4710002 spring	Y	9-12	Foundations of Engineering Tech	Safety and higher-level machine and power tool use, Advanced CAD (SolidWorks), Design Thinking Processes, and Introduction to Master Projects for 2nd Semester.
Engineering Applications	21.4720001 fall 21.4720002 spring	Y	11-12	Engineering Concepts	Safety and high-level machine and power tool use, SolidWorks CAD CSWA Certification, High-Level Master Projects, brand new SwitchLab Electric Vehicle curriculum implementation, and complete the Engineering End of Pathway Exam. ***Welding/Plasma only taught to students participating in TSA Competitions.
Work-Based Learning	Various course numbers	Y	11-12	Application & Teacher Approval	Work-Based Learning placements represent the pinnacle of the Career-Related Education experience. To qualify for a WBL placement, a student must be in grades 11 or 12. Students must also have a defined Career Pathway in order to participate in a Work-Based Learning placement. There are several opportunities for students to participate in work-based learning. These opportunities include employability skill development, Cooperative Education, Internship, Youth Apprenticeship, and Great Promise Partnership.

# Career, Technology and Agriculture Education

## Information Technology Pathway

Students have two paths to choose between and must take the courses in sequence. In some rare cases (teacher approved and communicated with you), they can double up senior year.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Introduction to Software Technology	10.4460001 (fall)	Y	9 - 12	None	This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.
	10.4460002 (spring)				

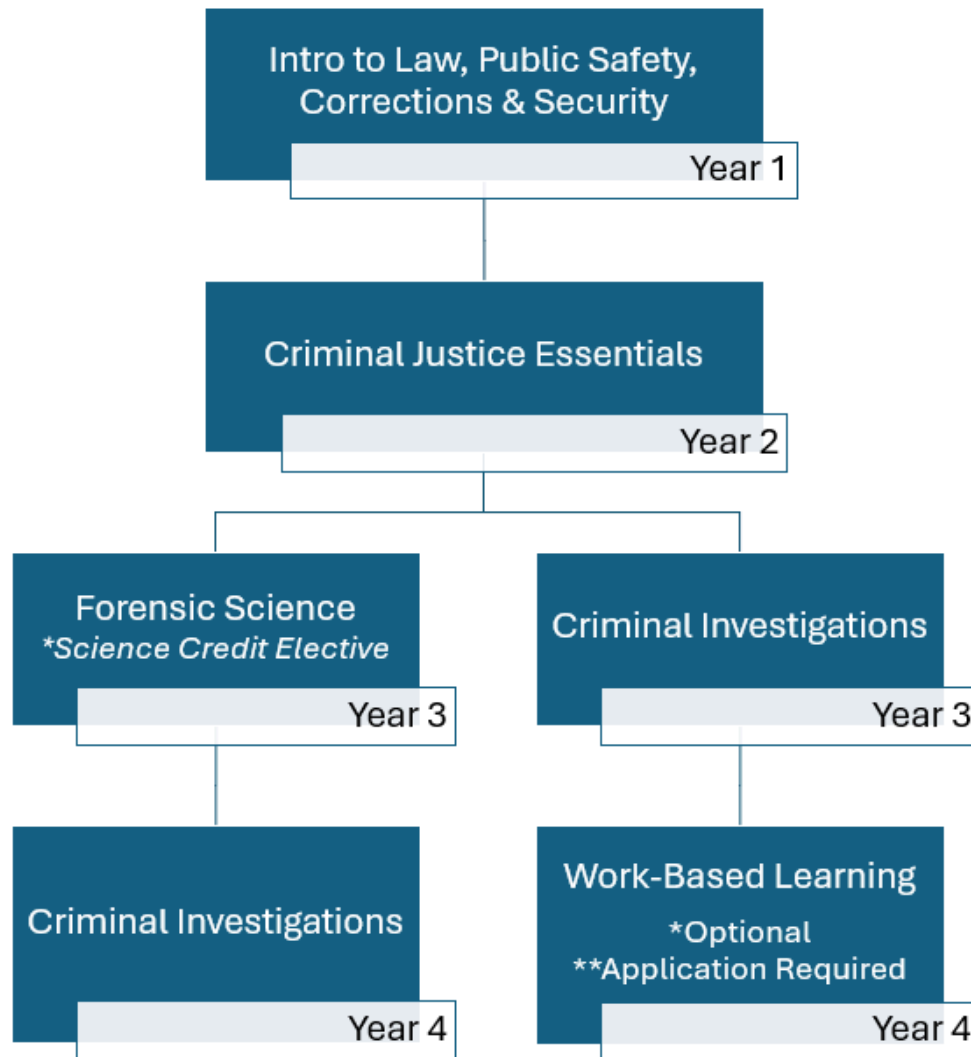
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Computer Science Principles</b>	11.4710001 (fall) 11.4710002 (spring)	Y	9 - 12	Intro to Software Tech	How can computing change the world? Demonstrate and build your problem-solving ability all while connecting the relevance of computer science to society! Computer Science (CS) Principles is an engaging course that is focused on connecting computing, developing computational artifacts, abstracting, analyzing problems and artifacts, communicating, and collaborating.
<b>AP Computer Science Principles</b>  *Meets 4th science, or 4th math, or world lang. requirement; Two comp sci courses from the same pathway will satisfy 2 years of sequenced world lang. courses.	11.0190001 fall 11.0190002 spring	Y	10-12	Intro to Software Tech	<p>This course 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 is 3-D animation, engineering, music, app development, medicine, visual, 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 imperative for today's students and the workforce of tomorrow.</p> <p>AP Computer Science Principles is designed 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.</p>
<b>Programming, Games, Apps/Society Game Design</b>  *Meets 4th science, or 4th math, or world lang. requirement; Two comp sci courses from the same pathway will satisfy 2 years of sequenced world lang. courses.	11.4720001 fall 11.4720002 spring	Y	11-12	AP Comp Science Principles	<p>Are you ready to design and develop? 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.</p> <p>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.</p>

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>AP Computer Science A</b>  *Meets 4th science, or 4th math, or world lang. requirement; Two comp sci courses from the same pathway will satisfy 2 years of sequenced world lang. courses.	11.0160001 (fall)  11.0160002 (spring)	Y	11-12	AP Comp Science Principles	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 and Pre-Calculus (preferred).
<b>Work-Based Learning</b>	Various Course Numbers	Y	11-12	Application & Teacher Approval	Work-Based Learning placements represent the pinnacle of the Career-Related Education experience. To qualify for a WBL placement, a student must be in grades 11 or 12. Students must also have a defined Career Pathway in order to participate in a Work-Based Learning placement. There are several opportunities for students to participate in work-based learning. These opportunities include employability skill development, Cooperative Education, Internship, Youth Apprenticeship, and Great Promise Partnership.

# Career, Technology and Agriculture Education

## Law Enforcement Services Pathways

Students have two paths to choose between and must take the courses in sequence. In some rare cases (teacher approved and communicated with you), they can double up senior year.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Introduction to Law, Public Safety, Corrections, & Security (LPSCS)	43.4500001 fall 43.4500002 spring	Y	9 - 12	None	This course provides students with career-focused educational opportunities in 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.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Criminal Justice Essentials</b>	43.4510001 fall  43.4510002 spring	Y	10-12	Intro to Law	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.
<b>Forensic Science</b>  *Course meets 4th science credit requirement	43.4520001 fall  43.4520002 spring	Y	11-12	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 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.
<b>Criminal Investigation</b>	43.4530001 fall  43.4530001 spring	Y	12	Forensic Science	This course is designed to provide students with an opportunity to explore the basic processes and principles of a criminal investigation. This course is an analytical examination of crime detection and solution, including such topics as crime scene procedures, physical evidence, interviews, field notes and reporting, follow-up investigation, interrogation, and rules of evidence. Specific detail is given to investigations involving homicide, sex-related offenses, and crimes against children, robbery, larceny, vehicle thefts, computer crime, environmental crime, arson, and drug abuse. Additionally, many areas of specialized crimes will be discussed and reviewed. This course will involve projects, where groups will work to develop and investigate various crime scenarios. There is an in-depth analysis of investigation methodologies addressing inductive and deductive reasoning to assess the decision-making process to solve crimes.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Law & Justice WBL	Various Course Numbers	Y	11-12	Application & Teacher Approval	Work-Based Learning placements represent the pinnacle of the Career-Related Education experience. To qualify for a WBL placement, a student must be in grades 11 or 12. Students must also have a defined Career Pathway in order to participate in a Work-Based Learning placement. There are several opportunities for students to participate in work-based learning. These opportunities include employability skill development, Cooperative Education, Internship, Youth Apprenticeship, and Great Promise Partnership.

# Career, Technology and Agricultural Education

## Marketing Pathway

Students have one path available for Marketing and must take the courses in sequence.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Marketing Principles	08.4740001 fall 08.4740002 spring	Y	9-12	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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Intro to Sports &amp; Entertain. Marketing</b>	08.4780001 fall  08.4780002 spring	Y	9-12	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.
<b>Advanced Sports &amp; Entertain. Marketing</b>	08.4850001 fall  08.4850002 spring	Y	10-12	Intro to Sports & Entertain 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.
<b>Work-Based Learning</b>	Various Course Numbers	Y	11-12	Application & Teacher Approval	Work-Based Learning placements represent the pinnacle of the Career-Related Education experience. To qualify for a WBL placement, a student must be in grades 11 or 12. Students must also have a defined Career Pathway in order to participate in a Work-Based Learning placement. There are several opportunities for students to participate in work-based learning. These opportunities include employability skill development, Cooperative Education, Internship, Youth Apprenticeship, and Great Promise Partnership.

# Performing Arts

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Intermediate Band	53.0371001 fall	Y	9-12	One year of middle school instruction on chosen instrument	Specific band classes (Concert, Symphonic, Wind Ensemble) will be determined based on student interest and proficiency, following auditions in the spring. After auditions, students will be placed in the appropriate class.
	17.0110002 spring				
Beginning Orchestra	53.0561001 fall	Y	9-12	One year of middle school instruction on chosen instrument.	Specific orchestra classes (Symphonic, Philharmonic, and Chamber) will be determined based on student interest and proficiency, following auditions in the spring. After auditions, students will be placed in the appropriate class.
	53.0561002 spring				
Beginning Chorus	54.0211001 fall	Y	9-12	None	Specific chorus classes (Men's Chorus, Intermediate Women's Chorus, Mastery Women's Chorus) will be determined based on student interest and proficiency, following auditions in the spring.
	54.0211001 spring				
Beginning Guitar	53.0841000	S	9-12	None	This introductory half-year course is for students with little to no musical experience. Topics will include basic chords and tablature reading on acoustic guitars applied to a wide variety of styles. Students will also gain experience with basic music theory and songwriting.
Advanced Guitar 1	53.0861001 fall	Y	9-12	Audition	This full-year course covers intermediate to advanced guitar techniques with an emphasis on popular music styles, including barre chords, scales, soloing, and improvisation.  Audition is required – email <a href="mailto:justicee@fultonschools.org">justicee@fultonschools.org</a> before March 15th to schedule an audition.
	53.0861002 spring				

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Percussion	53.0761001 fall 53.0761002 spring	Y	9-12	Teacher Rec	Students are taught percussion fundamentals including hand technique, mallet technique, rhythm training, ear training, and reading. Previous percussion experience is not a prerequisite to take the class, but students not currently enrolled in a concert band ensemble must schedule an interview with the instructor at <a href="mailto:scottd2@fultonschools.org">scottd2@fultonschools.org</a> by March 15th .
Advanced Jazz Lab Band	53.0661001 fall 53.0661002 spring	Y	9-12	Teacher Rec	Offers opportunities for advanced-level performers to increase performance skills and knowledge on instruments in a jazz idiom. Covers performance and production, analysis and theoretical studies, historical and cultural contributions and influences, creative aspects of music (especially improvisation and composition), and appreciation of music. Audition is required – please contact <a href="mailto:scottd2@fultonschools.org">scottd2@fultonschools.org</a> to schedule before March 15th.
AP Music Theory	53.0230001 fall 53.0230002 spring	Y	11-12	Teacher Rec	<p>This rigorous course examines Western Classical harmonic structure of the 17th and 18th centuries through sight-singing, ear training, score study, composition, and rhythmic and melodic dictation. This course encompasses about two semesters of a college-level introductory Music Theory course.</p> <p>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.</p>
Acting 1	52.0610001 fall 56.0610002 spring	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, teamwork, 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.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Acting 2</b> <b>Acting 3</b> <b>Acting 4</b>	Acting 2: 52.0620001 fall 52.0620002 spring  Acting 3: 52.0630001 fall 52.0630002 spring  Acting 4: 52.0640001 fall 52.0640002 spring	Y	9-12	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 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 to broaden the range of possibilities for future performance. Students will perform in one class production.
<b>Advanced Drama 1-4</b>	Ad Drama 1: 52.0510001 fall 52.0510002 spring  Ad Drama 2: 52.0520001 fall 52.0520002 spring  Ad Drama 3: 52.0523001 fall 52.0523002 spring  Ad Drama 4: 52.0524001 fall 52.0524002 spring	Y	9-12	Audition	Placement in Advanced Drama is by audition only with Mr. Kelley. Auditions will be held in the spring for the next school year. All students are required to prepare a 1 – 2- minute monologue (9th 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. Students who decide to pursue Advanced Drama as a course selection are expected to audition and participate in every Bridge Ensemble Theatre Production at Cambridge High School in some facet, be it onstage, backstage, or front of house.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Technical Theater 1-4	Tech Th. 1: 52.0410001 fall 52.0410002 spring	Y	9-12	None	Technical Theatre is a study of the artistic, technical, managerial, and financial elements of a dramatic production. While students in technical theatre are strongly encouraged to participate in the production-process after-school, as part of the on-going success of the production, it is not a requirement to participate in technical theatre class.
	Tech Th. 2: 52.0420001 fall 52.0420001 spring				
	Tech Th. 3: 52.0430001 fall 52.0430002 spring				
	Tech Th. 4: 52.0440001 fall 52.044000 spring				
Musical Theater 1-4	Mus. Th. 1: 52.0310001 fall 53.0310002 spring	Y	9-12	None	Introduces the style and characteristic elements of musical theater. Explores the mechanics of production, staging, voice, and dance. Explores the career opportunities available in musical theatre and offers opportunity for performance. Students who decide to pursue Musical Theater as a course selection are expected to audition and participate in the annual musical in some facet, be it onstage, backstage, or front of house.
	Mus. Th. 2: 52.0320001 fall 53.0320002 spring				
	Mus. Th. 3: 52.0330001 fall 53.0330002 spring				
	Mus. Th. 4: 52.0340001 fall 53.0340002 spring				

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Dramatic Writing</b>  Film, Television, and Theater	52.0920011 fall  52.0920012 spring	Y	12	None	<p>Applies skills to culminate in creating and developing dramatic writing for theatrical media with special emphasis on film and television. Includes development of “writerly stance” by reading, viewing, and analyzing texts and visual media from a writer’s point of view, with focus on understanding the construction process and including the application of conventions of standard English grammar and usage.</p> <p>NOTE: Course meets fourth English Language Arts requirement. Students who earn 1 unit of credit for this course may also receive 1 unit of credit for Advanced Composition Honors.</p>

# Visual Arts

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
<b>Introduction to Art</b>  *Prerequisite for ALL other visual arts 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.
<b>Ceramics 1</b>	50.0411001	S	9-12	Introduction to Art	An introductory course in ceramics covering the three basic methods of hand building. Students will produce ceramic artwork using pinch, slab, and coil techniques. Students will learn the basic vocabulary of ceramics as well as methods of surface treatment, firing, and other related aspects. Ceramic history, aesthetics, and art criticism will be incorporated throughout the course
<b>Ceramics 2</b>	50.0412001	S	9-12	Ceramics 1	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.
<b>Graphics Design 1</b>	50.0721001	S	9-12	Intro to Art	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. .

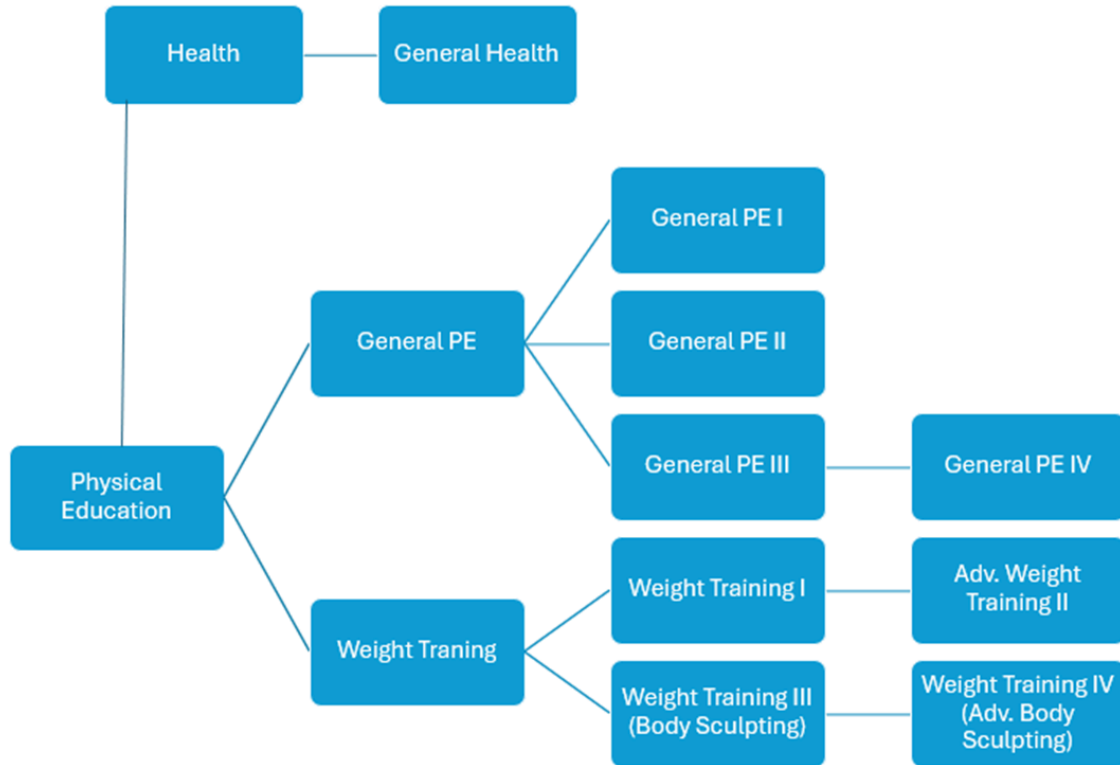
Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Graphics Design 2	50.0722001	S	9-12	Graphics Design 1	Expands on students' software knowledge and design principles from Graphic Design 1 to learn additional Creative Suite Software and apply this knowledge into real-world based 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.
Drawing 1	50.0311001	S	9-12	Intro to Art	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	50.0312001	S	9-12	Drawing 1	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.
Painting 1	50.0321001	S	9-12	Intro to Art	Establishes fundamental acrylic 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 to prepare them for other 2-D courses that rely on drawing and painting skills.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Painting 2	50.0322001	S	9-12	Painting 1	Painting 2 students expand on painting skills and learn watercolor and oil media. They also 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 painting courses to inform their aesthetic decision making.
Photography 1	50.0711001	S	9-12	Intro to Art	An introduction to black and white photography and darkroom processing. Students will construct their own pinhole camera and create a photographic portfolio as they learn the technical and artistic aspects of photography. A brief introduction to digital photography will be included. Photo history, critiques of photos, aesthetics and design will be addressed throughout the semester.
Photography 2	50.0712001	S	9-12	Photo 1	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.
Sculpture 1	50.0611001	S	9-12	Intro to Art	Sculpture 1 introduces students to the production of three-dimensional art making including additive and subtractive techniques. Sculpture's influence on the environment will be examined, as well as the investigation into a variety of media. Students are expected to make connections as they explore meaning, develop creative thinking skills, search for contextual understanding resulting in authentic assessment and reflection.
Sculpture 2	50.0612001	S	9-12	Sculpture 2	Offers in-depth study of the production of three-dimensional art making including additive, subtractive, casting and modeling processes while investigating environment through a variety of media. Students are expected to make connections as they explore meaning, develop creative thinking skills, search for contextual understanding resulting in authentic assessment and reflection.

Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Printmaking 1	50.0511001	S	9-12	Intro to Art	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 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.
Printmaking 2	50.0512001 fall	S	9-12	Printmaking 1	Continues building the student knowledge of the image-making process. Students develop understanding of monotype, collagraph, advanced relief, and alternative processes to add to their portfolios.
AP Art Drawing	50.0811001- fall 50.0811002 spring	Y	11-12	Portfolio Review and Teacher Rec	This course is highly individualized to student voice. Each student must participate in a portfolio review with Mrs. Hudson prior to placement. It is recommended that a student has taken at least a year of visual arts classes at Cambridge, but some students are eligible without prerequisite coursework due to strength of personal portfolio. There is no required media to be successful in the course, but students will make college-level artworks based on personal investigation of concepts. The portfolio created in this year results in a culminating portfolio submission for AP exam scoring.
AP 2D Design	50.0813001 fall 50.0813002 spring				
AP 3D Design	50.0814001 fall 50.0814002 spring				
AP Art History	50.0921001 fall 50.0921002 spring	Y	10-12	Teacher Rec	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 College Board AP Art History Course Description.

# Health and Physical Fitness

\*Health and PE are required for graduation



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
General Health	17.0110001	S	9-12	None	Wellness concepts, human sexuality, State ADAP requirements, CPR training, first aid procedures, safety practices, and responsibility for health decisions
Weight Training 1	36.0540001 fall 36.0540002 spring	S	9-12	None	Individual weight training program to develop muscle tone, body composition, and fitness goals.
Advanced Weight Training 2	36.0640001 fall 36.0640002 spring	S	10-12	Weight Training 1	Individual weight training program to develop muscle tone, body composition, and fitness goals.



Course	Course Number	Term	Grade (s)	Prerequisite (s)	Course Description
Advanced Weight Training 3 Body Sculpting	36.0560001 fall	S	11-12	Adv. Weight Training 2	Individual weight training program to develop muscle tone, body composition, and fitness goals.
	36.0560002 spring				
Advanced Weight Training 4 Adv. Body Sculpting	36.0660001 fall	S	12	Weight Training 3 Body Sculpting	Individual weight training program to develop muscle tone, body composition, and fitness goals.
	36.0660002 spring				
General PE 1	36.0110001 fall	.S	9-12	None	Learn the foundational skills, understanding of rules and strategy, and competing in general physical activity games and sports
	36.0110002 spring				
General PE 2	36.0120001 fall	S	10-12	General PE 1	Learn the foundational skills, understanding of rules and strategy, and competing in general physical activity games and sports
	36.0120002 spring				
General PE 3	36.0130001 fall	S	11-12	General PE 2	Learn the foundational skills, understanding of rules and strategy, and competing in general physical activity games and sports
	36.0130002 spring				
General PE 4	36.0140001 fall	S	12	General PE 3	Learn the foundational skills, understanding of rules and strategy, and competing in general physical activity games and sports
	36.0140002 spring				