



2024-2025

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SOUTH GWINNETT  
HIGH SCHOOL

Course Catalog

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## Overview

South Gwinnett High School has prepared this document to provide brief descriptions of the courses offered. Students and parents should review these courses, along with the Gwinnett County Public School's graduation requirements and the admission requirements set forth by your student's college and/or career interests. All students must complete an Academy pathway of elective courses based on their long-term occupational goals. This document includes the pathways that are available at South Gwinnett High School. Students will automatically be placed in their assigned pathway electives based on their pathway choice.

Many colleges and universities are highly selective in their admissions. South Gwinnett High School students are encouraged to select a rigorous course of study and enroll in higher level courses as much as possible. Although school counselors are available for academic advising, students and their parents are responsible for making certain that the student's academic plan meets the requirements of both the intended diploma and post-secondary plan. A rigorous senior high school career of study is an expectation of many colleges and employers. SGHS seniors are encouraged to select challenging courses and to consider advanced placement and dual enrollment credit options. Additionally, at least two units of the same Modern or Classical Language are required for admission to University System of Georgia schools. Students should also consider courses which can lead to industry certification and employment.

South Gwinnett High School makes every effort to ensure that this information is informative and accurate. However, new statutes and regulations may impact, negate, or change the implementation of the programs and/or courses described.

## Guidelines for Course Registration

The priority in course scheduling is to make certain that all students receive the strongest academic preparation possible. Students must make an alternate course selection for each elective course. Students and parents should exercise good judgment in selecting alternates, for these will replace any selected elective courses without further consultation with students or parents.

Placement in classes will be determined by grades, test scores, and teacher recommendations. Students should not register for courses for which they are not prepared. It is very important to understand that each course begins at an expected level of student ability and performance. Students and parents are reminded that once school begins a change in course level may be impossible due to the lack of space in the course(s) to which they wish to move or limitations in rearranging other courses in the student's schedule. In such cases, the student is required to remain in the course originally chosen.

## Availability of Courses

Decisions on whether courses can be offered are dependent on student enrollment and teacher staffing. South Gwinnett High School reserves the right to cancel or eliminate courses for any given school year. If the administration decides to cancel a course due to low student enrollment or lack of teachers, the student's alternate choices will be used. If those courses are already within the student's schedule or not available, an administrator or counselor will make the course choice.

## Elective Choices by Grade Level

<b>9th Grade Electives</b>	
<b>Course</b>	<b>Course Number</b>
Beginning Band I	53.0361001/2
Beginning Jazz Band	53.0641001/2
Beginning Instrument Ensemble I (Percussion)	53.0741001/2
Beginning Men's Chorus I	54.0271001/2
Beginning Women's Chorus I	54.0241001/2
Beginning Piano I	53.0941001/2
Modern Dance I	51.0410001/2
Theatre Fundamental I S1/S2	52.0210001/ 520220001
Beginning Orchestra I	53.0561001/2
Visual Art Comp I (2D) S1 /S2	50.0211001 / 50.0212001
French I	60.0110001/2
French I - Honors	60.0110041/2
Spanish I	60.0710001/2
Spanish I - Honors	60.0710041/2
Spanish I - Gifted	60.2710001/2
AP Human Geography	45.0770011/2
AP Human Geography Gifted	45.2770011/2
JROTC I	28.0310001/2
<b>9th grade students must enroll in least 1 of the 3 electives from the list below.</b>	
Marketing Principles (3DE)	08.4740001/2
Intro to Business Technology (STAR)	07.4413001/2
Intro to Software Technology (STAR)	11.44600

## 10th Grade Electives

Course	Course Number
Beginning Band I	53.0361001/2
Beginning Jazz Band	53.0641001/2
Beginning Instrument Ensemble I (Percussion)	53.0741001/2
Beginning Men's Chorus I	54.0271001/2
Beginning Women's Chorus I	54.0241001/2
Beginning Orchestra I	53.0561001/2
Beginning Piano I	53.0941001/2
Food Nutrition and Wellness	20.4161001/2
French I	60.0110001/2
French I - Honors	60.0110041/2
French I - Gifted	60.211001/2
Intro Recreational Games	36.0270001/2
Introductory Team Sports	36.0210001/2
Journalism I (Voices of South Magazine) <i>Advisor Approval Required</i>	23.0320001/2
Journalism III (Yearbook)	23.0350001/2
JROTC I	28.0310001/2
Law/Contemporary Issues S1/ S2	45.0560001/45.0120001
Modern Dance I	51.0410001/2
Psychology/Sociology S1/S2	45.0150001/45.0310001
Spanish I	60.0710001/2
Spanish I - Honors	60.0710041/2
Spanish I - Gifted	60.2710001/2
Speech Forensics (Intro to Debate)	23.0460001/2
Theatre Fundamental I S1/S2	52.0210001/ 52.0220001
Visual Art Comp I (2D) S1/S2	50.0211001 / 50.0212001
Weight Training	36.0540001/2

## 11th Grade Electives

11th Grade Electives	
Course	Course Number
AP African American Studies	
AP Psychology	45.0160011/2
Beginning Band I	53.0361001/2
Beginning Jazz Band	53.0641001/2
Beginning Instrument Ensemble I (Percussion)	53.0741001/2
Beginning Men's Chorus I	54.0271001/2
Beginning Women's Chorus I	54.0241001/2
Beginning Orchestra I	53.0561001/2
Beginning Piano I	53.0941001/2
Ethnic Studies/Controversial Issues	45.0320001/45.0120001
Examining the Teaching Profession	13.0110001/2
Financial Literacy	07.4260001/2
Food Nutrition and Wellness	20.4161001/2
French I	60.0110001/2
French I - Honors	60.0110041/2
French I - Gifted	60.211001/2
Intermediate Team Sports	36.0310001/2
Intro Recreational Games	36.0270001/2
Introductory Team Sports	36.0210001/2
Journalism I (Voices of South) <i>Advisor Approval Required</i>	23.0320001/2
Journalism III (Yearbook)	23.0350001/2
Law/Contemporary Issues S1/ S2	45.0560001/45.0120001
Modern Dance I	51.0410001/2
Peer Leader <i>Advisor Approval Required</i>	45.0590001/2
Psychology/Sociology S1/S2	45.0150001/45.0310001
SAT Prep	35.0660001/2
Spanish I	60.0710001/2
Spanish I - Honors	60.0710041/2
Spanish I - Gifted	60.2710001/2
Spanish III (Pre-req)	60.0730001/2
Speech Forensics (Intro to Debate)	23.0460001/2
Theatre Fundamental I S1/S2	52.0210001/ 52.0220001
Visual Art Comp I (2D) S1 /S2	50.0211001/ 50.0212001
Weight Training	36.0540001/2
<b>Application Only Electives</b>	
<b>Schedules will change if accepted. Please see website for details and deadlines.</b>	
Dual Enrollment	Maxwell/Grayson
Peer Facilitation (Student Aide)	Peer Leadership
Work Based Learning	

# 12th Grade Electives

12th Grade Electives	
Course	Course Number
AP African American Studies	
AP Psychology	45.0160011/2
Beginning Band I	53.0361001/2
Beginning Jazz Band	53.0641001/2
Beginning Instrument Ensemble I (Percussion)	53.0741001/2
Beginning Men's Chorus I	54.0271001/2
Beginning Women's Chorus I	54.0241001/2
Beginning Orchestra I	53.0561001/2
Beginning Piano I	53.0941001/2
Ethnic Studies/Controversial Issues	45.0320001/45.0120001
Examining the Teaching Profession	13.0110001/2
Financial Literacy	07.4260001/2
Food Nutrition and Wellness	20.4161001/2
French I	60.0110001/2
French I - Honors	60.0110041/2
French I - Gifted	60.211001/2
Intermediate Team Sports	36.0310001/2
Intro Recreational Games	36.0270001/2
Introductory Team Sports	36.0210001/2
Journalism I (Voices of South)	23.0320001/2
Journalism III (Yearbook)	23.0350001/2
Law/Contemporary Issues S1/ S2	45.0560001/45.0120001
Modern Dance I	51.0410001/2
Multicultural Literature and Composition	
Peer Leader ( <i>Advisor Approval Required</i> )	45.0590001/2
Psychology/Sociology S1/S2	45.0150001/45.0310001
SAT Prep	35.0660001/2
Spanish I	60.0710001/2
Spanish I - Honors	60.0710041/2
Spanish I - Gifted	60.2710001/2
Spanish III (Pre-req)	60.0730001/2
Speech Forensics (Intro to Debate)	23.0460001/2
Theatre Fundamental I S1/S2	52.0210001/ 52.0220001
<b>Application Only Electives</b>	
<b>Schedules will change if accepted. Please see website for details and deadlines.</b>	
Dual Enrollment	Maxwell/Grayson
Peer Facilitation (Student Aide)	Peer Leadership
Work Based Learning	

# Language Arts

## Language Arts

**9<sup>th</sup> Grade Literature CP/Honors/Gifted/Sheltered:** This year-long, one credit course focuses on the acquisition of reading, writing, speaking, listening, and language skills. Through extensive reading of literary and informational texts, students develop an understanding of how to cite strong and thorough textual evidence to support analysis, reflection, and research. In conjunction with reading skills, the study of composition includes a focus on argumentative, informative/explanatory, and narrative writing as well as research skills. Speaking and listening skills are acquired through participation in collaborative discussions as well as formal and informal presentations. Language and vocabulary study are integrated within the context of reading, writing, speaking, and listening skills. **(Graduation Requirement)**

**10<sup>th</sup> Grade World Literature CP/Honors/Gifted/Sheltered:** This course includes a balance of composition, applied grammar, and both literary and informational texts, with a focus on world literature and documents from world and American history. Students will analyze and respond to increasingly complex texts appropriate for 10<sup>th</sup> graders. Developing vocabulary, speaking, listening, researching, and test-taking skills are integral parts of the course curriculum. **(Graduation Requirement)**

**11<sup>th</sup> Grade American Literature CP/Honors/Gifted Sheltered:** In this course, students closely analyze American literature, considering how texts can be central to our nation's founding, contribute essential and diverse perspectives, and highlight what it means to be an American. This course includes a balance of composition, applied grammar, literary, literary non-fiction, and informational texts with a focus on American authors and historical documents and a comparative analysis of them. Developing vocabulary, speaking, listening, researching, and test-taking skills are integral parts of the course curriculum. **(Graduation Requirement)**

**12<sup>th</sup> Grade British Literature CP/Honors/Gifted Sheltered:** British Literature and Composition students closely analyze world literature and consider how humans define and interact with the unknown, the tragic, the triumphant, and the heroic. This course includes a balance of composition, applied grammar, literary and informational texts, a focused unit on British authors and historical documents, and comparative analysis. Developing vocabulary, speaking, listening, researching, and test-taking skills are integral parts of the course curriculum. **(Graduation Requirement)**

## Language Arts Advanced Placement

**AP Language and Composition (Am. Lit.)/Gifted:** This course focuses on the importance of comprehending a writer's purpose, subject, and audience, while also helping students recognize the rhetorical conventions of language that writers use to create effective writing. Students will become highly skilled readers and effective writers who are able to analyze arguments embedded in the nonfiction masterworks of notable writers, thinkers, and orators. AP Language correlates with a typical first semester college Freshman English class. Students will take the AP Language exam at the end of the course. **(Satisfies 11<sup>th</sup> Grade Literature Graduation Requirement.)**

**AP Literature and Composition/Gifted:** designed to develop students' ability to read and understand literature, communicate in writing and in speech, and polish skills students will need in their academic and professional future. The course is a college-level literature course with increased academic rigor and intellectual demands. Students will take the AP Literature exam at the end of the course. This is a senior level class. **(Satisfies 12<sup>th</sup> Grade Literature Graduation Requirement.)**

**AP Seminar:** This is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based

arguments.

## Language Arts Electives

**Advanced Composition:** *This course is designed for students who need an additional .5 unit in Language Arts. The course uses a variety of media and literature, and focuses on developing the student's writing skills.*

**Dramatic Writing:** In this course, students will apply skills that 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. **(Satisfies 12th Grade Literature Graduation Requirement.)**

**Journalism I/II: (Voices of South Magazine):** This course is a student-centered class designed for learning how to create a school magazine. The fundamentals of journalism, writing, and production are taught. Students will write and create art and/or photography for the magazine. The students will have hands-on experiences learning how to research, write, interview, revise, edit, layout, publish and market a magazine. This class is open to Sophomores, Juniors, and Seniors. Students who consider this course must be self-disciplined and motivated. **(Recommendation from the Advisor/Language Arts Teacher required)**

**Journalism III/IV: (Yearbook):** This elective course provides students who are interested in journalism with an opportunity to learn basic principles of yearbook production and develop skills that include writing copy, captions and headlines, digital photography, and desktop publishing. This course requires discipline and the ability to meet strict deadlines. **(Recommendation from the Advisor/Language Arts Teacher required)**

**Speech Forensics (Introduction to Debate):** In this course, students will be exposed to forensic speech which is the study and practice of public speaking and debate. The class debates and speeches are patterned after ancient Greek competitions at public forums. This is a performance and writing class where students learn and practice speech and research skills to inform or persuade an audience.

**SAT Prep:** This class is designed to prepare students to take and successfully pass the SAT exam. These are students who desire to attend a four-year college after high school. The class offers methods specific to prepping for the SAT's optional essay section, techniques to identify common grammar mistakes, and strategies to analyze and solve reading comprehension challenges.

\*This class is reserved for juniors and seniors.

**Literary Types and Composition:** This course focuses on the major forms of fiction and non-fiction—short story, folktale, poetry, drama, essay, biography, autobiography, memoir, and editorial—and a thorough study of the elements of each literary genre. The following writing genres are emphasized: narrative, persuasive, expository (informational), and technical. The course focuses on organizational structures and instruction in language conventions within the context of reading, writing, and speaking. Students will observe and listen critically and respond appropriately to written and oral communication in a variety of genres and media.

**Multicultural Literature and Composition:** *This course focuses on world literature and informational texts by and about people of diverse ethnic backgrounds. Students explore themes of linguistic and cultural diversity by comparing, contrasting, analyzing, and critiquing writing styles and universal themes. The students write argumentative, expository, narrative, analytical, and response essays. A research component is critical. The students observe and listen critically and respond appropriately to written and oral communication.*

**Writer's Workshop:** In this course, students explore different writing genres—narrative, descriptive, persuasive, and expository modes of discourse—and study different writers and their writing styles. Students have opportunities to improve writing proficiency through a complete study of the components of solid writing: fluency, style, diction, mechanics, grammar, imaginative expressions, and details. Focusing on the writing of original fiction and poetry, this course also may focus on drama, screenwriting, and creative nonfiction. Workshop sessions, contemporary performances, and representative readings in a variety of genres and publications are included.

## Language Arts Dual Enrollment (Must be accepted to college AND approved by Dual Enrollment Counselor - schedule will be updated upon admission and approval)

**Composition and Rhetoric:** Explores the analysis of literature and articles about issues in the humanities and in society. Students practice various modes of writing, ranging from exposition to argumentation and persuasion. The course includes a review of standard grammatical and stylistic usage in proofreading and editing. An introduction to library resources lays the foundation for research. Topics include writing analysis and practice, revision, and research. Students draft a research paper using library resources and using a formatting and documentation style appropriate to the purpose and audience.

**Literature and Composition:** Emphasizes the student's ability to read literature analytically and meaningfully and to communicate clearly. Students analyze the form and content of literature in historical and philosophical contexts. Topics include reading and analysis of fiction, poetry, and drama; research; and writing about literature. **(Prerequisite: ENGL 1101 – Composition and Rhetoric with a C or better.)**

## Mathematics

### Mathematics

**Algebra: Concepts and Connections:** This is the first in a sequence of required high school mathematics courses. It includes modeling linear functions; analyzing systems of linear inequalities; investigating rational and irrational numbers; modeling and analyzing quadratic and exponential expressions, equations, and functions; investigating univariate and bivariate data; and algebraic connections to geometric concepts. **(Graduation Requirement)** *The identified prerequisite for this course is 8th Grade Mathematics.*

**Geometry Concepts and Connections:** This is the second in a sequence of required high school mathematics courses. It includes operations with polynomial expressions using geometric shapes; geometric constructions and proofs; congruence; similarity; right triangle trigonometry; properties of circles; unit circle; applications of volume; and applications of compound probability. **(Graduation Requirement)** *The identified prerequisite for this course is Algebra: Concepts & Connections.*

**Accelerated Geometry: Concepts and Connections:** This is the second in a sequence of required high school mathematics courses. This course incorporates all content in Geometry: Concepts & Connections (satisfying graduation requirements) along with select AKS from Enhanced Advanced Algebra + Precalculus: Concepts & Connections. It includes operations with polynomial expressions using geometric shapes; geometric constructions and proofs; congruence; similarity; right triangle trigonometry; applications of trigonometry to general triangles; properties of circles; unit circle; applications of the six trigonometric ratios; applications of volume; compound probability; and descriptive and inferential statistics. **(Graduation Requirement)** *The identified prerequisite for this course is Enhanced Grade 8 + Algebra: Concepts & Connections or Algebra: Concepts & Connections.*

**Advanced Algebra: Concepts and Connections:** This is the third in a sequence of required high school mathematics courses. It includes descriptive and inferential statistics, exponential and logarithmic functions; radical and rational functions; quadratic and polynomial functions; exploring linear algebra and matrices; and trigonometry and the unit circle. **(Graduation Requirement)** *The identified prerequisite for this course is Geometry: Concepts & Connections or Accelerated Geometry: Concepts & Connections.*

**Enhanced Advanced Algebra and PreCalculus: Concepts and Connections:** This is the third in a sequence of required high school mathematics courses. The course incorporates 2 years of content from the standard math sequence: Advanced Algebra: Concepts & Connections and Precalculus. It includes descriptive and inferential statistics, radical, exponential, and logarithmic functions; quadratic and polynomial functions; exploring linear algebra and matrices; rational and piecewise-defined functions; trigonometry and the unit circle; conic sections and polar equations; vector quantities and parametric equations; and sequences and series. *Students taking this course may be eligible for the Advanced Placement Precalculus exam.* **(Graduation Requirement)** *The identified prerequisite for this course is Accelerated Geometry: Concepts & Connections or Geometry:*

## Concepts & Connections.

**PreCalculus:** This course is a high school mathematics core credit. It includes rational and piecewise-defined functions; trigonometric expressions and functions; trigonometric identities and equations; conic sections and polar equations; vector quantities and parametric equations; and sequences and series. *The identified prerequisite for this course is Advanced Algebra: Concepts & Connections.*

**Advanced Mathematical Decision Making:** This course is a high school mathematics core credit. It includes mathematical reasoning; probability; statistical studies; mathematical models; vectors and matrices; and network models. *The identified prerequisite for this course is Advanced Algebra: Concepts & Connections.*

**AP Calculus AB:** This course follows the AP syllabus developed by the College Board for the Advanced Placement Calculus AB Exam. It includes an in-depth examination of limits; derivatives and integrals of algebraic and transcendental functions; continuity; applications of derivatives to related rates; maxima and minima; curve sketching; integration formulas; applications of the definite integral; and methods of integration. *The identified prerequisite for this course is Enhanced Advanced Algebra and Precalculus: Concepts & Connections or Precalculus.*

**AP Calculus BC:** This course follows the AP syllabus developed by the College Board for the Advanced Placement Calculus BC Exam. It includes an in-depth examination of limits, derivatives, and integrals of algebraic and transcendental functions; continuity; applications of derivatives to related rates; maxima and minima; curve sketching; integration formulas; applications of the definite integral; methods of integration, graphing, and integrating in polar coordinates; infinite sequences and series; power series; vectors; and differential equations. *The identified prerequisite for this course is Enhanced Advanced Algebra and Precalculus: Concepts & Connections or Precalculus.*

**Multivariable Calculus:** This course is a high school mathematics core credit. It includes investigating vectors and analytic geometry in three dimensions; exploring functions in three dimensions; reasoning about applying partial differentiation; applications of partial differentiation; exploring phenomena through multiple integrals; and reasoning about line and surface integrals. *The identified prerequisite for this course is AP Calculus BC.*

**AP Statistics:** This course follows the AP syllabus developed by the College Board for the Advanced Placement Statistics Exam. It includes an in-depth experience in statistical concepts and methods; data collection and exploration; experimental and theoretical probability; probability distributions; and descriptive and inferential statistics. *The identified prerequisite for this course is Enhanced Advanced Algebra and Precalculus: Concepts & Connections or Precalculus.*

## Mathematics Dual Enrollment (Must be accepted to college AND approved by Dual Enrollment Counselor - schedule will be updated upon admission and approval)

**Dual Enrollment-College Algebra:** Emphasizes techniques of problem solving using algebraic concepts. Topics include fundamental concepts of algebra, equations and inequalities, functions and graphs, and systems of equations; optional topics may include sequences, series, binomial theorem, probability, and analytic geometry. **(Prerequisite - Pass Accuplacer Exam and full credit for Algebra 1, Geometry and Algebra 2)**

## Mathematics Electives

**Algebra: Concepts & Connections Strategies:** The purpose of this elective is to provide students additional support in Algebra: Concepts & Connections. This course is taken simultaneously with Algebra: Concepts & Connections, giving extra time and using a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

**Geometry: Concepts & Connections Strategies:** The purpose of this elective is to provide students additional support in Geometry: Concepts & Connections. This course is taken simultaneously with Geometry: Concepts & Connections, giving extra time and using a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

**Advanced Algebra: Concepts & Connections Strategies:** The purpose of this elective is to provide students additional support in Advanced Algebra: Concepts & Connections. This course is taken simultaneously with Advanced Algebra: Concepts & Connections, giving extra time and using a variety of strategies to help students build a stronger foundation for success in their current and future mathematics courses.

**SAT Prep:** This class is designed to prepare students to take and successfully pass the SAT exam. These are students who desire to attend a four-year college after high school. The class offers methods specific to prepping for basic verbal and mathematical skills. Material includes samples with explanations, grading rubrics for peer and self-assessment, practice tests with complete multiple-choice assessments, essay prompts, and study resources. Independent practice is followed by guided collaborative review. \*This class is reserved for juniors and seniors.

## Science

### Science

**Biology CP/Honors/Gifted:** This course establishes the foundation for future scientific studies by allowing students to investigate biological concepts through experience in laboratories and field work. Concepts for the course include the interdependence of organisms; the relationship of matter, energy, and organization in living systems; the classification of organisms; and biological evolution. Students are required to take the GA Milestones assessment at the end of the course. **(Graduation requirement)**

**Chemistry CP/Honors/Gifted:** This course shifts students' focus to the structure of atoms, the structure and properties of matter, and the conservation and interaction of energy and matter. Students will investigate chemistry concepts through laboratory experience using the process of inquiry. **(Graduation requirement)**

**Physics CP/Honors/Gifted:** Students will engage in an in-depth study of matter in motion. This course places an emphasis on mechanics, sound, light, electricity, magnetism, and modern physics. **(Graduation requirement)**

**Environmental Science:** The topics in this course include the study of ecology; effects of natural and human activity on land, water, and air; energy resources and conservation; food production, preservation, and storage; waste management; pollution and human health; and biotechnology.

**Forensic Science:** Forensic Science is the study of the application of science as it pertains to the law. This integrated science course is designed to explore the scientific and technological aspects of criminal investigations. Topics will include the study of DNA, glass, blood, fingerprinting, chemical residues, and evidence collection as it relates to forensic issues. Application to court cases, literature, psychology, and criminology are examined.

**Anatomy and Physiology:** The curriculum of this course is extensively performance and laboratory based. It integrates the study of the structures and functions of the human body; however, rather than focusing on distinct anatomical and physiological systems (respiratory, nervous, etc.) instruction is focused on the essential requirements for life. Areas of study include organization of the body; protection, support, and movement; providing internal coordination and regulation; processing and transporting; and reproduction, growth, and development. Whenever possible, careers related to medicine, research, healthcare, and modern medical technology are emphasized. Case studies concerning diseases, disorders, and ailments (i.e., real-life applications) are also included in the curriculum.

### Science Advanced Placement

**AP Biology:** This is a college-level biology course that challenges students' abilities to understand and solve problems, design; implement controlled experiments; manipulate data; draw conclusions; think analytically; and develop hypotheses within the realm of biological science. Students are required to complete summer assignments aligned with the content in order to prepare for the rigor and demand of the course load. In

addition, students are expected to take the Advanced Placement exam at the end of the course in an attempt to earn college credit. **(Recommended prerequisites: high school biology and chemistry)**

**AP Chemistry:** This college-level course stresses theoretical aspects of chemistry and is designed to build upon the foundations of a first year Honors or Gifted course. Laboratory experiences in AP Chemistry are especially intense and the AP Exam includes questions based on experiences and skills students will acquire in the laboratory. Successful completion of this course gives students excellent preparation for a broad range of careers in science or medicine. Students are expected to take the Advanced Placement exam at the end of the course in an attempt to earn college credit. **(Recommended prerequisites: high school chemistry and Algebra II)**

**AP Physics:** This first-year college course is a rigorous approach to an in-depth study of matter in motion. Emphasis is placed on mechanics, sound light, electricity, magnetism, and modern physics. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam. Students are expected to take the Advanced Placement exam at the end of the course in an attempt to earn college credit. **(Recommended prerequisites: high school physics, high school geometry, and concurrent enrollment in Algebra II or an equivalent course)**

**AP Environmental Science:** In this course students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas: energy transfer, interactions between earth systems, interactions between distinct species and the environment, and sustainability. Students are expected to take the Advanced Placement exam at the end of the course in an attempt to earn college credit. **(Recommended prerequisites: high school environmental science and two years of high school laboratory science, including life science and physical science, along with at least one year of algebra.)**

## Social Studies

### Social Studies

**World History:** This course provides a comprehensive, chronological survey of the significant conditions, challenges and accomplishments that have influenced the progress of humankind. Beginning with prehistory, students examine topics associated with the growth of early civilization, classical contributions of Greece and Rome, regional civilizations, and the rise of medieval Europe. Other topics of study include emergence of the modern world, age of revolution, growth of industry and nationalism, world wars in the 20<sup>th</sup> century, and development of the contemporary world. **(Graduation requirement)**

**US History:** This course provides a comprehensive, chronological survey of the history of the United States. Students examine topics beginning with the period of exploration and colonization, and then continue through independence and revolution, constitutional debate between the Federalist and Republicans, Jeffersonian and Jacksonian democracy, sectionalism and civil war, reconstruction and industrialization, immigration and urbanization, imperialism, and the progressive era, World War I and the Great Depression, World War II, and the Cold War. The course concludes with a study of the emergence of modern America. **(Graduation requirement)**

**American Government & Civics (1 semester):** American Government & Civics is a required course designed to provide students with a fundamental understanding of their rights and responsibilities as citizens by examining the American political structure and process. Topics of study include the origin and growth of representative democracy, the development of the U.S. Constitution founded on the concept of federalism, landmark legal decisions and their impact on constitutional government, the adaptive nature of the political process as influenced by political parties, special-interest groups, and media coverage, as well as a comparison of our political system with other forms of government throughout the world. **(Graduation requirement.)**

**Economics and Personal Finance (1 semester):** Economics offers students the opportunity to study the issues of scarcity and choices related to the use of limited resources. Students learn how to apply the tools of economic analysis to personal, community, national, and international issues. Economic preparedness enables students to make choices relying on past historical and geographical knowledge to engage in our complex society actively and successfully. **(Graduation requirement.)**

## Social Studies Electives

**Psychology (1 semester):** This semester course introduces students to basic psychological concepts and principles as well as the rules, laws, and theories of psychology. Topics of study include determiners of personality (heredity and environment), theories of the development of intelligence, and testing characteristics of basic needs. A study of self-concept (theories of development) also is included. With this knowledge of themselves and others, students should be able to make informed decisions which are affected by changing environments and situations.

**Sociology (1 semester):** This semester course helps students understand and appreciate people as independent agents in cooperative activities with others. Topics to be covered are the organized way people fulfill basic needs (institutions); the setting of social rules and their enforcement (social control); and the possessions people have, the way they think, and their actions as members of society (culture). Students will use the social scientific method as a mode of research.

**Contemporary Issues (1 semester):** Contemporary Issues is a semester course that offers students the opportunity to recognize the growing diversity of American society. Students will analyze current trends leading to international economic cooperation and international human rights, including the opportunities presented by technology as a means to address political, social, and economic problems; students also analyze the struggle between environmental protection and economic progress. During this course, students learn the challenges related to urbanization and changes in household and family structure, the causes for the growth of radical groups throughout the world and the effects of such growth.

**Law (1 semester):** Law is a semester course that allow students to analyze the foundations and functions of the American legal system. Students will examine types of laws, the individual's relationship to the law and major court decisions. This course integrates and reinforces social studies skills.

**Ethnic Studies (1 semester):** This course will introduce students to the foundational concepts and frameworks of Ethnic Studies and to the experiences of ethnic communities that are not often studied in depth in core Social Studies courses. Instruction will focus on discussing social and political movements led by various ethnic and racial groups to achieve change. Students will analyze how these movements may have influenced lives and identities. Through an examination of race, ethnicity, nationality, and culture, students will be equipped with a critical lens with which to see the world and their place in it. Through this course, students will be guided to use the skills of social sciences and supported to discover and use their own power for the benefit of themselves, their community, and society at large.

**Controversial Issues (1 semester):** Controversial Issues is a semester course that offers students the opportunity to explore world views and logical fallacies. Students will also analyze, and discuss life and health issues, discrimination issues, constitutional issues, and global issues.

## Advanced Placement Social Studies

**AP Human Geography:** The Advanced Placement program in Human Geography is a college-level course designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to interpret human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam to earn college credit. AP Human Geography also prepares students for the required High School Gateway.

**AP World History:** Focusing primarily on the past thousand years of global experience, this course builds on an understanding of cultural, institutional, and technological foundations that, along with geography, set the human stage prior to the year 1000. Specific time periods form the organizing principle for dealing with change and continuity from that point to the present. Historical themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study.

The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam. **(Satisfies World History graduation requirement)**

**AP US History:** The Advanced Placement program in U.S. History provides students with factual knowledge and analytical skills in the interpretation of the history of the United States from the 1600s through the 1990s. Political, economic, and social issues are stressed through the following topics: The Colonial Period; the American Revolution; the Jacksonian Period; Civil War and Reconstruction; Populism and Progressivism, the New Deal; and International Affairs and Domestic Changes in the Post-1945 Period. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam. **(Satisfies U.S. History graduation requirement)**

**AP Macroeconomics (1 semester):** Advanced Placement Macroeconomics gives students a thorough understanding of the principles of economics that apply to an economic system. The course places particular emphasis on the study of national income and price determination, and develops students' familiarity with economic performance measures, economic growth, and international economics. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam. **(Satisfies Economics and Personal Finance Graduation Requirement.)**

**AP American Government (1 semester):** The purpose of this Advanced Placement program is to provide an overview of government, politics, and political behavior at the local, state, and national levels. Topics include an examination of the structure, functions, and inter-relationships of various levels of government; political socialization; elections and the party system; and the role of the individual in American government. Students will be exposed to specific information about government and how government affects their daily lives. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam. **(Satisfies American Government and Civics graduation requirement.)**

**AP Psychology:** Advanced Placement Psychology provides students with the opportunity to examine the scientific nature of psychology and to determine the relevance of the behavioral sciences in our lives today. Students will examine the issues leading to the development of psychology as a science as well as the issue currently being addressed in the field of human behavior. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam.

**AP African American Studies:** Advanced Placement African American Studies is an exciting, interdisciplinary course that draws from a variety of fields—history, literature, the arts, geography, science, and law—to explore the vital contributions and experiences of African Americans. In AP African American Studies, students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American Studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual and data analysis skills. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exam.

## Modern and Classical Language

### Modern and Classical Language

**French I, II, III:** Students study the French language and culture from the novice level in French I through the intermediate levels, culminating in French III. **(Previous courses are prerequisite for higher level courses)**

**Spanish I, II, III:** Students study the Spanish language and culture from the novice level in Spanish I through the intermediate levels, culminating in Spanish III, and Culture. **(Previous courses are prerequisite for higher level courses)**

**Spanish for Native Speakers** - This course provides native speakers of Spanish with the opportunity to maintain

oral competency in the Spanish language and to acquire a more sophisticated level of competency in Spanish reading and writing. Students refine their writing proficiency, engage with authentic texts, and gain a deeper understanding of both their native culture and the cultures of other Spanish-speaking countries. This course may culminate in Spanish for Native Speakers II, Spanish IV, or AP Spanish Language and Culture. **(This class requires teacher recommendation)**

## Modern and Classical Language Advanced Placement

**AP Spanish:** Students will complete college level work in the Spanish language. The objectives for this course follow the College Board syllabus, preparing students for the Advanced Placement exams in Spanish Language or Spanish Literature. **(This class requires teacher recommendation)**

# Physical Education and Health

## Physical Education

**Health:** This single-semester course is a graduation requirement and designed to offer a practical approach to health topics that concern adolescents. The course covers knowledge and skills necessary for personal health and well-being and the prevention and treatment of injury. Additional information covered includes disease prevention, relationships, consumer health, the life cycle, and preventing abuse of tobacco, alcohol, and drugs. **(Graduation Requirement)**

**Personal Fitness:** This single-semester course is a graduation requirement and a prerequisite to all elective physical education courses. This course serves as an introduction to the role of exercise in health promotion, fitness, and performance. The course provides students with the basic knowledge and understanding that physical fitness, exercise, and diet are essential in developing and maintaining a healthy lifestyle. Students will participate in physical activities geared towards enhancing body composition, flexibility, muscular strength, muscular endurance, and cardiovascular fitness. **(Graduation Requirement)**

## Physical Education Electives

**Weight Training (Intro, Intermediate, Advanced):** The beginning, and advance series of weight training provides students with an opportunity to apply weight training and conditioning principles at various levels. A variety of training methods may be used to address flexibility, muscular strength and endurance, cardiovascular endurance, and body composition. Personal fitness, equipment, lifting technique, nutrition, and ergogenic aids will be addressed. Speed and power training methods may be utilized.

This course will provide the student with opportunities to enhance muscular strength, muscular endurance, flexibility, SAQ (speed-agility-quickness), and capacity to do work. Through *hands-on* training, the student will be able to properly demonstrate various skills and techniques associated with resistance exercises. The student will also be able to identify necessary safety concerns relevant to resistance training and become familiar with resistance training terminology. This course will also introduce basic physiological and psychological effects of resistance training---discussing areas such as improving muscle function, appearance, self-esteem, athletic performance, bone density, and injury prevention risks. **(Advanced weight training requires teacher recommendation)**

**Team Sports (Intro, Intermediate, Advanced):** This series of courses provides students with an opportunity to learn the history, rules, and basic skills of the following team sports: basketball, volleyball, soccer, flag football, team handball, floor hockey, ultimate frisbee, and softball. As the courses progress, students will have an opportunity to experience team play, strategy development, and officiating techniques in each of the team sports offered. **(Advanced team sports requires teacher recommendation)**

**Body Sculpting (Intro, Intermediate, Advanced):** This course provides basic instruction in methods to define, condition, and reshape the body through specific exercises. Topics covered through this overall conditioning program are weight training, conditioning exercises, proper nutrition, muscle definition, posture, physical response to exercise, and weight control. A variety of equipment, training methods, and nutrition discussions will be used to provide a healthy means to redefine and shape the body. **(Advanced body sculpting requires teacher recommendation)**

**Recreational Games:** This course is designed to teach students the proper way to play different activities and games, while still managing to stay physically fit and socially active. Students will participate in a variety of individual and team activities. This course will provide students with the opportunity to learn the history, rules, and basic skills of several recreational games. Students will then practice and develop the skills necessary to participate in those games that may include but are not limited to, badminton, basketball, tennis, speed Minton, badminton, ping pong, spike ball and volleyball.

**Physical Conditioning:** This course will provide you with a continued focus of the five components of fitness: cardiorespiratory, muscular strength and endurance, flexibility, and body composition. You will be exposed to various exercise modalities and training techniques. In addition, you will develop the skills to assess each component of fitness and will practice constructing cardiovascular, muscular strength and endurance, and flexibility programs based on the fitness assessment. **(Advanced physical conditioning requires teacher recommendation)**

## Fine Arts

### Visual Arts

The goal of the SGHS Visual Arts program is to cultivate artists that have the chance to experience multiple disciplines within visual arts and have opportunities to create advanced works that explore their creativity and the processes they're learning in depth.

#### **Disciplines Offered:**

**Prerequisite Visual Arts Class:** Visual Arts Comp I/II (These courses must have been taken and passed in order for a student to enroll in the advanced level courses.)

**Advanced Visual Arts Classes:** Ceramics, Drawing & Painting, Graphic Design, Photography, and Sculpture

**Visual Arts Comprehensive I (2D Design):** This is a one semester introductory course designed for students in grades 9-12 who have no previous experience. This course encompasses exploration of images and makes use of techniques in drawing, printmaking, lettering, painting, and collage. A variety of two-dimensional designs are created. Historical and contemporary achievements in two-dimensional art are explored.

**Visual Arts Comprehensive II (3D Design):** **Visual Art 2-3D** The Visual Arts Comp II/Three-Dimensional course explores concepts and techniques of construction, assemblage, and media manipulations. Historical and contemporary developments in art are explored. A \$15 fee is associated with the class to cover necessary supplies.

**Draw/Paint I,2,3:** Students will acquire skills in a variety of drawing and painting techniques, including the use of contour line, gesture line, value, and color. The development of a painting style will be introduced, with emphasis on constructing personal visual statements that communicate feelings and ideas. Career opportunities in the field will be examined. Historical and contemporary developments in drawing and painting will be explored. A \$15 fee is associated with the class to cover necessary supplies. **(Prerequisites - Visual Art I / 2D and Visual Art II / 3D)**

**Ceramics 1, 2, 3, 4:** The intent of Ceramics is the development of advanced skills in ceramics through creating, presenting, responding, and connecting. Students will explore the elements and principles of 3-D art while

creating ceramics using various materials and methods. In this course, students will also study the historical and cultural aspects of ceramics. **(Prerequisites - Visual Art I / 2D and Visual Art II / 3D)**

**Sculpture I:** The primary focus of this course is the development of advanced skills in sculpture, including the visual vocabulary used in creating and critiquing artwork. Students will explore the elements and principles of 3-D art while creating sculptures using various materials and methods. In this course students will also study the historical and cultural aspects of sculpture. A \$15 fee is associated with the class to cover necessary supplies. **(Prerequisites - Visual Art I / 2D and Visual Art II / 3D)**

**Graphics 1.2:** The goal of this course is to provide all students with an introduction to the principles of graphic communications and design and its place in the world. 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 graphic design and its function in contemporary society. Stresses using the computer as a major design tool. Explores career opportunities. A \$15 fee is associated with the class to cover necessary supplies. **(Prerequisites - Visual Art I / 2D and Visual Art II / 3D)**

**Photography 1.2.3.4:** Photography students are introduced to the creation of images using light-sensitive materials and digital processing. Pinhole photography and contact printing are explored, along with other introductory work with film and digital. Appropriate processing photographs will be stressed along with safe use of photographic materials and equipment. Historical and contemporary developments of photography and its cultural influences will be explored. Students will use the photographic medium to communicate feelings and ideas. A \$15 fee is associated with the class to cover necessary supplies. **(Prerequisites - Visual Art I / 2D and Visual Art II / 3D)**

## Visual Arts Advanced Placement

**AP Studio Art 2D Design:** The focus of a 2D Art and Design portfolio is to use the elements of art and principles of design to support ideas in an integrative way. Demonstrate your understanding of design principles as applied to a two-dimensional surface, whether physical or virtual. Articulate the principles of design (unity/variety, balance, emphasis, contrast, rhythm, repetition, proportion/scale, and figure/ground relationship) through the visual elements (line, shape, color, value, texture, and space). Work may be submitted in any two-dimensional process or medium, including but not limited to graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, illustration, painting, printmaking, etc. A \$15 fee is associated with the class to cover necessary supplies. **(Prerequisites - Visual Art I / 2D and Visual Art II / 3D and teacher recommendation required)**

**AP Studio Art 3D Design:** In AP 3-D Art and Design you'll learn how to create art in different disciplines such as sculpture, architectural rendering, metal work, ceramics, and others. At the end of the course you'll submit a portfolio that demonstrates your knowledge of art skills using three-dimensional materials. To learn more about the course visit the [AP 3-D Art and Design course page](#). **(Prerequisites - Visual Art I / 2D and Visual Art II / 3D and teacher recommendation required)**

**AP Drawing:** In AP Drawing, you'll experiment with a variety of materials and processes as you develop your drawing skills. At the end of the course you'll submit a portfolio that demonstrates the different drawing abilities taught in the course, which include mark-making, line, surface, space, light and shade, and composition. To learn more about the course visit [AP Drawing course page](#). **(Prerequisites - Visual Art I / 2D and Visual Art II / 3D and teacher recommendation required)**

## Dance

**Modern Dance I, II, III:** This course is designed for the beginning to intermediate advanced level dancers. Students will study Ballet, Modern, and Jazz technique. Other areas of concentration may include dance fundamentals, skeletal system above/below the waist, contemporary dance, vocabulary, improvisation, yoga, conditioning, and choreography. In accordance with the Gwinnett County Public School's Academic Knowledge & Skills (AKS) handbook, all dance classes are required to participate in a dance production in a public performance. There are three mandatory after school rehearsals and two performances the week of the dance concert. Each student also will be required to participate in a dance show. \$75 annual fee associated with this course. The following non-beginning level classes are offered: Jazz Dance, Dance, and Ballet **(Teacher recommendation required for courses other than Modern Dance)**

**Dance History:** This course introduces the history of dance, covering origins and cultural growth of dance in various societies and time periods, culminating in the modernization of current dance.

## Chorus

**Chorus Beginning Mixed, Intermediate Mixed, and Advanced Mixed:** The choral program of SGHS is designed to develop the student's skill in vocal performance in various genres of music and to teach choral knowledge acquired through music history, terminology, and performing various genres of music. Students will gain valuable skills needed to perform on a local, district, state, national, and international level. Each choral student is responsible for \$100 dues to cover gowns/tuxedos, registrations for festivals, trips, and operational costs associated with the SGHS choral program. After-school rehearsals are kept at a minimum of once every two weeks and increasing as we get closer to performances. We have a total of 4 main performances at SGHS along with various performances throughout the community. **(Upper level courses require teacher recommendation)**

## Piano

**Beginning, Intermediate, and Advanced Piano:** Students develop skills in fundamental piano techniques. Music theory skills include notation of pitch and rhythm, scales, and intervals. A variety of literature for the piano is studied and performed. Performance and sight-reading skills will be developed and enhanced through various keyboard techniques.

## Theater

**Theater Fundamentals I/II:** This course is designed for the beginning thespian. Students will study the various components of the art of acting to include script analysis, script writing, and beginning acting technique. Students may also engage in theater production elements as well. In accordance with the Gwinnett County Public School's AKS, students are required to participate in after school rehearsals and performances throughout the drama season and participate in a public performance.

**Acting I-IV:** This is the perfect course for the young actor. Through game plan and fun collaborate exercises, students will learn a variety of acting strategies, techniques, and essential skills for stage, all while exploring story and character. Pre-req and teacher recommendation required. In accordance with Gwinnett County Public School's AKS, students are required to participate in after school rehearsals and performances throughout the drama season and participate in a public performance. **(Prerequisite- Theater Fundamentals I/II)**

**Advanced Drama I-IV:** This course draws upon the foundations given from Theater Fundamentals and Acting courses. Through continuation of acting study, students will grow their variety of acting strategies, techniques, and essential skills for stage, all while exploring story and character. In accordance with Gwinnett County Public School's AKS, students are required to participate in after school rehearsals and performances throughout the drama season and participate in public performance. **(Prerequisite- Theater Fundamentals I/II and teacher**

*recommendation required)*

## Band

**Band I, II, III, IV:** Course content includes instrument skills, music reading, appropriate tone quality, balance, precision, phrasing, and technique. *(Upper level courses require teacher recommendation)*

## Orchestra

**Beginning orchestra, Intermediate Ensemble, and Mastery Orchestra:** The SGHS Orchestra program is designed to develop the student's orchestral skills by providing performance opportunities in various genres of music, and to teach String knowledge through technical skills, music history and music theory. The students are responsible for \$85 Orchestra dues which help defray the cost of Orchestra shirts, Orchestra composite pictures, field trips, guest clinicians, Large Group Performance Evaluation awards and Spring Concert awards. *(Upper level courses require teacher recommendation)*

# Career Technical Education

Academy	Pathway	1st Course	2nd Course	3rd Course	4th Course
<b>BEH</b> Business, Entrepreneurship, and Hospitality	<b>3DE(Marketing)</b>	Marketing Principles	Marketing and Entrepreneurship	Marketing Management	WBL, Dual Enrollment, Internship
	<b>Culinary Arts</b>	Introduction to Culinary Arts	Culinary Arts I	Culinary Arts II	WBL, Dual Enrollment, Internship
	<b>Entrepreneurship</b>	Introduction to Business and Technology	Legal Environment of Business	Entrepreneurship	WBL, Dual Enrollment, Internship, Youth Entrepreneurship of GA
<b>HHS</b> Health and Human Services	<b>Therapeutic Services/Allied Health and Medicine</b>	Introduction to Healthcare Science	Essentials of Healthcare	Patient Care Fundamentals & Patient Care Technician	WBL, Dual Enrollment, Internship
	<b>Nutrition and Food Science</b>	Food, Nutrition and Wellness	Food for Life	Food Science	WBL, Dual Enrollment, Internship
<b>PSLM</b> Public Service, Law, Leadership, and Media	<b>Law Enforcement Services/Forensic Science</b>	Introduction to Law & Public Safety	Criminal Justice Essentials	Forensic Science and Criminal Investigations	WBL, Dual Enrollment, Internship
	<b>Legal Services/Application of Law</b>	Introduction to Law & Public Safety	Essentials of Legal Services	Applications of Law	WBL, Dual Enrollment, Internship
	<b>Audio/Video, Technology and Film</b>	Audio, Video, Tech and Film I	Audio, Video, Tech and Film II	Audio, Video, Tech and Film III	WBL, Dual Enrollment, Internship
	<b>Army JROTC</b>	Leadership, Education and Training (LET I)	Leadership, Education and Training (LET II)	Leadership, Education and Training (LET III)	Leadership, Education and Training (LET IV)
	<b>Teaching as a Profession</b>	Examining the Teaching Profession	Contemporary Issues in Education	Teaching as a Profession Practicum	WBL, Dual Enrollment, Internship
<b>STEM</b> Science, Technology, Engineering, and Math	<b>Computer Science</b>	Introduction to Software Technology	AP Computer Science Principles	AP Computer Science	WBL, Dual Enrollment, Internship
	<b>Engineering and Technology</b>	Foundations of Engineering and Technology	Engineering Concepts	Engineering Applications	WBL, Dual Enrollment, Internship
	<b>Cybersecurity</b>	Introduction to Hardware Technology	Introduction to Cybersecurity	Advanced Cybersecurity	WBL, Dual Enrollment, Internship

## Striving Together Achieving Results (S.T.A.R. Academy) (9th Grade Only)

**Introduction to Business Technology (Business Focus):** This course is designed to provide an overview of business and technology skills required for today's business environment. Emphasis is placed on developing proficient 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. Employability skills are integrated into activities, tasks, and projects throughout the course to demonstrate the skills required by business and industry. Professional communication skills and practices, problem-solving, ethical, and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready.

**Intro to Software Technology (STEM Focus):** Introduction to Software Technology is the foundational course for Cloud Computing, Computer Science, Game Design, Internet of Things, Programming, Web and Digital Design, and Web Development pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.

## Business Entrepreneurship and Hospitality (B.E.H. Academy)

### Marketing Pathway-3DE Program

**Marketing Principles (3DE):** The course embeds the core curriculum of the Marketing Management Pathway, and case study methodology integrated with partnerships of various businesses from different industries. The 3DE course program uses project-based design to create a space for students to build the skills necessary to navigate today's complex business world. Students are equipped to think independently, move strategically, and work collaboratively on competition teams to solve complex business solutions, while discovering their passions along the way. Through this program, students are prepared to transition through the entire high-school journey.

**Marketing and Entrepreneurship (3DE):** Marketing and Entrepreneurship begins an in-depth and detailed study of marketing while also focusing on management with specific emphasis on the launch of a small business. Students will learn how to recognize business opportunities, understand the fundamental concepts of business ownership, prepare a marketing and financial plan, and present a visual presentation for startup investment funding. Upon completion of all three courses in the Marketing and Management pathway, students will have the opportunity to take the end of pathway assessment.

**Marketing Management (3DE):** This course covers business ethics, pricing strategies, and market research skills. Students will develop their selling skills as they work in the school-based enterprise each day during their class time and gain hands-on experience. Additionally, they will collaborate with the teacher to identify the factors affecting product/service planning. Marketing Management provides an advanced look at becoming a store merchandiser, or an owner of a retail store. Upon completion of all three courses in the Marketing and Management pathway, students will have the opportunity to take an End of Pathway Assessment.

### Entrepreneurship Pathway

**Introduction to Business Technology:** This course is designed to provide an overview of business and technology skills required for today's business environment. Emphasis is placed on developing proficient 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. Employability skills are integrated into activities, tasks, and projects throughout the course to demonstrate the skills required by business and industry. Professional communication skills and practices, problem-solving, ethical, and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready.

**Legal Environment:** this course concentrates on the legal aspects of business ownership and management. Legal issues will include contracts, sales, consumer law, agency and employment law, personal and real property, risk management, environmental law, and government effects on business. The impact of ethics on business operations will be studied.

**Entrepreneurship:** This course introduces students to the opportunities and challenges associated with creating and managing a small business. Entrepreneurship will teach the skills and approaches to successfully evaluate and create new business opportunities. Students will engage in team building and collaborative activities, with the intent of increasing career and college readiness. Students will progress through different methods for developing business ideas, the processes of starting a business, the acquisition of resources, and the key components of a business plan.

## Culinary Arts Pathway

**Intro to Culinary Arts:** This course provides insight on fundamental food preparation terms, concepts, and methods, emphasizing safety, sanitation, and operation procedures.

**Culinary Arts I & II:** This course involves in-depth knowledge and hands-on skill mastery of fundamental food preparation terms, concepts, and methods, emphasizing safety, sanitation, and operation procedures.  
*(Prerequisite - Intro to Culinary Arts and lower level courses required)*

## Public Service Law and Media (P.S.L.M. Academy) Law Enforcement Services Pathway

**Intro to Law Public Safety/Corrections:** This course is the first course in both the Legal Services and Criminal Investigations pathways. It prepares individuals for employment relating to emergency and fire services, legal services, protective services, and homeland security. It examines the basic concepts of law related to citizens' rights and the responsibilities, and students will receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law.

**Criminal Justice Essentials:** Criminal Justice Essentials is the second course in the Criminal Investigations pathway. This course provides an overview of the criminal justice system. Starting with historical perspectives of the origin of the system, the course reviews the overall structure. Students will become immersed in criminal and constitutional law and will review basic law enforcement skills. The course ends with a mock trial to provide participants with a first-hand experience of the criminal justice system.

**Forensic Science and Criminal Investigations:** Forensic Science and Criminal Investigations is a course designed to contextualize scientific principles within the career studies of students interested in criminal justice. The course will utilize scientific equipment and counts as a Science credit. Students will learn some investigative techniques and crime scene investigation skills through the lens of the scientific method.

## Legal Services Pathway

**Intro to Law Public Safety/Corrections:** This course is the first course in both the Legal Services and Criminal Investigations pathways. It prepares individuals for employment relating to emergency and fire services, legal services, protective services, and homeland security. It examines the basic concepts of law related to citizens'

rights and the responsibilities, and students will receive instruction in critical skill areas including communicating with diverse groups, conflict resolution, ethics, CERT (Citizens Emergency Response Training, or similar program), basic firefighting, report writing, terrorism, civil and criminal law.

**Essentials of Legal Services:** Essentials of Legal Services is the second course for the Legal Services pathway. This course provides an overview of the judicial process and role in our constitutional system of government. The major focus of the course is on constitutional rights of citizens and the corresponding duties of governmental officials. Students will learn about the legal process in both criminal and civil cases, as well as the various participants and the legal and ethical roles in court cases.

**Applications of Law:** Applications of Law is the third course for the Legal Services/Applications of Law pathway. This course focuses on substantive law, both criminal and civil law, as well as the application of the law to factual scenarios. Students will learn the basic concepts of criminal law in order to analyze factual scenarios and apply criminal law to justify an appropriate criminal charge and the presence of possible defenses. Students will also learn basic civil law, including, torts, contracts, real property, family law, and immigration law.

## Audio, Video, Technology and Film Pathway

**Audio, Video, Technology and Film I (AVTF I):** This course covers video pre-production, production, and post-production. Students will participate in the planning, shooting, and editing of video projects. AVTF I introduce video production from the perspective of careers in television journalism, sports broadcasting, and film production. Upon completion of all three courses in the AVTF pathway, students will have the opportunity to take an End of Pathway Assessment.

**Audio, Video, Technology and Film III (AVTF III):** This course covers media law, career preparation, and video portfolio preparation. Students will independently plan, shoot, and edit an original project. AVTF III teaches advanced video production from the perspective of careers in television journalism, sports broadcasting, and film production. Upon completion of all three courses in the AVTF pathway, students will have the opportunity to take an End of Pathway Assessment.

**Audio, Video, Technology and Film II (AVTF II):** This course covers program formats, advanced editing, and graphics design for video. Students will participate in a studio production that includes advanced lighting and staging and blocking. AVTF II teaches intermediate video production from the perspective of careers in television journalism, sports broadcasting, and film production. Upon completion of all three courses in the AVTF pathway, students will have the opportunity to take an End of Pathway Assessment.

## JROTC Pathway

**JROTC LET 1:** Leadership Education and Training: The Emerging Leader is the first of four courses in the Army Junior Reserve Officers' Training Corps (JROTC) high school program. This course supports twenty-two lessons designed for a first-year Cadet. This first year JROTC program is designed to help develop strong leaders and model citizens. A first year Cadet will be introduced to content that will help the leader within them emerge.

**JROTC LET 2:** Leadership Education and Training (LET) 2: The Developing Leader is the second of four courses in the Army Junior Reserve Officers' Training Corps (JROTC) high school program. This course supports twenty-four lessons and is designed just for 2<sup>nd</sup> year cadets, (A Developing Leader). The 2<sup>nd</sup> year cadet is being introduced to the latest content that will help them develop as a leader in the program, the school, and the community.

**JROTC LET 3:** Leadership Education and Training (LET) 3: The Supervising Leader is the third of four courses in the Army Junior Reserve Officers' Training Corps (JROTC) program. This course supports twenty lessons and is designed for the mid-level cadet, a leader in the school, community, and the JROTC program. The JROTC program is designed to help develop strong leaders and model citizens. As a third-year Cadet, they will continue to build on Unit 1 and 2 knowledge and skills and find themselves being introduced to latest content that will help them develop their supervisory skills and abilities.

**JROTC LET 4:** Leadership Education and Training (LET) 4: The Managing Leader is the final of four courses in the Army Junior Reserve Officers' Training Corps (JROTC) program. This course supports twelve lessons and is designed and written just for the advanced level cadet, a leader in your school, community, and in the JROTC program. This JROTC program is designed to help develop strong leaders and model citizens. As a fourth-year Cadet, they will continue to build on the Units 1-3 knowledge and skills and find themselves being introduced to latest content that will help them continue to lead others in the battalion.

## Teaching Profession Pathway

**Examining the Teaching Profession:** This course provides an introductory look at becoming an educator. It covers the career paths in education, instructional planning, and the role of assessment as part of the teaching process. Students will investigate effective learning environments and analyze procedures and strategies to provide differentiated learning opportunities for all students.

**Contemporary Issues in Education:** This course provides an advanced look at becoming an educator. It covers school system enhancement, cultural influences on education, and multiple perspectives of education. Students will understand the meaning of education in diverse contexts and the morals and ethics connected to democracy in schools today.

**Teaching as a Profession Practicum:** Teaching as a Profession Practicum provides a real-life look at becoming an educator. It covers critical thinking and problem-solving skills, classroom management techniques, and philosophies connected to education. Students will demonstrate employability skills and the knowledge learned through the Teaching as a Profession Pathway. Upon completion of all three courses in the Teaching as a Profession pathway, students will have the opportunity to take an End of Pathway Assessment.

## Health and Human Services (H.H.S Academy)

### Therapeutic Service Pathway

**Introduction to Healthcare Science:** This course covers infection control, CPR/First Aid, and preventive health behaviors. Students will develop both employability and leadership skills. Introduction to Healthcare Science provides an introductory look at becoming a nursing assistant. Upon completion of all three courses in the Therapeutic Services/Patient Care Pathway, students will have the choice to take the End of Pathway Assessment.

**Essentials of Healthcare:** This course covers structure and functional organization of the body and disease investigation. Students will develop both employability and leadership skills. Essentials of Healthcare provides strengthening of skills for becoming a nursing assistant. Upon completion of all three courses in the Therapeutic Services/Patient Care Pathway, students will have the choice to take the End of Pathway Assessment.

**Patient Care Fundamentals:** This course is designed to provide students interested in the careers that involve patient care with entry level skills most associated with the career Nursing Assistant. The students are required to meet both national and intrastate professional guidelines as designated by applicable regulatory agencies such as the Occupational Health and Safety Administration (OSHA), Center for Disease Control (CDC), and the Department of Health and Human Services (HHS) with a specific focus on the Omnibus Budget Reconciliation Act of 1987 (OBRA) and the Health Insurance Portability and Accountability Act of 1996 (HIPAA). Upon completion of all three courses in the Therapeutic Services/Patient Care Pathway, students will have the choice to take the End of Pathway Assessment.

**Patient Care Technician:** This course provides students with the hands-on training required to become a career nursing assistant. Patient care technicians are medical professionals who provide daily care for patients. Under the supervision of a registered nurse or nursing team, they assist with taking vital signs, helping to move patients around a clinic, and more. Their goal is to make sure the patient feels comfortable and nurtured in a health care setting, by communicating any changes in the patient's medical condition and potential issues to the nurse. Upon completion of all three courses in the Therapeutic Services/Patient Care Pathway, students will have the choice to take the End of Pathway Assessment.

## Food Nutrition Pathway

**Food, Nutrition, and Wellness:** This is the first course in the Nutrition and Food Science pathway. This course covers eating behaviors, nutrition requirements, and factors that influence food choices. Students will learn how to prepare recipes following safety and sanitation practices. Food, Nutrition, and Wellness provides an introductory look at becoming a dietician or nutrition educator. Upon completion of all three courses in the Nutrition and Food Science pathway, students will have the opportunity to take an End of Pathway Assessment

**Food for Life:** This is the second course in the Nutrition and Food Science pathway. This course covers nutrition from prenatal development, early childhood, adolescence, and throughout adulthood. Students will learn the nutritional needs for each stage and how impacts development and growth. Food for Life provides an introductory look at becoming a clinical nutritionist or sports nutrition specialist. Upon completion of all three courses in the Nutrition and Food Science pathway, students will have the opportunity to take an End of Pathway Assessment.

**Food Science:** This is the third course in the Nutrition and Food Science pathway. This course covers the application of the rapid advances in technology and science to expand and improve our human food supply. Students will evaluate the effects of processing, preparation, and storage on the quality, safety, wholesomeness, and nutritive value of foods. Food Science provides an introductory look at becoming a food scientist or product developer. Upon completion of all three courses in the Nutrition and Food Science pathway, students will have the opportunity to take an End of Pathway Assessment.

## Science, Technology, Engineering, and Math (STEM Academy) Computer Science Pathway

**Intro to Software Technology (STEM Focus):** Introduction to Software Technology is the foundational course for Cloud Computing, Computer Science, Game Design, Internet of Things, Programming, Web and Digital Design, and Web Development pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in programming languages, software development, app creation, and user interfacing applications are all taught in a computer lab with hands-on activities and project-focused tasks.

**AP Computer Science Principles:** Computer Science Principles is the second course in the Computer Science pathway. This course covers digital artifacts, digital abstraction, and operation of the internet. Students will demonstrate employability skills and create computer programs. Computer Science Principles provides an intermediate look at becoming a professional in Information Technology. Upon completion of all three courses in the Computer Science pathway, students will have the opportunity to take an End of Pathway Assessment.

**AP Computer Science:** AP Computer Science A is the third course in the Computer Science pathway. Object-oriented programming is taught using the Java language, a language currently in wide use throughout the world. This course offers students opportunities to learn to problem-solve real-world problems and code programs that provide solutions to cross-curricular problems using concepts of math and logic. This course covers basics of programming, class development, arrays, loops, recursion, and sorting providing students with a broad background for later study. Upon completion of all three courses in the pathway, students will have the opportunity to take an End of Pathway Assessment.

## Engineering and Technology Pathway

**Foundations of Engineering:** This course covers engineering careers, safety, learning tools and machines, the engineering design process, and computer aided drafting. Students will participate in the use of hand and power tools, learn to use the design process to solve problems and use computer software to model objects in 3D. Foundations of Engineering and Technology teaches the fundamental ideas and principles necessary to take ideas and turn them into working prototypes. Upon completion of all three courses in the Engineering pathway, students will have the opportunity to take an End of Pathway Assessment.

### **Engineering Concepts**

The second pathway course continues many of the concepts learned in Foundations of Engineering. Students will begin designing their own projects from scratch using the Engineering Design Process to guide them. Engineering Concepts teaches students how to systematically troubleshoot issues that arise when designing prototypes. Upon completion of all three courses in the Engineering pathway, students will have the opportunity to take an End of Pathway Assessment.

**Engineering Applications:** The third and final Engineering pathway course focuses on teamwork, time management, communication, modeling, and prototype construction. Students will participate in various group projects that will require heavy use of teamwork and resource allocation. Engineering Applications teaches advanced use of technology, tools, and machines. Upon completion of all three courses in the Engineering pathway, students will have the opportunity to take an End of Pathway Assessment.

## Cybersecurity Pathway

**Intro to Hardware Technology:** Introduction to Hardware Technology is the foundational course for Information Support & Services, Networking, and Cybersecurity pathways. This course is designed for high school students to understand, communicate, and adapt to a digital world as it impacts their personal lives, society, and the business world. Exposure to foundational knowledge in hardware, IT support, networks, and cybersecurity are all taught in a computer lab with hands-on activities and project-focused tasks. Students will not only understand the concepts but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course.

**Introduction to Cybersecurity:** This course is designed for students to understand, communicate, and adapt to a digital world as it impacts their personal life, society, and the business world. Exposure to foundational knowledge in hardware, software, programming, web design, IT support, and networks are all taught in a computer lab with hands-on activities and project focused tasks. Students will not only understand the concepts but apply their knowledge to situations and defend their actions/decisions/choices through the knowledge and skills acquired in this course. Employability skills are integrated into activities, tasks, and projects throughout the course standards to demonstrate the skills required by business and industry. Various forms of technologies will be highlighted to expose students to the emerging technologies impacting the digital world. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are taught in this course as a foundational knowledge to prepare students to be college and career ready. The knowledge and skills taught in this course build upon each other to form a comprehensive introduction to the digital world.

**Advanced Cybersecurity:** This course is designed to provide students the advanced concepts and terminology of cybersecurity. The course explores the field of cybersecurity with updated content including new innovations in technology and methodologies. It builds on existing concepts introduced in Introduction to Cybersecurity and expands into malware threats, cryptography, organizational security, and wireless technologies. Various forms of technologies will be used to expose students to resources, software, and applications of cybersecurity. Professional communication skills will be used to expose students to resources, software, and applications of cybersecurity. Professional communication skills and practices, problem-solving, ethical and legal issues, and the impact of effective presentation skills are enhanced in this course to prepare students to be college and career ready. Advanced Cybersecurity is the final course in the Cybersecurity career pathway. Students enrolled in this course should have successfully completed Introduction to Digital Technology and Introduction to Cybersecurity.

## Global CTE Electives

**Examining the Teaching Profession:** This course provides an introductory look at becoming an educator. It covers the career paths in education, instructional planning, and the role of assessment as part of the teaching process. Students will investigate effective learning environments and analyze procedures and strategies to provide differentiated learning opportunities for all students.

**Financial Literacy:** 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 include sources of income, budgeting, banking, consumer credit, credit laws and rights, insurance, taxes, investment strategies, savings accounts, mutual funds, and the stock market, buying a vehicle, and living independently.

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**Work-Based Learning:** (WBL) helps students apply knowledge and skills learned in the classroom to real-life situations in the workplace. Students can earn elective course credit, as they work. To qualify for Work-Based Learning, students must be in grades 11 or 12 and at least 16 years old. Contact the Work-Based Learning Coordinator or a Counselor at your school for more information. ***(This course has an application and acceptance requirement. Schedules will be updated upon acceptance.)***

## Other Electives

**Peer Facilitation:** The SGHS Peer Leadership program endeavors to provide servant-leadership to the South Gwinnett High School community, as well as enhance the leadership skills of the students in the class. First semester is focused on theory (learning about leadership and its practices), while the second semester is focused on practice through various service-based projects. Because peer leaders serve as role models for the rest of the student body, they must exhibit a strong academic record, exemplary behavior, & have good attendance. In addition, peer leaders abide by strong ethical/moral standards and possess positive character traits, leadership qualities, and a strong set of personal values. Some of our projects include: assisting students with special needs, attending district conferences, running a Sources of Strength Program and its campaigns, South Pole Holiday Week, International Night, and more! Placement in the class is conditional upon instructor's approval. Interested students (11th & 12th grade ONLY) must complete an application. ***(This course has an application and acceptance requirement. Schedules will be updated upon acceptance.)***