

Smiths Station High School



2023-2024 Course Selection Guide

Please note, information contained in this Course Selection Guide is subject to change.

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Contact Information

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Assistant Principal (11th Grade)	Mr. Josh Johns	johns.josh@lee.k12.al.us
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Counselors		
12th Grade Counselor, Counseling Director	Mrs. Christy Delucca	delucca.christi@lee.k12.al.us
11th Grade Counselor	Mrs. Lisa Shores	shores.lisa@lee.k12.al.us
10th Grade Counselor	Mrs. Cathy Rowan	rowan.cathy@lee.k12.al.us
Additional School Contact Information		
SSHS Main Office Telephone: (334) 664-4060 SSHS Website: https://www.lee.k12.al.us/Domain/17 SSHS Facebook Page: https://www.facebook.com/SmithsStationHighSchool SSHS Instagram: https://www.instagram.com/smithsstationhighschool/		

Introduction - The Scheduling Process

Students/parents/guardians should consider course selections carefully, including electives (first choices and alternates) and [Honors, AP, and Dual Enrollment courses](#).

Every effort will be made to accommodate student requests. However, space and scheduling conflicts may not allow all of a student's requests to be filled. Priority when schedules are created are based on core classes and ensuring that students receive a [College and Career Readiness Indicator \(CCRI\)](#) prior to graduation.

Information regarding schedules will be sent to students' school email accounts and, when appropriate, on other school communication outlets (website, social media, phone calls, etc.)

Changes to schedules may not be possible, even prior to the schedule change deadline, due to scheduling conflicts and class availability.

Teachers are employed and materials are purchased based on course selections that students make in the Spring. Smiths Station High School will follow the procedures below to complete the scheduling process:

1. Students should read over this Course Selection Guide and discuss course offerings with their parent/guardian. Students are also encouraged to talk to their teachers about recommendations for courses for next year. A Course Selection Worksheet will also be provided to use as a guide for class selection. *If using the digital versions below, you will be prompted to make a copy of the document.
 - o [9th Grade Course Selection Worksheet](#)
 - o [10th Grade Form Course Selection Worksheet](#)
 - o [11th Grade Form Course Selection Worksheet](#)
2. Students should request guidance about graduation requirements, transcript evaluations, required courses, and recommended electives from their counselor or an administrator, if needed. Counselors and administration will be available to provide assistance as needed.
3. Students will receive instructions for entering their course requests into PowerSchool during Advisory on February 27th. All requests should be entered in PowerSchool by March 3rd.
4. After the request deadline on March 3rs, students will have to wait to make any changes until draft schedules are prepared and distributed.
5. **STUDENTS WHO DO NOT SUBMIT THEIR REQUESTS WILL FORFEIT THEIR OPPORTUNITY TO SELECT THEIR CLASSES.** They will be placed in classes based on classes required for graduation and availability of courses. There is no guarantee that schedule changes would be able to be made if a student does not submit their requests in PowerSchool.
6. Course selections will be checked to ensure that students have met prerequisites for their selected courses. Students can request to take 2 courses in sequence, with one scheduled for 1st semester and the other for the 2nd semester (if the school's master schedule allows for that. However, if a student does not meet required prerequisites

for a class, their request will be changed to reflect an equivalent class that they do qualify for.

7. Students will be able to access a **DRAFT** copy of their schedules, typically in early June.
 - Not all courses in the Course Selection Guide may ultimately end up being offered, nor can we guarantee that a student's selected courses will allow them to take all the courses that they have selected.
 - For core classes, if a student's choice is not available, the student will be contacted so that an alternate class can be selected.
 - For elective classes, students will be placed according to the selections that they enter in PowerSchool by grade level, starting with rising seniors, followed by rising juniors, then rising sophomores. Priority is also placed on students receiving a CCRI prior to graduation. When possible, students will be placed in their first choices, then alternates. However, if neither 1st choices or alternates are available, students will be placed into elective courses that have available space.
 - Understand that schedules that students access over the summer are DRAFT schedules - even if a schedule change is not requested, a student's schedule may change from the one that they first view online due to changes on the part of the school.
8. **Students will have the opportunity to make schedule changes until July 28th for electives and August 15th for core classes. Changes are not guaranteed, and are subject to availability and administrative approval. Students/parents/guardians will not be permitted to make any schedule changes after the deadlines, unless the school has made a mistake in the schedule. THIS INCLUDES DURING THE SEMESTER, OR DUE TO FAILING GRADES.** Deadlines for 2nd semester schedule changes will be announced in late 2023, but students are encouraged to go ahead and request those changes before the beginning of the year, as some classes are only offered during the 1st semester.
9. Schedule change request forms will be available online at the SSHS school website and via the school's official social media sites after draft schedules are distributed. Links will also be sent to students' school email accounts.
10. Schedule changes requesting a different teacher for the same course will not be considered.
11. Students who fail core classes from the previous year or semester with a grade below a 40 and who do not attend Summer School will be placed back in the failed course for the new school year. Students who fail a core class are strongly encouraged to complete credit recovery or summer school. Information regarding credit recovery can be found [HERE](#).

Curriculum Options

Honors Courses

Honors courses are designed for highly motivated students who will focus on improving writing, analysis, and overall comprehension skills. The courses will require a great deal of reading and writing, often outside of school hours. The courses will be rigorous and focus on preparing students for Advanced Placement courses, in which students may potentially obtain college credit or for Dual Enrollment courses. Students enrolling in Honors courses should be those who intend to enroll in subject-specific AP or Dual Enrollment courses later in their high school career. **Honors courses will carry an additional +0.50 quality point for grade weight purposes and 5 points on a numerical scale.**

Current Honors Courses offered at Smiths Station High School: [Honors English 10](#), [Honors Physical Science](#), [Honors Chemistry](#), [Honors Earth/Space Science](#), and [Honors US History 10](#)

Advanced Placement Courses

The Advanced Placement (AP) program is a national program sponsored by the [College Board](#), which allows students to complete college-level studies while still in high school and possibly obtain college placement or credit on the basis of their performance, qualifying scores of 3, 4, or 5, on Advanced Placement exams. Participation in the Advanced Placement program is often used as a criteria for academic scholarships and acceptance into some highly selective colleges and universities. **All Advanced Placement Exams carry an additional expense of approximately \$110 per exam (cost is set by the College Board and varies from year to year. These fees will be due during the term they are taken and must be paid to the College Board online). Students that qualify for the free/reduced lunch program may be able to receive a test fee reduction. All AP courses carry an additional grade weight of +1.00 quality point and 10 points on a numerical scale. Any student participating in an AP course at Smiths Station High School is required to take the AP Exam for each course in May of the current scholastic year and Student Study Session (SSS) may also be required for certain classes. Failure to take the AP Exam will result in the course not being weighted and the student being required to take the final exam for the course.**

Current Advanced Placement classes offered at Smiths Station High School: [AP English Language](#), [AP English Literature](#), [AP Computer Science Principles](#), [AP Computer Science A](#), [AP Statistics](#), [AP Calculus](#), [AP Biology](#), [AP Chemistry](#), [AP Environmental Science](#), [AP US History](#), [AP US Government and Politics](#), and [AP Microeconomics](#)

Dual Enrollment

Dual Enrollment courses are college courses that can be taken through accredited colleges that have signed a dual enrollment agreement with Lee County Schools. Students may take courses through [UA Early College through the University of Alabama](#), [Auburn First through Auburn University](#), [Troy University](#), [Southern Union](#), and/or [CVCC](#). These courses count for both high school and college credit. In most cases, students are able to take these classes at no cost. Students taking classes off campus should submit information about any fees (including tuition and books) to Mrs. Delucca in the guidance office so that payment can be arranged. Students must meet dual enrollment requirements specified by the college, including registration. Some dual enrollment courses must be taken on the college's campus and the student's schedule adjusted to give them time to take the class(es) there. Others may be offered on the SSHS campus, taught by SSHS teachers. Classes can be taken online and the student scheduled for time to complete the class online, or it can be completed independently at home, either during the school year or the summer. Not all colleges and universities accept dual enrollment credits. **It is the student's responsibility to check with the college they plan to attend to determine if credit will be accepted. All Dual Enrollment courses carry an additional grade weight of +1.00 quality point and 10 points on a numerical scale.**

Students must meet the following criteria to be eligible for dual enrollment:

1. Be in the 10th, 11th, or 12th grade
2. Have a 2.5 GPA or better in completed high school courses
3. Complete enrollment procedures at the college and be enrolled in approved college courses that are eligible class to count for high school credit
4. Have approval from an SSHS counselor and/or administrator to participate
5. Pass the class with a 70 or above and receive college credit, as well as high school credit.

The following courses may be offered on SSHS's campus through CVCC, if student interest/enrollment is high enough: [College Chemistry I \(CHEM 111\)](#), [College Chemistry II \(CHEM 112\)](#), [English Composition I \(ENG 101\)](#), [English Composition II \(ENG 102\)](#), [Pre-Calculus with Algebra and Trigonometry \(MTH 115\)](#), [Calculus and Its Applications \(MTH 215\)](#), [US History I \(HIS 201\)](#), [US History II \(HIS 202\)](#), and [Welding courses](#). Additional on-campus Dual Enrollment opportunities may become available, and if so, that information will be communicated. [Machining](#) classes are available through Southern Union and taught at the LC2 campus. The same dual enrollment criteria (including college enrollment procedures and payment of college tuition) applies as with off-campus dual enrollment.

If you are interested in Dual Enrollment opportunities, please contact:

Christy Delucca, Dual Enrollment Counselor

(334)664-4404

delucca.christi@lee.k12.al.us

Lee County Learning Center - LC2

The [Lee County Learning Center](#) is an option that provides a non-traditional learning environment where students attend school at the campus in Salem, AL to complete courses online. Certified teachers are available to monitor and assist as needed. This blended learning style allows students greater flexibility in their course load, including credit advancement for early graduation and credit recovery for highly motivated students. There is an application process for attending LC2, and several factors are considered when determining eligibility, such as GPA, attendance, and prior performance on virtual learning. Interested students should speak to their grade level counselor for more information.

Bus transportation is provided for students who are completing their coursework at LC2. LC2 students are eligible to participate in all SSHS activities that they meet the requirements for.

Shared Courses Between SSFC and SSHS

Some courses, including 9th grade core classes and elective courses, may be shared between the SSFC and the SSHS campuses. In the event that students will be taking a course at the SSFC campus, rather than the SSHS campus, bus transportation will be provided to/from the schools.

December Completion for Seniors

SSHS Seniors who obtain all of their required credits by the end of the first semester MAY be eligible to be a December Completer in order to have their schedule free in the second semester to do Dual Enrollment, work full or part time, enlist in the military, or do community service. **There must be documentation that the student has met at least one [College and Career Readiness Indicator](#).** Students who wish to complete their courses in December must schedule an appointment with the Senior Counselor, [C. Delucca](#), to discuss their eligibility, **and a permission form will have to be signed by the student's parent/guardian.** This meeting must happen before the 2nd week of school so that the student can be scheduled for all of their remaining required classes during the 1st semester. Students who choose to complete coursework on campus in December will still be able to participate in the regular Spring graduation ceremony and other school activities that they are eligible for.

Alabama High School Diploma Requirements

Course Requirements		
English Language Arts	Four credits to include:	Credits
	English 9 (General or Honors)	1
	English 10 (General or Honors)	1
	English 11 (General, AP, or approved Dual Enrollment)	1
	English 12 (General, AP, or approved Dual Enrollment)	1
Mathematics	Three credits to include:	Credits
	Geometry w/ Data Analysis	1
	Algebra I or Algebra I w/ Probability <small>*Students who took Grade 7 and Grade 8 Accelerated Mathematics are exempt from Algebra I, and must instead earn 2 credits from the list below. All students must take a math course each year of high school.</small>	1
	Algebra II w/ Statistics	1
	One credit from the following:	
	Applications of Finite Mathematics, Algebra w/ Finance, PreCalculus, AP Calculus, AP Computer Science Principles, AP Computer Science A, Exploring Computer Science, AP Statistics, Dual Enrollment PreCalculus w/ Algebra & Trigonometry, Dual Enrollment Calculus & Its Application	1
Science	Two credits to include:	Credits
	Biology (Honors or general)	1
	Physical Science (general Physical Science, Honors Physical Science, Chemistry, or Honors Chemistry)	1
	Two credits from the following:	
	Forensic Science, Environmental Science (general or AP), Earth/Space Science (general or Honors), Human Anatomy & Physiology, Chemistry (general, Honors, AP, or Dual Enrollment), Physics, or AP Biology	2
Social Studies	Four credits to include:	Credits
	World History (9th Grade - General or Honors)	1
	United States History I (10th Grade - General, Honors, or Dual Enrollment)	1
	United States History II (11th Grade - General, AP, or Dual Enrollment)	1
	United States Government (12th Grade - General or AP) <small>*Students are required to pass the Civics Test in order to receive credit</small> Economics (12th Grade - General or AP)	0.5 0.5
Physical Education	Beginning Kinesiology, or one JROTC credit. Pending state department approval, one semester of Band may also count towards this requirement	1
Health Education		0.5
Career Preparedness		1
Career and Technical Education (CTE) and/or Foreign Language** and/or Fine Arts Education <small>**2 Foreign Language courses in sequence are required for the Advanced Academic Endorsement</small>		3

General Electives (any category)	3.5
Total Credits	25

College and Career Readiness Indicator (CCRI)

The goal of Smiths Station High School is to produce students who are prepared for college and the workplace. SSHS graduates are classified as college and career ready (CCR) by the state of Alabama if they meet one or more of the following indicators:

1. Score at a Benchmark level on at least one subject on the [ACT](#)
 - English = 18
 - Reading = 22
 - Math = 22
 - Science = 23
 - ELA = 20
2. Score at the Silver level (4) or above on all 3 sections of the [ACT WorkKeys](#) assessment
3. Earn a qualifying score (3 or above) on an [Advanced Placement Exam](#)
4. Earn a [Career Technical Education credential](#)
5. Earn [Dual Enrollment credit](#) through a college or university with a final grade of C or better
6. Provide documentation of military enlistment
7. Earn 3 credits in one [Career Tech pathway](#) with a final grade of C or better in each course.
8. Complete a Youth Apprenticeship program (not currently offered at SSHS)

Scheduling priorities will be for students to have the opportunity to earn a CCRI before graduation. In order to participate in Cooperative Education or be a December completer as a senior, students must have their CCRI.

English/Language Arts Department

10th Grade Course Options

English 10

On-grade level course covering world literature, reading, writing, listening, speaking, viewing and presenting skills, vocabulary study, mechanics, grammar and usage, and spelling and study skills.

English 10, Honors (+5 point weight)

Recommended Prerequisites: C average or above in Honors English 9

Course Fee: Book fee may be required

Honors 10th grade English is an above grade-level survey of world literature. The goal of the class is to engage students in becoming skilled readers of complex texts and skilled writers who compose for a variety of purposes. Students will critically analyze literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students will also write with the intention of developing more effective and purposeful writing. The class is designed to prepare students who are planning to enter the AP or Dual Enrollment English courses in the 11th and 12th grades.

[More information regarding Honors English 10 can be found HERE](#)

11th Grade Course Options

English 11

On-grade level course covering American literature, reading, writing, listening, speaking, viewing and presentation skills, vocabulary study, mechanics, grammar and usage, and spelling and study skills.

AP English Language and Composition (+10 point weight)

Recommended Prerequisites: C average in Honors English 10 or A average in English 10
 Course Fee: AP Exam Fee (see [AP Section of Course Selection Guide](#)); Book fee may be required

The AP English Language and Composition course is designed to be like a college level class. There is an AP test in May to determine whether this class can take the place of freshman composition classes at a college or university. The course will retain the emphasis on American literature that 11th grade English classes currently have. Because AP Language and Composition places an emphasis on rhetorical strategies, students will expand their focus of literary conventions to include purpose, audience, subject, and effectiveness. **In addition to reading a variety of texts, students must be prepared for a great deal of reading and writing each week.** According to the College Board, the purpose of this course is “to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers.” **All students will be required to take the AP mock exam and the AP Exam in order to receive the weighted grade.**

College English Composition 1 (+10 point weight) - Dual Enrollment Course

Recommended Prerequisites: C average in Honors English 10 or A average in English 10
Required Prerequisites: see [Dual Enrollment Section of Course Selection Guide](#); a score of 20 or above on the Reading or English section of the ACT OR a score of 5 or above on the Accuplacer test (student will have to independently schedule this test on the CVCC campus)
 English Composition 1 provides instruction and practice in the writing of at least 5 extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I may include instruction and practice in library usage, and will retain the emphasis on 20th Century American literature that 11th grade English classes currently have. Juniors wishing to take English Composition I may take English Composition II as a senior. [More information regarding Dual Enrollment English can be found HERE.](#)

12th Grade Course Options

English 12

On-grade level course covering British literature, reading, writing, listening, speaking, viewing and presentation skills, vocabulary study, mechanics, grammar and usage, and spelling and study skills

AP English Literature and Composition (+10 point weight)

Recommended Prerequisites: C average in AP English Language or Dual Enrollment English 101; or A average in English 11

Course Fee: AP Exam Fee (see [AP Section of Course Selection Guide](#)); Book fee may be required

AP English Literature and Composition is a college level course that offers students a survey of American, world, and British literature. Students should anticipate extensive reading and composition assignments with emphasis on literary analysis in preparation for the Advanced Placement Exam. Standard components such as vocabulary, research, and textual knowledge will also figure heavily into the course. Students who take this course must be self-motivated and demonstrate a developed sense of critical thinking and the ability to perform under time constraints. **All students will be required to take the AP mock exam and the AP Exam order to receive the weighted grade.**

[More information about AP English Literature and Composition can be found HERE](#)

College English Composition I & II (+10 point weight per course) - Dual Enrollment

Courses (students must sign up for both courses if they have not already received credit for English Composition I or a qualifying AP Language Exam score)

Recommended Prerequisites: C average in AP English Language or A or B average in English 11

Required Prerequisites: [see Dual Enrollment section of Course Selection Guide](#); a score of 20 or above on the Reading or English section of the ACT OR a score of 5 or above on the Accuplacer test (student will have to independently schedule this test on the CVCC campus) Seniors wishing to take English Composition I and II will take English Composition I one nine weeks, followed by English Composition II the following nine weeks. English Composition 1 provides instruction and practice in the writing of at least 5 extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition II provides instruction and practice in the writing of 5 formal analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Both English Composition courses may include instruction and practice in library usage, and will retain the emphasis on British literature that 12th grade English classes currently have. [More information regarding Dual Enrollment English can be found HERE.](#)

College English Composition II (+10 point weight) - Dual Enrollment Course

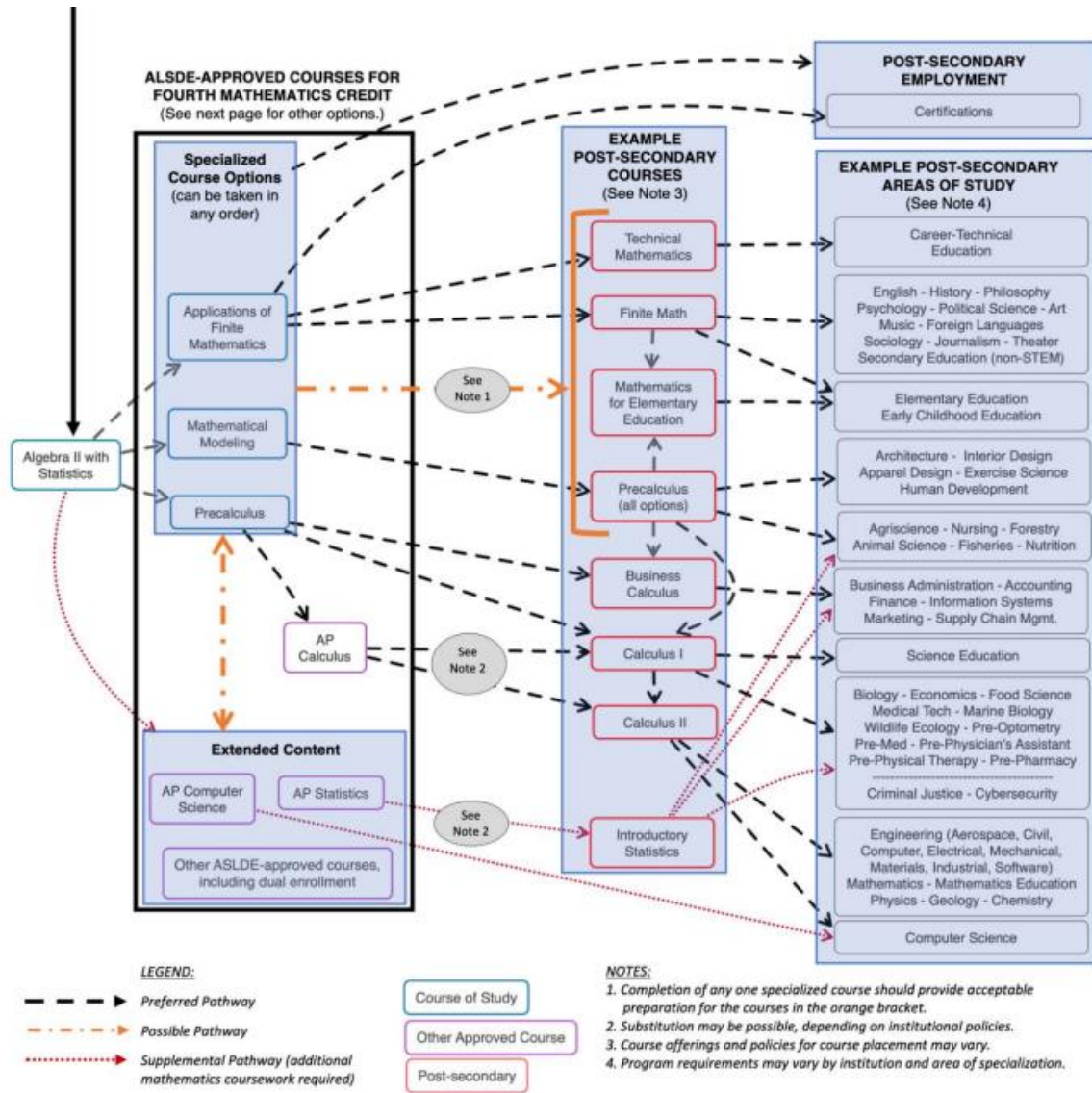
Required Prerequisites: Grade of C or better in English Composition I or a qualifying AP Language Exam score; see [Dual Enrollment section of Course Selection Guide](#)

English Composition II provides instruction and practice in the writing of 5 formal, analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library usage, and will retain the emphasis on British literature that 12th grade English classes currently have. [More information regarding Dual Enrollment English can be found HERE.](#)

Mathematics Department

Alabama adopted a new Math Course of Study in 2020. All students are required to take Geometry w/ Data Analysis, Algebra I w/ Probability (unless the student took both Accelerated Math Grade 7 AND Grade 8), and Algebra II w/ Statistics, followed by a specialized math class. See the diagram below for information on specialized classes.

*Students can take 2 math classes in a year (1 per semester) if they wish to accelerate their Math courses. However, one math class must be taken each year of high school, regardless of how many math credits they have.



Course Options

Algebra I with Probability

Required Prerequisites: successful completion of Geometry with Data Analysis
Algebra I with Probability builds upon algebraic concepts studied in earlier math courses. It provides students with the necessary knowledge of algebra and probability in everyday life and in the subsequent study of mathematics.

Algebra II with Statistics

Required Prerequisites: successful completion of Geometry with Data Analysis and Algebra I with Probability OR successful completion of Grade 7 AND Grade 8 Accelerated Mathematics

Algebra II with Statistics builds on the students' experience in previous mathematics in Geometry and Algebra I. It sets the stage for continued study of topics specific to the student's interests beyond high school.

*This course is required for graduation

Applications of Finite Mathematics

Required Prerequisites: successful completion of Algebra II with Statistics

Applications of Finite Mathematics provides students with the opportunity to explore math concepts related to discrete mathematics and their application to computer science and other fields and includes areas of study that are critical to the fast-paced growth of a technologically advancing world. The wide range of topics in Application of Finite Mathematics includes logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Logic includes recognizing and developing logical arguments and using principles of logic to solve problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems, then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use math structures to represent real world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision making so that they recognize the power of math in shaping society.

Algebra with Finance

Required Prerequisites: successful completion of Algebra II with Statistics

Algebra with Finance is a college and career preparatory course that integrates algebra, precalculus, probability and statistics, calculus and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level.

Exploring Computer Science

Required Prerequisites: successful completion of Algebra I w/ Probability; if taking this course as a 4th math credit, students must have successfully completed Algebra II with Statistics

Exploring Computer Science is an introductory computer science course focused on foundational computer science concepts and computational practices. Students will be introduced to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development and problem solving within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues. Exploring Computer Science is designed to be a college preparatory high school course and thus, should provide a rigorous, but accessible, introduction to computer science. No previous computer science experience is required.

AP Computer Science Principles (+10 point weight)

Recommended Prerequisites: Completion of Algebra I

Course Fee: AP Exam Fee (see [AP Section of Course Selection Guide](#))

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. **All students will be required to take the AP Exam in May in order to receive the weighted grade.**

AP Computer Science A (+10 point weight)

Recommended Prerequisites: Completion of Algebra I

Course Fee: AP Exam Fee (see [AP Section of Course Selection Guide](#))

AP Computer Science A is an introductory college-level computer science course. This course introduces you to the concepts and tools of computer science as you learn the Java programming language. You'll do hands-on work to design, write, and test computer programs that solve problems or accomplish tasks.

Skills you'll learn: Designing a program, developing the algorithms it needs, and writing code to implement them; testing program code and correcting errors; and documenting and explaining how program code works. **All students will be required to take the AP Exam in May in order to receive the weighted grade.**

PreCalculus (+5 point weight)

Prerequisites: Successful completion of Algebra II w/ Statistics is required, with a B average or above recommended

This course is considered to be a prerequisite for success in Calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the PreCalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also features an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction should include appropriate use of technology to facilitate continued development of students' higher-order thinking skills.

College PreCalculus Algebra & Trigonometry (+10 point weight) - Dual Enrollment Course

Prerequisites: Successful completion of Algebra II w/ Statistics is required, with a B average or above recommended. See [Dual Enrollment section of the Course Selection Guide](#). CVCC requires a score of 18 or above on the Math section of the ACT OR a score of 267 on the Accuplacer test (student will have to independently schedule this test on the CVCC campus)

This course is a one semester combination of PreCalculus Algebra and PreCalculus Trigonometry intended for superior students. The course covers the following topics: the algebra of functions (including polynomial, rational, exponential, and logarithmic functions), systems of equations and inequalities, quadratic inequalities, and the binomial theorem, as well as the study of trigonometric (circular functions) and inverse trigonometric functions, and includes extensive work with trigonometric identities and trigonometric equations, vectors, complex numbers, DeMoivre's Theorem, and polar coordinates.

[More information about Dual Enrollment PreCalculus can be found HERE](#)

AP Statistics (+10 point weight)

Prerequisites: Successful completion of Algebra II w/ Statistics is required, with a C average or above recommended

Course Fee: AP Exam Fee (see [AP Section of Course Selection Guide](#))

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for statistics; this course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The course includes 4 broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. This course is designed to prepare students to take the Advanced Placement examination at the AB level in the spring, which provides the opportunity to earn up to one semester of college credit in a one-semester introductory college statistics course. This course requires mastery of a graphing calculator. **A TI-84 or TI-nspire calculator is preferred. All students will be required to take the AP Exam in May in order to receive the weighted grade.**

[More information about AP Statistics can be found HERE](#)

AP Calculus AB (+10 point weight)

Prerequisites: Successful completion of PreCalculus (regular or Dual Enrollment) is required, with a B average or above recommended

Course Fee: AP Exam Fee (see [AP Section of Course Selection Guide](#))

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for Calculus; this is the study of limits, differentiation, integration, and their applications. Students will explore all types of functions both with and without the graphic calculator. This course is designed to prepare students to take the Advanced Placement examination at the AB level in the spring, which provides the opportunity to earn up to one semester of college credit in college calculus. **All students will be required to take the AP Exam in May in order to receive the weighted grade.**

Calculus and Its Applications (+10 point point weight) - Dual Enrollment Class

Prerequisites: Successful completion of Dual Enrollment PreCalculus (MTH 115) is required, with a B average or above recommended. See [Dual Enrollment section of the Course Selection Guide](#).

This course is intended to give a broad overview of calculus. It includes limits, differentiation, and integration of algebraic, exponential, logarithmic, and multi-variable functions with applications to business, economics, and other disciplines. This course may also include LaGrange multipliers, extrema of functions of two variables, method of least squares, linear approximation, and linear programming.

Science Department

Course Options

Physical Science

Course Fee: \$5 lab fee

This course emphasizes non-living processes including: scientific process and application skills; the periodic table; solutions; bonding; chemical formulas; physical and chemical changes; gravitational, electromagnetic, and nuclear forces; motion; energy and energy transformation; electricity and magnetism; nuclear science; and metric units.

Honors Physical Science (+5 point weight)

Recommended Prerequisites: C or above average in Honors Biology and/or 8th Grade Honors Physical Science OR A or above average in Biology

Course Fee: \$10 lab fee

Advanced inquiry-based course with engineering design integration providing investigation of the basic concepts of chemistry and physics, including matter and its interactions, motion and stability, energy, waves and information technologies. [More information about Honors Physical Science can be found HERE.](#)

Chemistry

Recommended Prerequisites: C or above average in Honors Biology and/or Honors Physical Science OR A or above average in Biology and Physical Science; strong math skills and work ethic are highly recommended - this is an advanced level class

Course Fee: \$10 lab fee

General chemistry is a hands-on laboratory class that deals with the way atoms are composed and how they interact. It is an investigation of empirical concepts central to biology, earth science, environmental science, and physiology; in-depth investigations on the properties and interactions of matter, concentration of forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life. This course is designed to prepare you for a first semester college level course and is taught closely to the level of a college prep course. This course is math heavy and involves a large amount of algebraic rearranging of equations as well as unit conversions.

Honors Chemistry (+5 point weight)

Recommended Prerequisites: Successful completion of Honors Biology and/or Honors Physical Science with a B average or better

Course Fee: \$20 lab fee

The Honors curriculum differs from the regular curriculum in meaningful ways. The Honors course places a higher priority on developing critical thinking skills by examining real world problems. The Honors curriculum examines topics with more depth and includes more advanced resource material in addition to the adopted text. Laboratory investigations play a more prominent role in the Honors course. Labs are more sophisticated than in the regular curriculum and students are expected to design and carry out experiments using appropriate methods and resources. **This is a first year Honors chemistry course designed to meet the needs of the student who plans on continuing to AP or Dual Enrollment Chemistry and/or AP Biology or AP Environmental Science.** Students may not receive credit for both regular Chemistry and Honors. [More information about Honors Chemistry can be found HERE.](#)

Environmental Science

Course Fee: \$5 lab fee

Study of natural resources, natural hazards, human impacts on Earth systems and global climate change; design engineering solutions to solve various problems affecting Earth and its environment.

Forensic Science

Course Fee: \$15 lab fee

Forensic Science is an interdisciplinary science course that includes the topics of evidence collection, documentation, and analysis; crime scene and crime scene processing; toxicology; anthropology; document analysis; entomology; blood spatter analysis; and DNA analysis. Independent case study readings (some may be of a sensitive nature) and written analysis are integral parts of this class. Laboratory investigations will be used to reinforce concepts.

Students may not repeat this course if they previously earned an elective credit for it at SSFC.

Human Anatomy and Physiology

Recommended Prerequisites: C or above average in Honors Biology and/or Chemistry (regular or Honors); This is an advanced level course - strong science skills, memorization, and work ethic are STRONGLY recommended

Course Fee: \$20 lab fee

Study of structure and function of human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in an organism; how personal choices, environmental factors, and genetic factors affect the human body.

Earth and Space Science

Course Fee: \$5 lab fee

This course concentrates on the Earth's composition and resources. From there, students will study space and extraterrestrial bodies. This course revisits some physical science objectives. Topics include the weather, change over time, and explorations.

Honors Earth and Space Science (+5 point weight)

Recommended Prerequisites: B average or above in previous Science classes

Course Fee: \$15 lab fee

Advanced, comprehensive application of all science disciplines with focus on concepts of the universe and its stars, Earth and the solar system, history of the planet Earth, Earth's materials and systems, plate tectonics, large-scale system interactions, the roles of water in Earth's surface processes, weather and climate, and biogeology; includes integration of engineering and technology.

Physics (+5 point weight)

Recommended Prerequisites: C or above average in Chemistry (regular or Honors) and Algebra II w/ Statistics; this is an advanced level course - strong math skills and work ethic are highly recommended

Course Fee: \$20 lab fee

Designed to build on previous college preparatory science and math courses, students learn how the laws of physics are applied to natural occurrences requiring the application of advanced mathematics skills. This course blends hands-on laboratory with lecture and problem solving.

AP Chemistry (+10 point weight)

Recommended Prerequisites: Completion of Honors Biology and Honors Chemistry with a B average or higher; previous or concurrent enrollment in PreCalculus (regular or Dual Enrollment); see [AP Section of Course Selection Guide](#) for more information

Course Fee: \$30 lab fee; AP Exam Fee

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for chemistry. This course is designed to be the equivalent of the general chemistry course usually taken during a student's first college year. For some students, this course enables them to undertake, as college freshmen, second-year work in the chemistry sequence at their institution or to register for courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. Topics covered include: atomic theory and structure, chemical bonding, nuclear chemistry, gasses, liquids and solids, solutions, reaction types, stoichiometry, equilibrium, kinetics, and thermodynamics. **All students will be required to take the AP Exam in May in order to receive the weighted grade.**

College Chemistry I (+10 point weight) - Dual Enrollment Class (CHEM 111)

Prerequisites: Successful completion or concurrent enrollment in Dual Enrollment PreCalculus (MTH 115) is required. While it is recommended that students have completed Honors Chemistry prior to this course, it is not a requirement. Students can take this course as their first Chemistry credit ONLY if they have met the math requirement and admissions requirements for CVCC. See [Dual Enrollment section of the Course Selection Guide](#).

Course Fee: \$30 lab fee

This course is the first general chemistry course usually taken during the first college year for the science or engineering major who is expected to have a strong background in mathematics. Topics in this course include measurement, nomenclature, stoichiometry, atomic structure, equations and reactions, basic concepts of thermochemistry, chemical and physical properties, bonding, molecular structure, gas laws, kinetic-molecular theory, condensed matter, solutions, colloids, and some descriptive chemistry topics.

College Chemistry II (+10 point weight) - Dual Enrollment Class (CHEM 112)

Prerequisites: Successful completion of College Chemistry I (CHEM 111) and Dual Enrollment PreCalculus (MTH 115) is required. See [Dual Enrollment section of the Course Selection Guide](#).

Course Fee: \$30 lab fee

This is the second course in the general chemistry sequence designed primarily for the science and engineering student who is expected to have a strong background in mathematics. Topics in this course include chemical kinetics, chemical equilibria, acids and bases, ionic equilibria of weak electrolytes, solubility product principle, chemical thermodynamics, electrochemistry, oxidation-reduction, nuclear chemistry, an introduction to organic chemistry and biochemistry, atmospheric chemistry, and selected topics in descriptive chemistry including the metals, nonmetals, semi-metals, coordination compounds, transition compounds, and post-transition compounds.

AP Environmental Science (+10 point weight)

Recommended Prerequisites: Successful completion of Algebra I w/ Probability with a B average or better; completion of Honors Biology and Chemistry (regular or Honors) with a B or higher. See [AP section of Course Selection Guide](#).

Course Fee: \$30 lab fee; AP Exam Fee

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for environmental science. The goal of AP Environmental Science is to provide you with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. **All students will be required to take the AP Exam in May in order to receive the weighted grade.** [More information about AP Environmental Science can be found HERE.](#)

AP Biology (+10 point weight)

Prerequisites: Successful completion of Biology (regular or Honors) and Chemistry (regular or Honors) is required. It is recommended that students have successfully completed Honors Biology and Chemistry with a B or higher. See [AP section of Course Selection Guide](#)

Course Fee: \$30 lab fee; AP Exam Fee

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for biology. The AP Biology course is designed to be the equivalent of a college-level biology course. The intent of the course is to expose students to higher-level biological principles, concepts, and skills and allow them the opportunity to apply their knowledge to real-life applications. Rather than learning from micro-level outward, students learn from a macro-level inward. Students are also expected to learn not by memorization of facts, but through content and concept application via the AP Biology practices. **All students will be required to take the AP Exam in May in order to receive the weighted grade.** [More information about AP Biology can be found HERE](#)

Social Studies Department

10th Grade Course Options

US History I: Grade 10

Tenth grade US History covers the historic development of American ideas of institutions from the Age of Exploration to 1900. The course provides students with a basic knowledge of American culture through a chronological survey of major issues, movements of people, and events in American history.

US History I, Honors: Grade 10 (+5 point weight)

Recommended Prerequisites: 80 or above average in World History (regular or Honors)

This course is designed to give students a firm knowledge in the chronology of United States history and major interpretive questions that derive from the study of selective themes. Students will learn to assess historical materials - their relevance to given interpretive problems, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship. This course is designed to prepare students to enroll in the AP US History course in the 11th grade. [More information about Honors US History 10 can be found HERE.](#)

College United States History 201 (+10 point weight) - Dual Enrollment Course

Prerequisites: Overall B average in previous History classes is recommended. Students must meet requirements found in the [Dual Enrollment section of the Course Selection Guide.](#)

This course covers the required standards of US History 10, surveying United States history during colonial, Revolutionary, early national and antebellum periods. It concludes with the Civil War and Reconstruction, combined with the needed standards to earn college credit for United States History 201. This class has a strong focus on reading and writing in order to meet the college-level standards. [More information about Dual Enrollment United States History can be found HERE.](#)

*Students who did not take this course as their 10th grade History class can take it as a 11th or 12th grader as an elective for Dual Enrollment credit

11th Grade Course Options

US History II: Grade 11

This course continues the study of United States history from the 10th grade. The 11th grade course focuses on the 20th century and beyond. Knowledge and understanding gained during previous years of study provide foundation for the critical analysis required in this course.

AP US History (+10 point weight)

Recommended Prerequisite: Successful completion of Honors US History 10 or Dual Enrollment US History 201 with a C or above average; see [AP section of Course Selection Guide](#)

Course Fee: AP Exam Fee

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for United States History. This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and material in United States History. This course continues the study begun in the 10th grade and carries through to present times. **All students will be required to take the AP Exam in May in order to receive the weighted grade.** [More information about AP US History can be found HERE.](#)

College United States History 202 (+10 point weight)

Prerequisites: Successful completion of Honors US History 10 or Dual Enrollment US History 201 with a C or above average is recommended. Students must meet requirements found in the [Dual Enrollment section of the Course Selection Guide](#).

This course covers the required standards of US History 11, surveying US History from the Reconstruction era to the present, combined with the needed standards to earn college credit for United States History 202. This class has a strong focus on reading and writing in order to meet the college-level standards. [More information about Dual Enrollment United States History can be found HERE.](#)

*Students who did not take this course as their 11th grade History class can take it as a 12th grader as an elective for Dual Enrollment credit

12th Grade Course Options

12th Grade Students must take BOTH Government AND Economics (unless they have already received credit for one of the courses)

US Government (½ credit course)

United States Government incorporates broad theoretical and practical definitions of US Government.

Economics (½ credit course)

Economics incorporates a student of comparative economics, economic theory, and consumer economics. It provides students with detailed knowledge in the workings of modern-day economic systems, in particular the American capitalist system.

AP US Government and Politics (1 credit course, +10 point weight)

Recommended Prerequisite: Successful completion of AP US History or Dual Enrollment 11th Grade US History; see [AP section of Course Selection Guide](#)

Course Fee: AP Exam Fee

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for US Government and Politics. This class is an introductory college-level course designed to prepare students to successfully complete the AP Exam in May. AP Government will give students an analytical perspective on government and politics in the United States. Students will become familiar with a variety of theoretical perspectives and explanations for political behaviors and outcomes. Topics covered throughout the course include: constitutional foundations, political parties and interest groups, the mass media and politics, government institutions, public policy, and civil liberties. This course is for the student who desires an in-depth study of American politics and government in an analytical format. **All students will be required to take the AP Exam in May in order to receive the weighted grade. Students must also select AP Microeconomics to complete the 12th grade Social Studies requirements.** [More information about AP US Government can be found HERE.](#)

AP Microeconomics (1 credit course, +10 point weight)

Recommended Prerequisite: Successful completion of AP US History or Dual Enrollment 11th Grade US History; see [AP section of Course Selection Guide](#)

Course Fee: AP Exam Fee

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for microeconomics. AP Microeconomics examines the basic principles of a capitalist economic system. Topics studied include: scarcity; the nature of economic systems; opportunity costs and production possibilities; supply, demand, and price concepts; the nature of factor markets; efficiency, equality, and the role of government; gross national product; inflation; unemployment; money and banking; and monetary policy. **All students will be required to take the AP Exam in May in order to receive the weighted grade. Students must also select AP US Government to complete the 12th grade Social Studies requirements.** [More information about AP Microeconomics can be found HERE.](#)

Fine Arts Department

Vocal Music Options

Mixed Chorus I (Beginning Choir)

Course Fee: \$20

Students participating in Mixed Chorus I (Beginning Choir) will be involved in a variety of musical experiences that will include classroom instruction, field trips, and performances. There will be instruction in beginning music theory, meter rhythm, vocal production, and sight-reading/ear training. Some songs in foreign languages will be sung. There is no prerequisite musical training required for this course, but there will be an audition to determine voice range and ability to match pitch. There will be at least 2 major performances that will be required to pass the course. These performances will require some after-school rehearsals.

Mixed Chorus II (Intermediate Choir)

Required Prerequisite: successful completion of Mixed Chorus I; evaluation by the [Choral Director](#)

Course Fee: \$20

This class will sing music of a higher degree of difficulty than Beginning Choir. There will be additional instruction in intermediate theory, sight-reading/ear training, and advanced vocal production. This class will sing a few of their songs in foreign languages. There will be several competitions for this choir throughout the semester, and these will necessitate some after-school rehearsals. Students may take Choir both semesters if they meet the prerequisites.

Mixed Chorus III (Advanced Chorus)

Required Prerequisite: successful completion of Mixed Chorus I and II, [Choral Director](#) approval

Course Fee: \$20 per semester

Students can take this class 1 semester for 1 credit or all year for 2 credits

This course is a continuation of Mixed Chorus I and II with additional instruction in intermediate theory, sight-reading/ear training, and advanced vocal production. Some songs will be sung in foreign languages. There will also be some choreography of movement in productions. Productions and competitions throughout the year will necessitate some after school rehearsals.

Chamber Choir

Required Prerequisites: One previous Choir credit and in-dept audition for [Choir Director](#);
 Course Fee: \$30 per semester

This class should be taken both semesters (for 2 credits) unless approved by the choir director for only 1 semester (1 credit)

This course is an AUDITION ONLY COURSE. Auditions will be conducted in Spring of each year for the next year's class. Students will have to sing from memory all of the songs performed. There will be some a cappella singing. Students in this course will be expected to perform in many competitions and performances throughout the year. Special instructions will be given for All State Choirs, Solo and Ensemble competitions, and college auditions.

Instrumental Music Options

Concert and Marching Band

Required Prerequisites: Band Director approval. Contact [G. Butler](#) for information

Course Fee: An annual band fee of \$250 is required

Band is a year-round activity at SSHS. Students will take Marching Band in the Fall and Concert Band in the spring (1 credit each, 2 credits total for the year), unless approved for 1 semester only by the band director. Students must successfully audition to become a part of the band program. Activities will include marching band (performing for football games, marching contests, parades, etc) and concert band (performing for concerts, school events, and concert evaluations). Instruction will include playing instruments, understanding various elements of music, study of composition and history as it relates to the literature that you will be performing, characteristic tone on your specific instrument, intonation, and balance. Please see the [SSHS Band Website](#) for additional information.

*Students who are selected for Color Guard will sign up for Marching Band ONLY, which will be 1st semester.

Performing Arts Options

Theatre I

This 10th grade course explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre. Students may not repeat this course if it was taken at SSFC.

Technical Theatre

Required Prerequisites: Students must complete a class application, pass the class interview, and instructor approval. It is recommended that students have completed Intro to Theatre, but this can be waived with director approval. Contact [Theatre Director](#) for more information.

Students should take theatre both semesters (1 credit per semester, 2 credits total) unless approved for only 1 semester by the Theatre Director

For the students who would rather work “behind the scenes,” these courses are advanced level theatre courses for those students serious about being trained in various aspects in the area of technical theatre including set construction, paint techniques, lighting, sound, and theatre management. Students will be responsible for designing and constructing several productions as well as serving as the technical staff for many events during the year. For more information about the SSHS Department of Theatre, you can visit the [website](#).

Theatre - Acting

Required Prerequisites: All students MUST complete a class application and pass the class audition. All students must have the approval of the theatre director to be added to this class. It is preferred that students have completed Intro to Theatre, but this requirement can be waived with approval. For information about the application and audition, contact [Theatre Director](#).

Students should take theatre both semesters (1 credit per semester, 2 credits total) unless approved for only 1 semester by the Theatre Director

This advanced theatre course is designed for the student actor and performer. The course will cover a wide range of acting techniques from basic to advanced, as well as professional audition techniques and production practices. Students in this course will also produce class productions that will put into practice the skills learned throughout the year. For more information about the SSHS Department of Theatre, you can visit the [website](#).

Visual Arts Options

Visual Arts I

Course Fee: \$30

This course is designed for students interested in visual arts. The first half of the term focuses on art theory and observational drawing fundamentals. Students will take notes, practice writing and speaking about art, practice a range of creative thinking exercises, and practice drawing a range of 3-dimensional subjects incorporating compositional techniques. The second half of the course will build on these skills, while also introducing new materials and techniques. Students will explore drawing, painting, and sculpture. Students will be evaluated on completion of projects, mastery of skills, written tests, writing assignments, and homework.

Graphic Design I (Drawing)

Required Prerequisites: Successful completion of Visual Arts I with an 80 or above average (either a previous year or 1st semester); all fees from previous art classes must be paid prior to enrollment in an additional art class

Course Fee: \$30

Elements and principles of design; problem solving using a variety of media and techniques; elements and principles of design; aesthetics; criticism and art history; evaluation of artwork. Safe practices and proper use of tools, equipment, and materials are emphasized.

2-Dimensional Design I (Painting)

Required Prerequisites: Successful completion of Visual Arts I with an 80 or above average (either a previous year or 1st semester); all fees from previous art classes must be paid prior to enrollment in an additional art class

Course Fee: \$40

Two-dimensional design; problem solving using a variety of media and techniques; elements and principles of design; aesthetics; criticism and art history; evaluation of artwork. Safe practices and proper use of tools, equipment, and materials are emphasized.

3-Dimensional Design I (Sculpture, Ceramics, and Pottery)

Required Prerequisites: Successful completion of Visual Arts I with an 80 or above average (either a previous year or 1st semester); all fees from previous art classes must be paid prior to enrollment in an additional art class

Course Fee: \$45

Three-dimensional design; problem solving using a variety of media and techniques; elements and principles of design; aesthetics; criticism and art history; evaluation of artwork. Safe practices and proper use of tools, equipment, and materials are emphasized.

3-Dimensional Design II (Advanced Sculpture, Ceramics, and Pottery)

Required Prerequisites: Successful completion of 3-Dimensional Arts I with an 80 or above average (either a previous year or 1st semester); all fees from previous art classes must be paid prior to enrollment in an additional art class

Course Fee: \$45

Intermediate work in three-dimensional design; problem solving using a variety of media and techniques; elements and principles of design; aesthetics; criticism and art history; evaluation of artwork. Safe practices and proper use of tools, equipment, and materials are emphasized.

Foreign Language Department

Note: Extensive memorization will be required at each level of language learning.

Students can take 2 sections of Foreign Language a year (1 each semester), if available, provided that they meet the prerequisites.

Spanish Options

Spanish I

This course is an entry level Spanish course for the student who desires to learn the language. It provides a foundation in listening, speaking, reading, and writing in the target language. Greatest emphasis is placed on listening and speaking along with the basic present tense grammatical structures, which will make communication possible. Students will learn vocabulary related to self, home, family, school, food, sports, and well being. Students will also be introduced to basic facts about the Hispanic world, along with an introduction to related geography.

Spanish II

Required Prerequisite: Successful completion of Spanish I

Spanish II is a continuation and refinement of the skills learned in Spanish I. It completes the basic survey of Spanish grammar begun in the first year. Listening and speaking actively continues along with greater emphasis on reading and writing. Grammar concepts are studied in depth and practiced. Study of the various aspects of Hispanic culture and geography continues.

Spanish III (+5 point weight)

Required Prerequisite: Successful completion of Spanish II, with a grade of 85 or above recommended

Spanish III is a continuation and refinement of the skills learned in Spanish I & II. It continues the Spanish grammar learning in the first and second year and introduces the past and future tenses. Listening and speaking actively continues with a greater emphasis on reading and writing. Grammar concepts are studied in depth and practiced. Themes studied will be vacations, pastimes, shopping, traveling by plane and routines. Study of the various aspects of Hispanic culture and geography continues.

Spanish IV (+5 point weight)

Required Prerequisite: Successful completion of Spanish III, with a grade of 85 or above recommended

Spanish IV is a continuation and refinement of the skills learned in Spanish III. It continues the Spanish grammar learned in Levels 1, 2, and 3. Listening and speaking actively continues with a greater emphasis on reading and writing. Grammar concepts are studied in depth and practiced. Themes studied will be traveling by train, dining out, celebrations, technology, lodging, and the comparison between urban and rural life. Expansion of the various aspects of Hispanic culture and geography continues.

French Options**French I**

Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of French-speaking cultures

French II

Required Prerequisite: Successful completion of French I 1st semester

French II is a continuation and refinement of the skills learned in French I. It completes the basic survey of French grammar begun in the first year. Listening and speaking actively continues along with greater emphasis on reading and writing. Grammar concepts are studied in depth and practiced. Study of the various aspects of French culture and geography continues.

Career Tech Department

Students have several ways to earn a [College and Career Readiness Indicator \(CCRI\)](#) through the Career Tech Department. One option is to take 3 courses in the same pathway and make a C or above in each of those classes. In some cases, more than 1 of the classes can or should be taken during the same academic year, while for some pathways, once the foundation/beginning class is taken, the other courses can be taken at any time. Another option is to earn an industry recognized credential through a course. Additionally, several of our Career Tech classes have [Dual Enrollment](#) courses attached to them, some on-campus and some off-campus. The chart below outlines the different career tech pathways available at SSHS and the CCRI's that are available in each. Please see each course's description for class descriptions, prerequisites, or fees associated with it. Ensuring that a student has a CCRI prior to graduation will be a prioritizing factor in scheduling.

In order to participate in [Cooperative Education](#) (off-campus work-based experience) their senior year, they must have completed at least 2 courses in a career tech pathway AND have CCRI (can come from any of the 7 options to receive).

Pathways	Courses Available	Credentials Available
Agriculture Construction	Agriscience Intro to Agriculture Construction	Quality Beef Assurance
Animal Science	Agriscience Intro to Animal/Dairy Science Intro to Veterinary Science	Quality Beef Assurance Elanco Veterinary Medical Applications Certification
Automotive	Maintenance and Light Repair A, B, C, and D (A/B taken together 1 academic year, C/D taken together the following academic year)	ASE Student Certification in Maintenance and Light Repair (cannot be done until in C/D courses)
Business	Career Preparedness Business Software Applications I Business Software Applications II	Microsoft Office Specialist <ul style="list-style-type: none"> ● Word 2019 ● Word Expert ● PowerPoint ● Excel ● Excel Expert ● Access Expert

Education	Education & Training Teaching I Teaching II (Teaching I & II should be taken together in 1 academic year)	
	Education & Training Early Childhood Education I Early Childhood Education II (Early Childhood Education I & II should be taken together in 1 academic year)	
Finance	Career Preparedness Business Finance Accounting Advanced Accounting	
Health Science	Foundations of Health Science Therapeutic Services Health Science Internship	Available through outside Dual Enrollment through CVCC: Medical Assisting Short Certificate, Phlebotomy Short Certificate, EKG Technician Certification, Electronic Health Records Specialist Short Certificate, Medical Administrative Assistant Short Certificate
Manufacturing	Courses in the Manufacturing pathway are offered via Dual Enrollment through Southern Union on the LC2 campus	
Marketing	Career Preparedness Entrepreneurship Sports & Entertainment Marketing	Certiport - Entrepreneurship & Small Business
MCJROTC	MCJROTC LE-I MCJROTC LE-II MCJROTC LE-III MCJROTC LE-IV	
Plant Science	Agriscience Horticulture Science Forestry Floriculture and Floral Design	Specialty Crop Certification

<p><u>Public Safety</u></p>	<p>Introduction to Public Safety Fire Science I Fire Science II</p>	
<p><u>Television Production</u></p>	<p>Foundations of Art, A/V Technology, and Communication Intro to Television Production Television Production - Writing, Production, & Performance Television Production - Studio Operations TV Production - Photography and Editing Advanced Television Production CTE Lab in Arts, A/V Technology, and Communication</p>	<p>Adobe Premiere Pro Adobe Photoshop Adobe Illustrator</p>
<p><u>Welding</u></p>	<p>Welding I Welding II Welding III</p>	<p>Dual Enrollment Courses: SMAW Fillet/OFC SMAW Fillet/OFC Lab Industrial Blueprint Reading SMAW Groove</p>

Career Preparedness (full credit course)

Class Fee: \$20

This is the foundation course for the Business, Finance, and Marketing pathways.

This course prepares students with knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience. **This is a required course for graduation, typically taken in 9th grade. It cannot be repeated if a student has already taken and passed it, or Career Prep A and/or B.**

Agriculture Construction Pathway

Fundamentals of Agriscience

Course Fee: \$20

Fundamentals of Agriscience provides students with a fundamental overview of the Agriculture, Food and Natural Resources cluster, which contains five pathways—Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students are involved in classroom and laboratory activities in each of the five pathway areas. The emphasis for Fundamentals of Agriscience is based around the NCCER Core Curriculum including basic safety, construction math, hand tools, power tools, construction drawings, basic rigging, communication skills, employability skills, and materials handling.

Students will have the opportunity to earn the Quality Beef Assurance credential in this course.

Introduction to Agricultural Construction

Required Prerequisite: Successful completion of Fundamentals of Agriscience and a CCRI

Course Fee: \$25

Introduction to Agricultural Construction provides students with an overview of framing and building a structure. Topics include lumber, metal, material estimation, floor systems, framing systems (ceiling, wall, roof), and roofing materials for various structures.

Animal Science Options

[Fundamentals of Agriscience](#) is the recommended foundation course for this pathway

Introduction to Animal and Dairy Science

Recommended Prerequisites: Successful completion of Fundamentals of Agriscience
Introduction to Animal and Dairy Science introduces students to the field of livestock production and animal health and welfare. Students participate in activities related to the animal science field as they study the importance of the livestock industry, breed identification and characteristics, nutrition, disease and parasite control, genetics and reproduction, animal rights versus animal welfare, specialty animal production and animal products, livestock facilities and transportation, and regulatory agencies.
Students will have the opportunity to earn the Quality Beef Assurance credential in this course.

Introduction to Veterinary Science

Recommended Prerequisites: Successful completion of Fundamentals of Agriscience
A course designed to provide students with an introduction to the veterinary science profession. Topics include career opportunities, safety, human treatment, laws and regulations, anatomy and physiology, animal health, and veterinary services.
Students will have the opportunity to earn the Quality Beef Assurance credential and/or Elanco Veterinary Medical Applications Certification in this course.

Automotive Pathway

Maintenance and Light Repair A & B (2 total credits - must sign up for both)

Course Fee: \$40

Maintenance and Light Repair A & B are each one-credit courses that provide 10th and 11th grade students with foundational knowledge and skills relative to safety, engine repair, automatic transmission, manual drive trains, suspension and steering, and brakes.

Maintenance and Light Repair A is taken 1st semester, to be followed by Maintenance and Light Repair B 2nd semester. Upon successful completion of both courses, students will be able to perform basic diagnosis and basic repairs of the above mentioned automotive systems. Students will have the opportunity to participate in the Career and Technical Student Organization (CTSO) SkillsUSA, which will give them the opportunity to compete in District, State, and National competitions.

Maintenance and Light Repair C & D (2 total credits - must sign up for both)

Required Prerequisites: Successful completion of Maintenance and Light Repair A&B, instructor approval

Course Fee: \$40

Maintenance and Light Repair C & D are each one-credit courses that provide 11th and 12th grade students with foundational knowledge and skills relative to safety, brakes, electrical/electric systems, heating and air conditioning, and engine performance.

Maintenance and Light Repair C is taken 1st semester, to be followed by Maintenance and Light Repair D 2nd semester. A strong emphasis is placed on system and component operation (theory) of the above-mentioned automotive systems. Upon successful completion of both courses, students will be able to perform basic diagnosis and basic repairs of the above mentioned automotive systems. Students will have the opportunity to participate in the Career and Technical Student Organization (CTSO) SkillsUSA, which will give them the opportunity to compete in District, State, and National competitions.

Students will have the opportunity to earn ASE Student Certification in Maintenance and Light Repair at the conclusion of the MLR program.

Business Pathway

Career Preparedness is the recommended foundation course for this pathway

Business Software Applications 1

A foundation course designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications.

Students will have the opportunity to earn multiple Microsoft Office Specialist credentials in this course.

Business Software Applications II

Required Prerequisite: Successful completion of Business Software Applications, with a B or above recommended

Business Software Applications II focuses on advanced word processing and spreadsheet and database management skills using current and emerging integrated technology. These skills include a variety of input technologies in the production of professional quality business documents and reports.

Students will have the opportunity to earn multiple Microsoft Office Specialist credentials in this course.

Education and Training Pathway

Education and Training

Education and Training is the prerequisite for all pathways included in the Education and Training cluster. The course is designed for 10th and 11th grade students who are interested in pursuing careers in education. Course content includes the organizational structure of education, the role of the teacher, characteristics of effective teachers, communication skills, teaching and learning processes, learning styles, characteristics of positive classroom environments, human growth and development, curriculum development, teaching techniques, learning educational initiatives, technology, and careers. Observational experiences are a required component of this course.

Early Childhood Education I & II (2 total credits - must sign up for both courses)

Required Prerequisites: Successful completion of Education and Training and instructor approval

Early Childhood Education I and II are each one-credit courses for 11th and 12th grade students who are interested in pursuing careers that require working with children and teaching in an early childhood education program. Early Childhood Education I is taken during the first semester and provides a basic introduction to careers in Early Childhood Education. Early Childhood Education II is taken during the second semester and provides students with advanced knowledge and skill used to direct, operate, and teach in an early childhood education program. Both courses include a school-based early childhood education lab experience.

Teaching I & II (2 total credits - must sign up for both courses)

Required Prerequisites: Successful completion of Education and Training and instructor approval

Teaching I and II are each one-credit courses for 11th and 12th grade students who are interested in pursuing careers in the teaching field. Teaching I is taken during the first semester and aids students in implementing the teaching and learning process. Teaching II is taken during the second semester and provides students with advanced knowledge and skill used in the education field. Both courses include a school-based classroom lab experience.

Finance Pathway

Career Preparedness is the recommended foundation course for this pathway

Business Finance

Business Finance is designed to help students develop skills related to analysis of current events on global financial markets, explaining costs of manufacturing, personal costs incurred in business, currency standard, mark-up rates, payroll procedures, and basic accounting principles.

Accounting

Course Fee: \$10 for supplemental materials

Accounting is designed to help students understand the basic principles of the accounting cycle. This course provides a comprehensive introduction to basic financial accounting, including recording business transactions, preparing and interpreting financial statements, demonstrating generally accepted accounting principles, and performing banking and payroll activities.

Advanced Accounting

Required Prerequisite: Successful completion of Accounting

Course Fee: \$10 for supplemental materials

Advanced Accounting is designed to provide students with an increased emphasis on accounting procedures and techniques for solving business problems and making financial decisions. This course includes adjusting inventory control systems; applying accounting procedures for revenues, expenses, and loans; and enhancing skills. **The successful completion of both Accounting and Advanced Accounting earns automatic credit at any Alabama public university or junior college.**

Health Science Pathway

The Health Science Pathway offers students the opportunity to complete off-campus [Dual Enrollment](#) through CVCC in the following areas: Medical Assisting Short Certificate, Phlebotomy Short Certificate, EKG Technician Certification, Electronic Health Records Specialist Short Certificate, Medical Administrative Assistant Short Certificate. [More information can be found HERE](#)

Foundations of Health Science

Foundations of Health Science is a course for 10th grade students that introduces students to a wide range of health careers. This course is a prerequisite for all of the Health Science courses. It is recommended for students who want to prepare for further study in an array of health-study fields at the postsecondary level. Students have the opportunity to take a [Dual Enrollment](#) Medical Terminology class online through CVCC while enrolled in this course.

Therapeutic Services

Required Prerequisites: Successful completion of Foundations of Health Science; completion of application process; [instructor](#) approval

Course Fee: \$20

Therapeutic Services is a course for 11th grade students designed to inform students of the rapid changes in business and industry through a vigorous array of coursework and work-based experiences that prepare them for advanced learning and a wide range of health care opportunities. Students are introduced more in depth to careers in healthcare.

Health Science Internship (2 credit, full year course)

Required Prerequisites: Successful completion of Foundations of Health Science and Therapeutic Services; [Instructor](#) approval, which includes an application process and interview

Course Fee: \$40; HOSA membership strongly recommended- \$20

Health Science Internship is a two-credit, year long course designed for students in 12th grade. This course provides students with the knowledge and skills necessary for becoming a healthcare worker or for preparing students for postsecondary health care education programs. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facility.

Manufacturing Pathway

Lee County Schools will offer courses from the [Manufacturing Cluster](#) via [Dual Enrollment](#) through Southern Union at either the LC2 campus and/or the Opelika campus of Southern Union for the 2023-2024 school year. Bus transportation for either location is provided. Course offerings and schedule depend on what is provided by Southern Union each semester. Previously offered classes include:

MSSC Safety Course - This course is designed to provide students with knowledge and skills related to safety in a manufacturing environment.

MSSC Quality Practices and Measurement - This course is designed to provide students with knowledge and skills related to quality practices and measurement in a manufacturing environment.

MSSC Manufacturing Process and Procedures - Knowledge and skills related to manufacturing processes and production in a manufacturing environment

MSSC Manufacturing Awareness - This course is designed to provide students with knowledge and skills related to maintenance awareness in a manufacturing environment.

Pneumatics and Hydraulics - This course provides instruction in the identification and repair of components found in hydraulic and pneumatic systems. Topics include schematics and symbols used in fluid power transmission and the troubleshooting of components in these systems. Upon completion, students should be able to diagnose, adjust, and repair hydraulic and pneumatic system components.

Intro to Robotic Programming - This course provides an introduction robotic programming. Emphasis is placed on but not limited to the following: Safety, motion programming, creating and editing programs, I/O instructions, macros, program and file storage. Upon completion the student will be able to safely perform basic functions in the work cell as well as program a robot to perform simple functions.

Intro to Injection Molding - Students learn the fundamentals of injection molding operations, including molding terminology, machine part identification, operating safety, machine controls and machine startup and shutdown. Students are taught to identify common part defects such as short shots, flash, warp, surface defects, color changes and shrinkage. Students learn the properties of commonly used molding materials.

Intro to Machining Technology - This course introduces precision machining processes as they relate to the metalworking industry. Topics include machine shop safety, precision measuring tools, lathes, drilling machines, saws, milling machines, bench grinders, and layout instruments. Upon completion, students should be able to safely perform basic measurement and layout, drilling, sawing, turning, and milling to make parts and tools.

Basic Machining Calculations - This course introduces basic calculations as they relate to machining occupations. Emphasis is placed on basic calculations and their applications in the machine shop. Upon completion, students should be able to perform basic shop calculations.

Basic Blueprint Reading for Machinists - This course covers the basic principles of blueprint reading and sketching. Topics include multi-view drawings; interpretation of conventional lines; and dimensions, notes, and thread notations. Upon completion, students should be able to interpret basic drawings, visualize parts, and make pictorial sketches.

Lathes - This course covers the operation and safety practices for engine lathes. Topics include turning, grinding, boring, chamfering, necking, grooving, and threading. Upon completion, students should be able to safely operate an engine lathe using appropriate attachments.

Milling Machines - This course covers manual milling operations. Emphasis is placed on related safety, types of milling machines and their uses, cutting speed, feed calculations, and set-up and operation procedures. Upon completion, students should be able to apply manual vertical milling techniques to produce machine tool projects.

More information on these options will be available at the beginning of each semester. Students interested in these courses should contact [C. Delucca](#) for additional information.

Marketing Pathway

Career Preparedness is the recommended foundation course for this pathway

Entrepreneurship

Entrepreneurship is a course for 11th and 12th grade students designed to provide them with the skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. Instructional strategies may include the development of a business plan, a school-based enterprise, computer and technology applications, real and simulated occupational experiences or projects related to business ownership.

Sports and Entertainment Marketing Fundamentals

Sports and Entertainment Marketing is a specialized course designed to offer 11th and 12th grade students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Entertainment marketing includes events such as fairs, concerts, trade shows, festivals, plays, product launches, and causes. Students will develop skills in the areas of merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry. Students will foster a realistic understanding of the business environment in which marketing activities are performed and develop an understanding and appreciation of business ethics. Technology, employability skills, leadership and communications will be incorporated into classroom activities.

MCJROTC Pathway

Leadership Education I (LE-I) Marine Corps Junior Reserve Officer Training Corps (MCJROTC)

Required Prerequisites: Students must be of good moral character and be physically qualified to participate fully in the program's Physical Training and Marine Corps Drill. The student must conform to all aspects of Marine Corps grooming standards, especially hair grooming standards.

Leadership Education is based upon the tenants of Marine Corps Leadership, it is designed to teach and develop a sense of citizenship, responsibility, discipline, and character.

Throughout the MCJROTC program, the Leadership Education curriculum is presented by way of five different categories of instruction. Those categories are: 1) Leadership, 2) Citizenship, 3) Personal Growth, 4) Public Service/Career Exploration, and 5) General Military Subjects. The curriculum reflects two fundamental aspects; Leadership Studies that teach leadership and citizenship and Leadership Application that allows the student to apply that knowledge. The first unit of the Leadership Education program (LE-1) introduces both leadership and citizenship. It also exposes new cadets to personal growth, structure, and tradition. Additionally, cadets will participate in a challenging physical training program, exposure to teamwork, and discipline required for organized Drill. **The Leadership Education I course serves as a physical education credit for graduation.**

Leadership Education II (LE-II) Marine Corps Junior Reserve Officer Training Corps (MCJROTC)

Required Prerequisites: Successful completion of Leadership Education I (LE-I) curriculum. The students must be of good moral character and be physically qualified to participate fully in the program's Physical Training and Marine Corps Drill. The student must conform to all aspects of Marine Corps grooming standards, especially hair grooming standards. **The student must also have approval from the [Senior Marine Instructor](#) to continue in the program.**

Leadership Education II continues the leadership and citizenship classes of Leadership Education I. During LE-II students receive instruction in General Military Subjects with more structure and tradition than in LE-I. This unit also provides additional learning experiences in personal growth and responsibility, as well as citizenship. Cadets participate in a challenging physical training program and are required to teach LE-1 Drill and learn Armed and Unarmed Squad Drill.

Leadership Education III (LE-III) Marine Corps Junior Reserve Officer Training Corps (MCJROTC)

Required Prerequisites: Successful completion of Leadership Education II (LE-II) curriculum. The students must be of good moral character and be physically qualified to participate fully in the program's Physical Training and Marine Corps Drill. The student must conform to all aspects of Marine Corps grooming standards, especially hair grooming standards. **The student must also have approval from the [Senior Marine Instructor](#) to continue in the program.**

Leadership Education III continues the leadership and citizenship classes of LE-II. Cadets will resume building upon the subjects they studied in LE-I and LE-II. LE-III cadets will learn about various career options, job seeking, and the interview process, as well as receive instruction in personal finance. They will learn about public service and other possible careers for life after high school. Cadets participate in a challenging physical training program and are required to teach LE-1 and LE-2 Drill and learn how to Drill a Platoon.

Leadership Education IV (LE-IV) Marine Corps Junior Reserve Officer Training Corps (MCJROTC)

Required Prerequisites: Successful completion of Leadership Education III (LE-III) curriculum. The students must be of good moral character and be physically qualified to participate fully in the program's Physical Training and Marine Corps Drill. The student must conform to all aspects of Marine Corps grooming standards, especially hair grooming standards. **The student must also have approval from the [Senior Marine Instructor](#) to continue in the program.**

Leadership Education IV is the culmination of the cadet's Leadership Education studies. Cadets are expected to keep up with and be able to discuss current events. Social and cultural topics such as equal opportunity, sexual harassment, and personal finance are studied. LE-IV cadets are expected to provide senior cadet leadership for junior cadets by holding senior leadership billets. They are also expected to lead physical training sessions and teach all levels of Drill.

Plant Science Pathway

[Fundamentals of Agriscience](#) is the recommended foundation course for this pathway

Horticulture Science

Recommended Prerequisite: Successful completion of Fundamentals of Agriscience
A course designed to enable students to become knowledgeable of horticultural science, including plant physiology, greenhouse production, plant identification and classification, and pest management.
Students have the opportunity to earn the Specialty Crop Certification credential in this course

Forestry

Recommended Prerequisite: Successful completion of Fundamentals of Agriscience
A course designed to enable students to become knowledgeable of forestry and wood technology. Emphasis is placed on dendrology, tree measurement, mapping, silviculture, and forest products.

Floriculture and Floral Design

Required Prerequisite: Successful completion of and/or concurrent enrollment 2 other courses in the Plant Science pathway; OR previous attainment of a [CCRI](#)
Course Fee: \$20
Floriculture and Floral Design prepares students to work in or operate a retail floral design business and introduces students to the basics of growing flowers for retail sale. Topics include history, floral structures, floral propagation, floral growth requirements and identification, pest management, handling procedures, elements of design, design mechanics, and business operations.

Public Safety Pathway

Introduction to Public Safety

Introduction to Public Safety is a foundational course that helps students develop the knowledge and skills necessary for success and advancement in specialized preparatory programs for public service jobs. The course emphasizes emergency preparedness, basic first aid, fire management services, legal services, and corrections and law enforcement services.

Fire Science 1

Required Prerequisite: Successful completion of Introduction to Public Safety, instructor approval

Fire Science I is designed to provide students with information regarding career possibilities in firefighting and instruction in firefighting techniques. Topics include emergency care provider; fire service history and orientation; fire department communications; fire behavior; firefighter safety and health; personal protective equipment; portable fire extinguishers; water supply; fire hose and streams; fire life safety initiatives; building construction; ground ladders; ropes and knots; and structure search and victim removal. Students who successfully complete Fire Science I and II and pass the certification tests will earn 160 of the 360 hours required to complete Alabama Fire College Firefighter I and II certifications.

Fire Science 2

Required Prerequisite: Successful completion of Fire Science 1, instructor approval

Fire Science II provides students with advanced instruction and opportunities to demonstrate fire-fighting techniques. Topics include forcible entry; tactical ventilation; fire control; loss control; fire origin and causes; firefighter survival; hazards, behavior, and identification of hazardous materials and weapons of mass destruction; and hazardous material operations, product control and personal protective equipment. Students who successfully complete Fire Science I and II and pass the certification tests will earn 160 of the 360 hours required to complete Alabama Fire College Firefighter I and II certifications.

Television Production Pathway

Students can take 2 courses in this pathway per year, provided that the prerequisite class is scheduled 1st semester.

Foundations of Arts, A/V Technology, and Communication

Course Fee: \$20 per year for Television Production Courses

A course designed to introduce students to the areas of Advertising Design, Animation, Commercial Photography, Graphic Arts, and Television Production. Students will use these skills to produce television newscasts for the Panther News Network.

Students have the opportunity to earn Adobe Premiere Pro certification in this course.

Introduction Television Production

Required Prerequisite: Successful completion of Foundations of Arts, A/V Technology, and Communication

Course Fee: \$20 per year for Television Production Courses

A course that provides students with knowledge of television production skills and operations. Students participate in classroom and laboratory experiences in television performance, production, and operations. Students will use these skills to produce television newscasts for the Panther News Network.

Students have the opportunity to earn Adobe certifications in Television Production courses.

Television Production - Writing, Production, and Performance

Required Prerequisite: Successful completion of Introduction Television Production

Course Fee: \$20 per year for Television Production Courses

A course that provides students with a variety of real-world learning opportunities through laboratory experiences in television writing, producing, and performing. Students will use these skills to produce television newscasts for the Panther News Network.

Students have the opportunity to earn Adobe certifications in Television Production courses.

Television Production - Studio Operations

Required Prerequisite: Successful completion of Television Production - Writing, Production, and Performance

Course Fee: \$20 per year for Television Production Courses

A course that provides students with opportunities to participate through real-world laboratory experiences in studio operations. Students will produce television newscasts for the Panther News Network.

Students have the opportunity to earn Adobe certifications in Television Production courses.

Television Production - Photography and Editing

Required Prerequisite: Successful completion of Television Production - Studio Operations

Course Fee: \$20 per year for Television Production Courses

A course that provides students with a variety of real-world learning opportunities through laboratory experiences in photography and editing for television productions. Students will produce television newscasts for the Panther News Network.

Students have the opportunity to earn Adobe certifications in Television Production courses.

Advanced Television Production

Required Prerequisite: Successful completion of Television Production - Photography and Editing

A one-credit course that provides students with opportunities to create and market video productions. Students will produce television newscasts for the Panther News Network.

Students have the opportunity to earn Adobe certifications in Television Production courses.

CTE Lab in Arts, A/V Technology, and Communication

Required Prerequisite: Successful completion of Advance Television Production

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Arts, AV Television, and Communication through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

Welding Pathway

Welding 1

Course Fee: \$35

This is the first of the courses in the Welding Technologies Pathway. It is designed to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, welding theory and practice for use in the manufacturing and construction industry. With this course, students can potentially earn Dual Enrollment credit through CVCC in SMAW Fillet Theory, provided that they meet the requirements - see the [Dual Enrollment section of the Course Selection Guide](#) for more information.

Welding 2

Required Prerequisite: Successful completion of Welding 1

Course Fee: \$35

This is the second of the courses in the welding Technologies pathway. Topics include: basic shielded metal arc welding, blueprint reading, weld symbols and joint identification and print reading. Emphasis is placed on fundamental knowledge guided practice. With this course, students can potentially earn Dual Enrollment credit through CVCC in SMAW Fillet Lab, provided that they meet the requirements - see the [Dual Enrollment section of the Course Selection Guide](#) for more information.

Welding 3

Required Prerequisite: Successful completion of Welding 2

Course Fee: \$35

This is the third of the courses in the Welding Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on application and operation of shielded metal arc welding (SMAW) equipment in the SMAW groove welds in various positions. With this course, students can potentially earn Dual Enrollment credit through CVCC in ISMAW Groove Theory, provided that they meet the requirements - see the [Dual Enrollment section of the Course Selection Guide](#) for more information.

Cooperative Education Program - Career Tech Program

The Cooperative Education Program at SSHS is open to **12th grade students** who have completed at least 2 courses in the same Career Tech program or cluster and who desire to have work-based experience outside of the school setting. Students who are interested in participating in the Cooperative Education Program should contact the [Program Coordinator](#). **Students must have earned a [College and Career Readiness Indicator \(CCRI\)](#) in order to be eligible for the Co-Op program.** Additional prerequisites for Co-Op are an overall B average, no major discipline issues on file, Program Coordinator approval, and proof of employment

Students must register for **ALL FOUR** of these courses, for a total of **4 credits**. Students will complete core classes in the morning, then participate in Co-Op 3rd and 4th period both semesters.

Workforce Readiness

This is a REQUIRED course done during Cooperative Education

Course Fee: \$20

Workforce Readiness standards are designed to provide students with academic and occupational skills that are transferable across jobs and occupational areas. Emphasis is placed on academic foundations for careers, applied technology, career development and employment, entrepreneurship and business economics, social and ethical responsibility, leadership, teamwork, safety, and health.

Cooperative Education/Workbased Learning

Cooperative Education Seminar/WBL I

Cooperative Education Seminar/WBL II

Cooperative Education/Work Based Learning is a required component of the Cooperative Education work-based experience. Students must work a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the Cooperative Education Coordinator.

In some circumstances, if a senior does not meet the requirements for Cooperative Education at the beginning of the 1st semester, they may be able to take Cooperative Education courses 2nd semester if they meet the requirements then. Students will not be scheduled for 2nd semester Co-Op until they meet the requirements.

Physical Education, Health, Drivers' Ed, and Athletics Department

Physical Education

Beginning Kinesiology

This course fulfills the graduation requirement for physical education. This is a stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Athletic shoes required.

Strength and Conditioning

Required Prerequisite: Successful completion of Beginning Kinesiology.

An elective physical education course that may be taken after a student has completed their Beginning Kinesiology course. This course may be repeated. Activities will include jogging, resistance training, sports, dance, outdoor pursuits, evaluation of personal health, identifying benefits and other course of study areas. Athletic shoes required.

Health Education

Health Education (½ credit course)

This is a ½ credit course taken by students in the 10th grade, in conjunction with Drivers' Education. During the health class, students will analyze technology's influence on consumer health and health care; describe global environmental issues; identify personal, financial, and legal responsibilities of parenthood; identify common causes of disability and premature death; learn about basic first aid skills; identify symptoms, methods of treatment, and management of mental health disorders; describe prevention and management strategies for acute and chronic health conditions; explain prevention methods for communicable diseases and infections; and discuss health issues related to drugs, alcohol, and tobacco

Drivers' Education

Drivers' Education

Prerequisites: **Students must have a learners permit prior to the quarter that they are registered for the class to take this course;** Priority for the quarter when Drivers Ed is taken will be based on when students turn 16.

This is a ½ credit course taken by students typically in the 10th grade, with the Health class. Students receive classroom instruction on defensive driving, general road rules, and boating safety. Students will have 6 hours of in-car experience, which includes 1 ½ hours of hands-on driving.

Athletics

Athletics/Weightlifting Courses:

Baseball
Basketball
Cheerleading
Cross Country
Flag Football
Football
Golf
Pantherettes (Dance Team - will be coded as Team Sports in PowerSchool)
Soccer
Softball
Swimming
Tennis
Track and Field
Volleyball
Wrestling

Required Prerequisites: See the coach of each sport for tryout/signup information

Course Fee: Participation fees vary by sport.

These courses are for students who are actively involved in athletic programs at SSSH. All students who are members of a JV or Varsity sports program at SSSH should register for these courses.

Students who are added to a sport mid-semester will NOT have schedules changed to an Athletic course, but will be able to take the course the following semester with the approval from their coach.

Students who quit or are dropped from a sport mid-semester will only be changed from their Athletics course at the end of the semester. They will be expected to actively participate in weight training and other activities in order to earn their grade until the end of the semester when their schedule is changed.

Year-Long (2 credits) Sports: Basketball, Baseball, Cheerleading (10th-11th grade), Flag Football (10th-11th grade), Football (10th-11th grade), Golf, Pantherettes (10th and 11th grade), Soccer, Softball, Tennis, Volleyball (10th-11th grade), Wrestling

Semester (1 credit) Sports: Cheerleading (12th grade), Cross Country, Flag Football (12th grade), Football (12th grade), Pantherettes (12th grade), Track and Field, Volleyball (12th grade)

Students who are multi-sport athletes will be switched from Fall to Spring sports after the Winter Break.

Students cannot take Athletics courses in combination with Beginning Kinesiology or Strength/Conditioning.

Additional Elective Courses

No approval required

Bible as Literature

This course is a literary study of the Bible. Students study the Bible's characters, stories, themes, prose, and poetry for literary significance. The course is not religious instruction and does not endorse, promote, or disfavor any particular religion, belief, or perspective.

Creative Writing

This course is for students who enjoy writing as a form of art and personal expression. Students will write in genres including nonfiction, short fiction, poetry, and drama. Throughout this course, students will engage in a variety of activities designed to improve writing. Development activities include writing workshops, literary element lessons, minor text review, and peer reviews.

Speech

This course introduces students to the basics of public speaking by focusing on four core elements: voice control/volume, posture, gesture, and eye contact. As a class, we work together to develop confidence as speakers through a variety of speaking activities and occasions. Our goal is to learn to speak with confidence no matter the occasion, audience, or task.

Mass Media

Listening, analyzing, writing and discussing television, newspapers, and film

Math Lab Elective

Recommended Prerequisites: Math Lab is STRONGLY recommended for for students who made a D or F in the previous year's math course

The Math Lab course is an ELECTIVE course - it does not fulfill one of the four math credits required for graduation. This course is intended to provide instructional support for students in Algebra I with Probability and Algebra II with Statistics who have struggled in previous math courses, and should be taken the same semester as the student's math course. Remediation in basic skills, along with assistance in specific math content being taught will be provided.

Sociology

A course covering culture and society, social inequities, social institutions, and social change.

Psychology

Psychology is the study of behavior and mental processes. This course surveys the major sub-disciplines of the field, including such topics as the brain and neuroscience, behavioral genetics, cognitive and social development, perception, learning, memory, decision-making, language, consciousness, emotions, motivation, psychological disorders, social identity, interpersonal interactions, and cultural processes. The goal of psychology at the high school level is to develop student curiosity about human behavior and the understanding of the extent to which student methods can be applied to problems of behavior. Students may not take this course if they have previously taken another version of the class.

Contemporary World Issues & Civic Engagement

Contemporary Issues is a course designed to involve students with the issues, problems, and events in our world today. Knowledge and analysis of current events are vital elements in students' educational development for their roles as active citizens. This course allows students to understand and acquire knowledge of events that impact their lives from local, state, national and international news. Daily and weekly news sources serve as primary references for organization of the content of this course.

Exploring Computer Science

This course can be taken as a math credit OR an elective credit. It cannot be used for both, nor can it be repeated if already taken.

Exploring Computer Science is an introductory computer science course focused on foundational computer science concepts and computational practices. Students will be introduced to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving, and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues. Exploring Computer Science is designed to be a college preparatory high school course and thus, should provide a rigorous, but accessible, introduction to computer science. No previous computer science experience is required.

AP Computer Science Principles (+10 point weight)

Recommended Prerequisites: Completion of Algebra I; see [AP Section of Course Selection Guide](#)

Course Fee: AP Exam Fee

This course can be taken as a math credit OR an elective credit. It cannot be used for both, nor can it be repeated if already taken.

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. **All students will be required to take the AP Exam in May in order to receive the weighted grade.**

AP Computer Science A (+10 point weight)

Recommended Prerequisites: Completion of Algebra I; see [AP Section of Course Selection Guide](#)

Course Fee: AP Exam Fee

This course can be taken as a math credit OR an elective credit. It cannot be used for both, nor can it be repeated if already taken.

AP Computer Science A is an introductory college-level computer science course. This course introduces you to the concepts and tools of computer science as you learn the Java programming language. You'll do hands-on work to design, write, and test computer programs that solve problems or accomplish tasks.

Skills you'll learn: Designing a program, developing the algorithms it needs, and writing code to implement them; testing program code and correcting errors; and documenting and explaining how program code works. **All students will be required to take the AP Exam in May in order to receive the weighted grade.**

Additional Elective Options - Approval Required**School Publications (Yearbook)**

Required Prerequisites: Students must complete an application and submit writing samples prior to registration. Teacher recommendation required. See [Yearbook Advisor](#) for more information.

It is preferred that students take this course both Fall and Spring semesters. The course may be repeated in subsequent years for additional elective credits.

Students will use desktop publishing and journalistic writing skills to design and produce the school yearbook. Students must work independently and meet deadlines. Students will be required to sell business ads. Class size is limited. Keyboarding, computer applications, desktop publishing, creative writing, photography, and basic journalism skills are recommended, but not required. Students will be graded on the quality and timeliness of their work.

Teacher's Aide

Required Prerequisites: Must have [College and Career Readiness Indicator](#) or be enrolled in a class that provides the opportunity to earn a CCRI; be an 11th or 12th grade student; no major discipline problems, overall B average; teacher recommendations are required.

Student will need to complete an [application](#), and the teacher that you want to be an aide for will have to approve. A teacher may have no more than 1 aide per semester.

Student aides assist their teacher with a variety of tasks related to the classroom and extracurricular activities. Students assist with organization of materials, filing, making copies, cleaning, and other activities as directed by the teacher and administration.

Leadership and Student Government

Required Prerequisites: Student Government sponsor approval from an [application](#) process. See [Leadership Teacher](#) for more information.

Leadership students will be responsible for school wide activities, fundraisers, service projects and assemblies, with an emphasis on event planning and information dissemination required to build community and create a positive educational environment. The objective of the course is to facilitate the process of being effective leaders who support the educational community. Students who wish to develop the following skills are encouraged to apply for the Student Leadership course: develop leadership skills, prepare students to take leadership roles in the school and community, promote good citizenship and service.

Special Needs Student Aide, PreK Student Aide, or Math Lab Aide

Required Prerequisites: Must have [College and Career Readiness Indicator](#) or be enrolled in a class that provides the opportunity to earn a CCRI; All student aide positions require a separate application - see the links below; No major discipline problems, overall B average; Teacher recommendations and approval required

Special Needs Student Aide - assist in the self-contained Special Needs classrooms, helping with small groups and individual students, under the supervision of the classroom teacher and paraprofessionals. If selected, students will have to sign a confidentiality agreement. Only 2 students will be selected per period, per semester, per classroom. The application can be found [HERE](#).

PreK Student Aide - assist in the on-campus PreK classroom, under the supervision of the PreK teachers. Only 2 students will be selected per period, per semester. The application can be found [HERE](#).

Math Lab Aide - Students should have an overall A average in previous math classes and enjoy the subject of Math. Students who serve as Math Lab Aides will serve as peer tutors for students who have previously struggled in their math classes, under the supervision of the Math Lab teacher. Math Lab aides will be assigned for a math course that they have previously passed. Up to 20 math lab aides can be selected per grade level. The application can be found [HERE](#).

Special Education Department

Special Education Course Options

Courses for students with disabilities will be determined by the placement called for in the student's Individual Education Plan (IEP). In most cases, this will include a Transition course, which will cover the transition standards that are required as part of the student's IEP. The IEP team will determine the diploma option for individual students and then coordinate the appropriate course offerings at the designated time.

Transition Services

Recommended Prerequisite: It is recommended that special education students who are served by an IEP plan complete this course each year, where their individualized transition goals from their IEP will be addressed, along with work based on the math, reading, and/or social goals included in their IEP. Included in this course are skills to prepare students to become self-advocates, to participate in postsecondary education and/or training to gain meaningful employment and community support as they plan for life after high school.

This class is strongly recommended for students with an Individualized Education Plan, but can be taken by any student who wishes to learn skills to prepare them for post-high school life.

Lee County Schools - Credit Recovery Guidelines

Program Implementation

The Lee County Credit Recovery Program was implemented in the summer of 2009. This program is designed for students who have been unsuccessful in mastering content or skills required to receive course credit. Students with course deficiencies benefit from the credit recovery program by mastering the deficiency rather than repeating an entire course. The secondary schools will be allowed to offer credit recovery during school or after school.

Student Eligibility

Eligible students must meet all of the following criteria:

- Currently enrolled in Lee County Schools
- Must be classified in grades 9-12
- Must complete an application process
- Must receive consent from parent/guardian
- Must have lost two or more credits in high school career
- Must have failed the course with a baseline score of 40-59 on a 100-point scale

Application Procedures

In order to participate in the Credit Recovery Program, students must complete a credit recovery application. A portion of the application must be completed by the student's guardian. Both the student and guardian must agree to abide by all rules of the program in order to regain lost credits. Counselors will have applications available for students who meet the qualifications. Due dates for the return of forms will be set and announced in advance. Before a student may be enrolled in a credit recovery course, the student's file and request must be reviewed by the assistant superintendent.

A plan of study for each student will be designed with input from teachers, guidance, and the program director. Both the student and the guardian will sign off on the plan of study prior to the student's admission into the program.

Removal Policies

Students are expected to abide by all school rules while in the Credit Recovery Program. Students may be dismissed from the program for lack of attendance (Four or more absences and/or tardies in a semester), disruptive behavior, lack of effort, or any other circumstance that prevents the student from successfully mastering the required course content. Guardians will be contacted by the program director regarding any issues that may lead to the removal of the student from the program. The final decision for removal will be made by the school principal.

Instruction

The Credit Recovery program will be monitored by the assistant superintendent of secondary education. Approved certified personnel will serve as program instructors at each location. This instructor will be responsible for training students on the credit recovery software,

collaborating with teachers and guidance, monitoring student success, providing assistance to students, and compiling pertinent information on student progress and scoring.

In addition to the certified instructor, students will have access to Highly Qualified, certified teachers in the content area of the course they are attempting to recover. Students will be required to complete all failed standards. Once students pass all required standards, they will be released from the credit recovery program.

Grades and Credits

Only students who are currently enrolled in Lee County schools with a baseline score of 40-59 on a 100-point scale in a core academic course are eligible to enroll in the credit recovery program. A maximum of ten (10) credits may be earned by a student in a school year which includes the subsequent summer school term.

A maximum grade of seventy (70) is available through the course recovery program. The final grade for the course will be recorded along with the letters CR to indicate that the grade was earned in Credit Recovery. The student's original grade will also remain on the transcript.

Program Expense

Students participating in the credit recovery program will be expected to pay a minimal administrative fee. Schools will only be allowed to charge a fee that covers the necessary teacher resources. No school will be allowed to earn money from fees paid by credit recovery participants. At-risk funds will be used to provide credit recovery for all high schools.

Links to SSHS Course Selection Forms

Transcript Evaluation Form: You will be prompted to make a copy of this form. This can be used to determine what classes you need to take in order to graduate. https://docs.google.com/document/d/1OauXwRx-4lp3Xj6CUvqt7e_4PZZS28R_4zcU4xIUuFU/copy

Course Selection Worksheet for CURRENT 9th Grade Students:
https://docs.google.com/document/d/1O6gTh011PI_PhMwsy3hp-SrviJSbX2Ktk13PTpLLcS8/edit?usp=share_link

Course Selection Worksheet for CURRENT 10th Grade Students:
https://docs.google.com/document/d/1N59brbfA1M-rIM6AF4NIX3iAk5E2OLaCGxmWPk8KfUg/edit?usp=share_link

Course Selection Worksheet for CURRENT 11th Grade Students:
https://docs.google.com/document/d/1GIYdRuslgrd_NvdMJBpjukkAbPpXLTh7JnXGcKJ_GWo/edit?usp=share_link