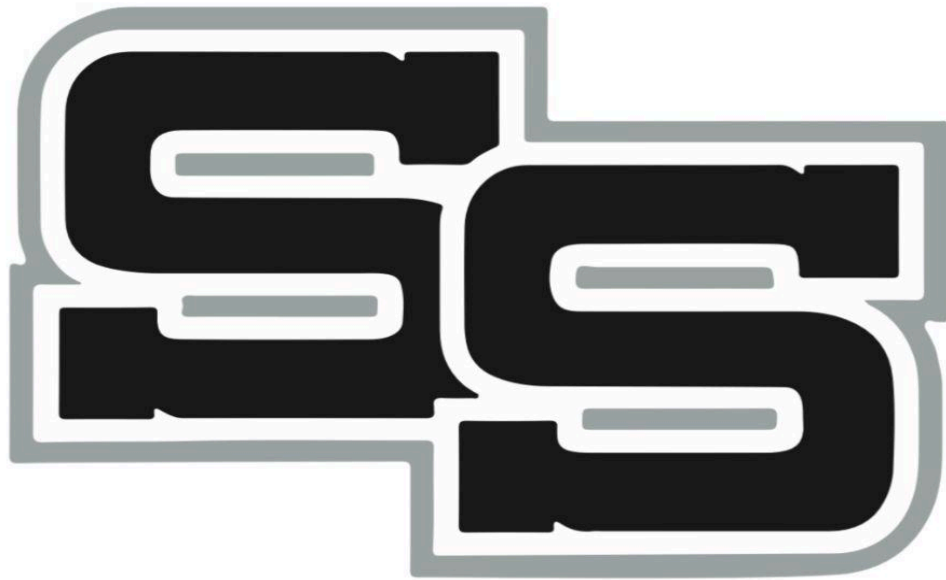


SMITHS STATION HIGH SCHOOL



CURRICULUM GUIDE
2025-2026

Administration

Adam Johnson	Principal
Haleigh Jackson	Assistant Principal
Allen Rose	Assistant Principal
Dylan Tomlin	Assistant Principal

Guidance Department

Christy Delucca	12th Grade
Lisa Shores	11th Grade
Lesleigh Anderson	10th Grade
Sonja Davis	9th Grade

Front Office Staff

Jennifer Posey	Registrar
Angela Shellhouse	Registrar
Shakeria Marshall	Attendance/Receptionist
Kalyn Smith	Receptionist
Keri Pitts	Receptionist
Margie Smith	Bookkeeper
Melissa Greeson	Bookkeeper

Academic Information

Scheduling Process

As students prepare for the upcoming academic year, it is essential to understand the curriculum guide and scheduling process that will help shape their educational journey. Each student will receive a digital copy of the SSHS Curriculum Guide, allowing students and their parents to gain knowledge of new graduation requirements and choose from a variety of options, including regular, Advanced Placement (AP), honors, and dual enrollment courses. While all course selections will be taken into account, it is important to note that they are not guaranteed. Designated times will be set for administration and counselors to meet with each student to choose their diploma pathway, review transcripts, discuss Career Tech pathways, and explore elective options. During the Spring semester, students will have the opportunity to enter their selected courses in PowerSchool. However, it is crucial for students to meet with administration and counseling staff, as failing to do so will result in a loss of the chance to choose their courses. The master schedule will be created based on the courses selected by students, and any schedule changes will only be accommodated if they provide academic benefits to the student.

Course Selection Documents

Each student will meet with an administrator and/or counselor to create an [academic plan](#) for their high school career. Due to the new graduation requirements beginning for cohort 2026 and beyond, each student will be required to complete an academic plan that will be placed in their file. The academic plan can be amended if the student chooses to do so.

New Graduation Requirements

Beginning for cohort 2026, the Alabama State Board of Education revised the graduation requirements to include an option B. *[See State Superintendent's memo](#) Each student will have the opportunity to choose their desired diploma based on their individual college and career goals.

[Cohort 2026 and 2027 \(Graduating Class\) Option A Graduation Requirements](#)

- Remains the same with four credits in each core area.

[Cohort 2026 and 2027 \(Graduating Class\) Option B Graduation Requirements](#)

- Requires four credits in English and social studies and two credits in math and science.
- Increase in Career Tech and elective credits.

[Cohort 2028 \(Graduating Class\) Option A Graduation Requirements](#)

- Remains the same with four credits in each core area.
- Financial literacy exam requirement.

[Cohort 2028 \(Graduating Class\) Option B Graduation Requirements](#)

- Requires four credits in English and social studies and two credits in math and science.
- Increase in Career Tech and elective credits.
- Financial Literacy Exam requirement.

Honors Courses

Honors courses in high school provide students with an exceptional opportunity to challenge themselves academically while gaining a competitive edge in college admissions. These courses not only delve deeper into subjects, fostering critical thinking and analytical skills, but they also carry an additional 0.5 weight towards the GPA. This means that excelling in honors classes can significantly enhance your overall academic profile, making you stand out to colleges and universities. By enrolling in honors courses, students are better prepared for the rigors of higher education, as they develop a stronger grasp of the material, improve their time management skills, and cultivate a passion for learning. Ultimately, choosing honors courses is a smart decision for any student aiming for academic excellence and a successful future.

Advanced Placement (AP) Courses

The Advanced Placement (AP) program, sponsored by the College Board, enables high school students to engage in college-level coursework and potentially earn college credit by achieving qualifying scores of 3, 4, or 5 on AP exams. Participation in AP can enhance eligibility for academic scholarships and admission to selective colleges and universities.

Each AP exam incurs a fee of approximately \$110, determined annually by the College Board. Students eligible for the free/reduced lunch program may qualify for a fee reduction. AP courses also receive an additional grade weight of +1.00 quality point and 10 points on a numerical scale.

At Smiths Station High School, students enrolled in AP courses must take the corresponding AP Exam in May of the academic year. Not taking the AP Exam will result in the course not being weighted, and students will need to complete the final exam instead.

Dual Enrollment Courses

Dual Enrollment courses allow students to take college classes through accredited institutions that have agreements with Lee County Schools. These courses provide both high school and college credit.

Some courses may be taken on the college campus, requiring schedule adjustments, while others can be offered at SSHS. Online options are also available, allowing students to complete coursework in a supervised lab or independently at home during the school year or summer. Dual Enrollment courses carry an additional +1.00 quality point and 10 points on a numerical scale.

Eligibility Criteria for Dual Enrollment:

- Offered to 10th, 11th, or 12th grade
- Maintain a minimum GPA as set forth by the college or university
- Complete college enrollment procedures and be enrolled in eligible courses
- Obtain approval from an SSHS counselor or administrator
- Achieve a grade of 70 or above to receive both college and high school credit

Note: Some colleges or courses may have additional requirements.

Credit Flexibility

In addition to traditionally completing courses, students may now pursue high school credit via three Credit Flexibility options:

- Credit Recovery
- Credit Advancement/Virtual Learning
- Dual Enrollment/Dual Credit

Students may apply for Credit Flexibility in courses that count as either academic or elective credit toward high school graduation. Any course that appears in the Lee County School High School Course Description Handbook is eligible, except where the course is managed by an approved third party e.g., Advanced Placement. Students may also apply for Credit Flexibility for courses that count as either academic or elective credit toward high school graduation which do not appear in the Lee County Schools High School Course Description Handbook e.g., a Southern Union State Community College or Chattahoochee Valley Community College, an ACCESS course. There is no limit to the number of courses or credits that a student may apply to earn through Credit Flexibility.

ACCESS

ACCESS is a distance learning program provided by the state that offers additional course opportunities. Students that choose to enroll in an ACCESS course will need to meet with a guidance counselor. Students will complete the course in the computer lab with an on site facilitator. ACCESS course offerings and additional information can be found [here](#).

Credit Recovery

Students who receive a grade between 40 and 59 in a course may qualify for credit recovery via Edgenuity. A credit recovery form must be signed by the student, parent, counselor, administration, and assistant superintendent. It is important for student-athletes to understand that credits obtained through credit recovery do not satisfy NCAA Division I eligibility requirements. The maximum grade a student can achieve in a course completed through credit recovery is a 70.

Promotion/Retention

Grade placement is determined by the units completed. Promotion is determined from the following:

- 9th to 10th grade: 7 credits
- 10th to 11th grade: 14 credits
- 11th to 12th grade: 21 credits

December Completion

SSHS students can choose to complete their coursework in December of their senior year.

To qualify, students must:

- Earn a minimum of 21 credits.
- Be eligible to enroll in the remaining core courses required for graduation.
- Achieve a College and Career Readiness Indicator (CCRI).
- Passing score on the Alabama Civics Test.
- Complete the FAFSA or a non-participation waiver prior to December.
- Attempt the Financial Literacy Exam in the Career Preparedness course.

Students interested in this option must meet with the senior counselor to discuss eligibility. This appointment should be scheduled before the 2nd week of school to ensure all required classes are taken in the first semester.

Those completing in December will still be able to participate in prom, Senior Day, and graduation.

*****All December completers must be approved by the 12th grade Assistant Principal, Mrs. Haleigh Jackson***

ADDITIONAL GRADUATION REQUIREMENTS

Cohort 2026 and Beyond- Link embedded

Civics Exam

Earning a passing score on this exam is required for graduation, unless a waiver is granted by school administration. A student may take the Alabama Civics Exam multiple times to receive a passing score.

College and Career Readiness Indicators

Effective for students of the graduating Class of 2026 who entered Grade 9 for the first time during the 2022-2023 school year:

General Education Pathway shall be issued to students who earn the required credits and earn one or more of the following college and career readiness indicators:

- Earning a benchmark score in any subject area on the ACT® college entrance exam.
 - English =18
 - Reading = 22
 - Math = 22
 - Science = 23
 - ELA = 20
- Earning a qualifying score of three or higher on an Advanced Placement® exam.
- Earning a qualifying score of four or higher on an International Baccalaureate® exam.
- Earning college credit while in high school.
- Earning a silver or gold level on the ACT® WorkKeys® Exam.
- Completing an in-school youth apprenticeship program.
- Earning a career technical industry credential listed on the compendium of valuable credentials of the Alabama Committee on Credentialing and Career Pathways.
- Being accepted into the military before graduation.
- Attaining Career and Technical Education (CTE) completer status.
- Any additional College and Career Readiness (CCR) indicator approved by the Alabama State Board of Education.

Financial Literacy Course and Examination- Beginning with Cohort 2028

Effective for students of the graduating Class of 2028 who entered Grade 9 for the first time during the 2024-2025 school year:

Content standards found in the following course(s) have been reviewed and approved to fulfill the instructional requirements specified in Act #2023-179:

- Career Preparedness (22153G1000)
- Career Preparedness B (22153G0522)

The Financial Literacy Examination, developed by the ALSDE, must be administered to all students at the completion of one of the previously listed approved courses. The Financial Literacy Examination consists of fifty (50) multiple-choice questions that assesses each of the required instructional topics. To earn a passing score on the Financial Literacy Examination, students must answer a minimum of thirty (30) items correctly; however, a passing score is NOT required for graduation.

FAFSA

Every senior is required to either submit the Free Application for Federal Student Aid (FAFSA) or complete the non-participation waiver to fulfill graduation requirements.

Anticipated College Athletes

Students that anticipate participating in college athletics should become familiar with academic eligibility requirements. It is highly recommended that students choose option A for their diploma pathway to avoid issues with the NCAA clearinghouse. Additional information can be found [here](#).

Career Technical Education

At Smiths Station High School, students embark on their career technical education journey by selecting a specialized pathway upon entering high school. Each pathway requires completion of three or more sequential courses before students can explore a second program. These comprehensive pathways are strategically designed to develop expertise and practical skills in specific career fields that align with students' interests and goals. The programs incorporate essential coursework, industry-recognized certifications, and credentials that fulfill college and career readiness requirements for graduation. For students planning to enter the workforce directly after graduation, Diploma Option B provides flexibility by substituting additional career technical courses for advanced math and science requirements. To ensure student success, individualized academic plans are crafted for each student prior to pathway enrollment, taking into account their unique needs, interests, and career aspirations. The various pathways offered are highlighted in green.

Agricultural, Food, and Natural Resources (Three Pathways)

1. Plant Science	2. Animal Science	3. General Agriscience
<u>College and Career Readiness Indicator</u>		
-Specialty Crop Certification	-Adult Beef Quality Assurance	-Adult Beef Quality Assurance -Forestry Worker Certification -Skid Steer: Skills for Success -Carpentry Helper -Mini Excavator Operator
<u>Career Tech Student Organization</u>		
FFA	FFA	FFA

Fundamentals of Agriscience (Required foundational course for all Agriscience pathways)	
Course Code: 18003G1001	1 Credit
Prerequisite: None	Course Fee: None
Introductory course that provides students with a general overview of Animal Science, Plant Science, Environmental Science, Industrial Agricultural Technologies, and General Agriculture, the five pathways within the Agriculture, Food, and Natural Resources cluster. Students are involved in classroom and/or laboratory activities in each of the five pathway areas.	

Plant Science

Horticulture (Plant Science or General Agriscience Pathway)	
Course Code: 18052G1001	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
Horticulture Science introduces students to plants, facilities, tools, and techniques used in the horticulture industry. Topics include plant physiology and propagation, growth requirements, facilities, horticulture crop production, pest management, and technological applications.	

Floriculture and Floral Design	
Course Code: 18056G1002	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
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.	

Plant Biotechnology (Career Tech or Science)	
Course Code: 18308G1002	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
Familiarizes students with botany and plant biotechnology. Topics include plant classification, plant cells and tissues, needs, responses to stimuli, importance of plants, plant disease, biotechnology advancement, and applied genetics and biotechnology concepts.	

Forestry (Plant Science or General Agriscience Pathway)	
Course Code: 18502G1001	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
Designed to inform students about forestry management, woodlands conservation, and wood technology. Topics include safety, history, dendrology, silviculture practices, protection of forests, forestry equipment, forest products and marketing, tree measurement, and mapping.	

CTE Lab in AFNR (Can be used for Plant Science, Animal Science, or General Agriscience Pathway)

Course Code: 18997G1000	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Agriculture, Food and Natural Resources 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.	

Animal Science

Intro to Animal and Dairy Science (Animal Science or General Agriscience Pathway)	
Course Code: 18501G1002	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
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.	

Introduction to Veterinary Science (Animal Science or Health Science Pathway)	
Course Code: 18105G1012	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
Designed to familiarize students with the scope, content, and opportunities of the veterinary science profession. Topics include safety, animal welfare, veterinary calculations, animal breed identification, anatomy and physiology, animal health, and laws and regulations.	

Aquatic Biology	
Course Code: 18306G1003	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
Explores the aquaculture industry as it relates to biology. Emphasis is placed on scientific concepts involving the use of microscopes and the conversion of unit measurements. Topics include history, aquatic species, water management, health and sanitation, biotechnology, and aquaculture issues.	

Food Safety and Microbiology (Career Tech or Science credit) (Animal Science or General Agriscience Pathway)	
Course Code: 19254G1000	1 Credit
Prerequisite: Fundamentals of Agriscience (for CTE pathway)	Course Fee: None
A specialized area of study focusing on pathogens and spoilage microorganisms in foods, the conditions under which they grow, and conditions under which they are commonly inactivated, killed, or made harmless; principles involved in food fermentation; the role of food in immunology; effective sanitation practices to control pathogen and microbial growth in food; principles involved in food preservation; grade classifications of meat and produce; and microbial analysis to determine food quality.	

CTE Lab in AFNR (Can be used for Plant Science, Animal Science, or General Agriscience Pathway)	
Course Code: 18997G1000	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Agriculture, Food and Natural Resources 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.	

General Agriscience

Forestry (Plant Science or General Agriscience Pathway)	
Course Code: 18502G1001	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
Designed to inform students about forestry management, woodlands conservation, and wood technology. Topics include safety, history, dendrology, silviculture practices, protection of forests, forestry equipment, forest products and marketing, tree measurement, and mapping.	

Intro to Agricultural Construction	
Course Code: 18403G1000	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
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.	

Horticulture (Plant Science or General Agriscience Pathway)	
Course Code: 18052G1001	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
Horticulture Science introduces students to plants, facilities, tools, and techniques used in the horticulture industry. Topics include plant physiology and propagation, growth requirements, facilities, horticulture crop production, pest management, and technological applications.	

Intro to Animal and Dairy Science (Animal Science or General Agriscience Pathway)	
Course Code: 18501G1002	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
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.	

Food Safety and Microbiology (Career Tech or Science credit) (Animal Science or General Agriscience Pathway)	
Course Code: 19254G1000	1 Credit
Prerequisite: Fundamentals of Agriscience (for CTE pathway)	Course Fee: None
A specialized area of study focusing on pathogens and spoilage microorganisms in foods, the conditions under which they grow, and conditions under which they are commonly inactivated, killed, or made harmless; principles involved in food fermentation; the role of food in immunology; effective sanitation practices to control pathogen and microbial growth in food; principles involved in food preservation; grade classifications of meat and produce; and microbial analysis to determine food quality.	

CTE Lab in AFNR (Can be used for Plant Science, Animal Science, or General Agriscience Pathway)	
Course Code: 18997G1000	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
<p>This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Agriculture, Food and Natural Resources 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.</p>	

Arts, A/V Technology, and Communications (one pathway)

Entertainment and Media- NEW COURSE PROGRAM (Formerly TV Production)
<u>College and Career Readiness Indicator</u>
Adobe Premier Pro, Photoshop, Adobe After Effects
<u>Career Tech Student Organization</u>
Skills USA

Media Production Foundations (Required Foundational Course)	
Course Code: 11153G1010	1 Credit
Prerequisite: None	Course Fee: None
<p>Provides an overview of media production across multiple disciplines, including drone photography, audio production, broadcasting, film production, and technical theatre. The ethical use of artificial intelligence is woven throughout the course of study. This course is the prerequisite for audio, broadcasting, film production, and technical theatre courses.</p>	

Broadcasting I	
Course Code: 11051G1012	1 Credit
Prerequisite: Media Production Foundations	Course Fee: None
<p>Presents the basic elements of radio, television, and web-based broadcasting for the dissemination of information or for entertainment through standard journalistic practices. This course expands upon basic concepts in Media Production Foundations with emphasis on scriptwriting, storyboarding, camera and microphone techniques, video and audio editing, and on-camera presentation.</p>	

Broadcasting II	
Course Code: 11051G1013	1 Credit
Prerequisite: Media Production Foundations and Broadcasting I	Course Fee: None
Builds on concepts presented in Broadcasting Production I by providing expanded broadcasting skills and opportunities. Topics include audience research, developing a creative vision for programming, advanced video production techniques, and broadcast journalism. Students will also have the opportunity to work on larger-scale projects and explore their own creative interests within the broadcasting field.	

Film Production I	
Course Code: 11051G1020	1 Credit
Prerequisite: Media Production Foundations	Course Fee: None
Provides an overview of basic film production skills. Course content includes pre-production, production, post-production, and distribution of film products, as well as historical background of the motion picture industry, legal and ethical considerations, and responsibilities of film production crew members.	

Film Production II	
Course Code: 11051G1021	1 Credit
Prerequisite: Media Production Foundations and Film Production I	Course Fee: None
Builds on the concepts presented in Film Production I to extend students' production skills. Course content includes film genres, camera technique, color theory, casting, sets, costuming, props, music, visual effects, production design, finances, and marketing and distribution. Students will have the opportunity to create a professional portfolio as well as become more familiar with professions in the film industry.	

CTE Lab in Arts, A-V Tech, and Comm	
Course Code: 11994G1001	1 Credit
Prerequisite: Media Production Foundations, two additional courses in pathway	Course Fee: None
Designed to enhance the student's general understanding and mastery of the Arts, A-V Technology, and Communications program. This course is designed as a learning laboratory to support students' individual interests and goals. This laboratory may take place in a traditional classroom, in an industry setting, or in a virtual learning environment.	

Architecture and Construction (one pathway)

Welding
<u>College and Career Readiness Indicator</u>
Skills for Success- Skid Steer
<u>Career Tech Student Organization</u>
Skills USA

SMAW I- 1st Welding Course	
Course Code: 13207G1001	1 Credit
Prerequisite:	Course Fee: None
Designed to provide a fundamental understanding of welding safety and basic shielded metal arc welding (SMAW) equipment and procedures. Standards are designed to equip students with knowledge and skills for setting up equipment, preparing surfaces, and performing safe oxy-fuel cutting and welding.	

SMAW II- 2nd Welding Course	
Course Code: 13207G1002	1 Credit
Prerequisite:	Course Fee: None
Presents information and skills needed to weld pipes and plates of various kinds. Topics include SMAW open-root pipe welds, plate welding, and stainless steel and carbon steel welding. The course also incorporates information about gas tungsten arc (tungsten inert gas) welding.	

GMAW and FCAW- 3rd Welding Course	
Course Code: 13207G1003	1 Credit
Prerequisite: None	Course Fee: None
Introduces metal arc and flux-cored arc welding processes. Emphasis is placed on safe operating practices, handling, and storage of compressed gasses. Process principles, component identification, various welding techniques, and base and filler metal identification are introduced.	

Safety and Health Regulations (Welding, Health Science, or Automotive)	
Course Code: 17049G1000	1 Credit
Prerequisite: None	Course Fee: None
<p>Designed to provide students with information on the importance of government and industry regulations as well as individual responsibilities for performing activities safely. Students identify common safety hazards found in the workplace and examine their own roles in minimizing and avoiding unsafe practices. Specific topics include flammable and combustible liquids, emergency egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage.</p>	

Business Management and Administration (one pathway)

Business Information Technology
<u>College and Career Readiness Indicator</u>
Microsoft Office Specialist
<u>Career Tech Student Organization</u>
FBLA

Business Software Applications I (Business and Marketing)	
Course Code: 10005G1001	1 Credit
Prerequisite: None	Course Fee: None
<p>Emphasizes the skills required to create, edit, and publish industry-appropriate documents. Areas of instruction include the integration of word processing, desktop publishing, spreadsheets, database management, and presentation software as well as the use of emerging technologies.</p>	

Business Software Applications II	
Course Code: 10005G1002	1 Credit
Prerequisite: Business Software Applications I	Course Fee: None
<p>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.</p>	

Digital Media Design	
Course Code: 11153G1001	1 Credit
Prerequisite: Business Software I	Course Fee: None
Provides a creative, hands-on environment in which students collaborate to produce a variety of digital media projects. Students use various hardware, peripherals, software, and web-based tools to learn skills involving graphic design, digital photography, web design, and digital video production.	

AP Computer Science Principles (Math, Science, or Career Tech credit)	
Course Code: 10019E1000	1 Credit
Prerequisite: Grades 10-12	Course Fee: None
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. Earns an additional 1.00 quality points of weighted credit.	

Exploring Computer Science (Math, Science, or Career Tech credit)	
Course Code: 10012G1001	1 Credit
Prerequisite: Recommendation- Algebra I	Course Fee: None
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.	

Career Preparedness (Also Graduation Requirement) (Business or Marketing)	
Course Code: 22153G1000	1 Credit
Prerequisite: None	Course Fee: None
Focuses on three integrated areas of instruction: academic planning and career development, financial literacy, and technology. Course content includes college and career preparation, computer literacy skills, and personal finance. <i>**Beginning with cohort 2028, students must complete the Financial Literacy Exam during this course.</i>	

Education and Training (one option)

Educators in Training
<u>College and Career Readiness Indicator</u>
Google Educator I, Google Educator II
<u>Career Tech Student Organization</u>
FTA

Foundations in Education (Required Foundational Course)	
Course Code: 19151G1001	1 Credit
Prerequisite: None	Course Fee: None
Presents a broad overview of the work of education professionals, the history of education, the roles and responsibilities of educators, strategies for creating and presenting engaging lessons and activities, methods of measuring student progress, and the domains of development.	

Careers in Education	
Course Code: 19001G1001	1 Credit
Prerequisite: Foundation in Education	Course Fee: None
Designed to introduce students to career opportunities and related skills within the Education and Training cluster. The course highlights the requirements, roles, and responsibilities of various personnel in the education and training field, including classroom teachers, non-teaching certified personnel, school administrators, special population professionals, social workers and counselors, athletics professionals, and auxiliary professionals.	

Practices in Education	
Course Code: 19152G1001	1 Credit
Prerequisite: Foundation in Education	Course Fee: None
Designed to equip students with the skills and strategies necessary for providing effective classroom instruction. This course explores the following key topics: community partners and resources, teaching standards, characteristics of professionalism, professional organizations, instructional strategies, and planning and delivery of instruction.	

Education and Training Internship	
Course Code: 19198G1000	1 Credit
Prerequisite: Foundation in Education	Course Fee: None
Provides students with the opportunity to experience classroom teaching firsthand through an internship with a cooperating teacher. Standards require students to create and demonstrate lessons, collaborate with education professionals, and provide instruction and support to students in their internship classroom. This course is designed to provide future education professionals with valuable hands-on experience in the field.	

Government and Public Administration (one option)

Marine Corps JROTC
<u>College and Career Readiness Indicator</u>
Marine Corps JROTC Certification

Marine Corps JROTC Leader Ed I	
Course Code: 09201G1001	1 Credit
Prerequisite: None	Course Fee: None
Provides an introduction to MCJROTC purposes, requirements, and traditions. Emphasis is placed on leadership, core values, patriotism, public service, career exploration, and communication.	

Marine Corps JROTC Leader Ed II	
Course Code: 09202G1001	1 Credit
Prerequisite: JROTC I	Course Fee: None
Builds on LE-I and provides instruction and training in military history, rank and structure; corps symbols; citizenship; effective writing skills; employment skills; and branches of federal government.	

Marine Corps JROTC Leader Ed III	
Course Code: 09203G1001	1 Credit
Prerequisite: JROTC II	Course Fee: None
Focuses on Marine Corps rank and organization; team training; inspections and evaluations; leadership styles; military service etiquette; college preparation; land navigation; and military service structure.	

Marine Corps JROTC Leader Ed IV	
Course Code: 09204G1001	1 Credit
Prerequisite: JROTC III	Course Fee: None
Provides instruction and experiences in advanced leadership skills, conflict resolution, selective service system, personnel inspections; and Marine air-ground task force. Emphasis is placed on the national Marine Corps competencies, portraits of patriots and great Americans; written communication; and research.	

Health Science (one option)

Health Science
<u>College and Career Readiness Indicator</u>
Mental Health Care Worker, Community Health Care Worker, Dual Enrollment Courses: Medical Terminology, Certified Nursing Assistant, EKG Tech
<u>Career Tech Student Organization</u>
HOSA

Foundations of Health Science (Required Foundational Course)	
Course Code: 14002G1001	1 Credit
Prerequisite: None	Course Fee: None
Introduces students to integrated academics, employability and career development skills, legal and ethical issues, communications, safety, and life skills.	

Therapeutic Services	
Course Code: 14099G1000	1 Credit
Prerequisite: Foundations of Health Science	Course Fee: None
Introduces students to occupations and functions in the therapeutic services pathways. Careers in this area include nursing, medicine, physical therapy, surgical technology, respiratory therapy, emergency medical technician, and more.	

Introduction to Veterinary Science (Animal Science or Health Science Pathway)	
Course Code: 18105G1012	1 Credit
Prerequisite: Foundations of Health Science	Course Fee: None
Designed to familiarize students with the scope, content, and opportunities of the veterinary science profession. Topics include safety, animal welfare, veterinary calculations, animal breed identification, anatomy and physiology, animal health, and laws and regulations.	

Human Body Structures and Functions (Science or Career Tech credit)	
Course Code: 14299G1001	1 Credit
Prerequisite: None for Science, Foundations of Health Science for CTE	Course Fee: None
A one-credit course designed to help students learn care content that emphasizes the structure and functions of cells, tissues, organs, organization of the human body systems, and medical terminology. Scientific processes, problem-based learning and critical thinking are integral parts of the course.	

Forensic Science and Crime Scene Investigations (Science or Career Tech credit)	
Course Code: 15055G1000	1 Credit
Prerequisite: None	Course Fee: None
This course prepares students in two distinct concentrations. The Forensic Science portion focuses on working in a crime lab setting as a forensic scientist or technician. Crime Scene Investigations covers the application of the scientific method at a crime scene, including scene processing and the identification and collection of evidence.	

Safety and Health Regulations (Welding, Health Science, or Automotive)	
Course Code: 17049G1000	1 Credit
Prerequisite: None	Course Fee: None
Designed to provide students with information on the importance of government and industry regulations as well as individual responsibilities for performing activities safely. Students identify common safety hazards found in the workplace and examine their own roles in minimizing and avoiding unsafe practices. Specific topics include flammable and combustible liquids, emergency egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage.	

Health Science Internship	
Course Code: 14298G1000	1 Credit
Prerequisite: Foundations of Health Science	Course Fee: None
Focusing on basic knowledge and skills necessary for beginning health care workers. Health Science Internship reinforces and applies knowledge learned in classroom and laboratory settings.	

Law, Public Safety, Corrections, and Security (one option)

Emergency and Fire Management
<u>College and Career Readiness Indicator</u>
Firefighter 160 Certification (Alabama Fire College's Volunteer Firefighter course)
<u>Career Tech Student Organization</u>
Skills USA

Introduction to Public Safety (Required Foundational Course)	
Course Code:15001G1000	1 Credit
Prerequisite: None	Course Fee: None
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 I	
Course Code: 15151G1001	1 Credit
Prerequisite: Introduction to Public Safety	Course Fee: None
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 II	
Course Code: 15151G1000	1 Credit
Prerequisite: Introduction to Public Safety, Fire Science I	Course Fee: None
<p>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.</p>	

Career Pathway Project- Fire Science	
Course Code: 15997G1001	1 Credit
Prerequisite: Introduction to Public Safety, Fire Science I, Fire Science II	Course Fee: None
<p>Career Pathway Project (CPP) for Law, Public Safety, Corrections, and Security is a capstone course designed for students who have completed two or more career and technical education courses in a particular cluster.</p>	

Marketing (one option)

Marketing
<u>College and Career Readiness Indicator</u>
Microsoft Office Specialist, Certiport-Entrepreneurship and Small Business
<u>Career Tech Student Organization</u>
FBLA

Business Software Applications I (Business and Marketing)	
Course Code: 10005G1001	1 Credit
Prerequisite: None	Course Fee: None
<p>Emphasizes the skills required to create, edit, and publish industry-appropriate documents. Areas of instruction include the integration of word processing, desktop publishing, spreadsheets, database management, and presentation software as well as the use of emerging technologies.</p>	

Entrepreneurship	
Course Code: 12053G1000	1 Credit
Prerequisite: None	Course Fee: None
focuses on the skills needed to organize, develop, create, and manage a business in a variety of environments.	

Sports and Entertainment Marketing	
Course Code: 12163G1003	1 Credit
Prerequisite: Suggested that students complete an introductory marketing course prior to taking Sports and Entertainment Marketing	Course Fee: None
A specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. This course introduces the student to the major segments of the industry and the social and economic impact the industry has on local, state, national, and global economies.	

Advertising and Sales	
Course Code: 12166G1001	1 Credit
Prerequisite: None	Course Fee: None
Focuses on the performance of key responsibilities required in the advertising and sales environment. Skills emphasized in this course are pricing, visual merchandising, advertising, special promotions, professional sales, and customer service.	

Digital Marketing	
Course Code: 12162G1001	1 Credit
Prerequisite: None	Course Fee: None
Focuses on how to develop and conduct digital marketing campaigns. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, mobile marketing, search-engine optimization, video and images, podcasts, webcasts, and creating and repurposing content for use in digital environments.	

Retail and Fashion Marketing	
Course Code: 12161G1001	1 Credit
Prerequisite: None	Course Fee: None
Introduces students to the retail industry, including the fundamentals of fashion marketing, key marketing concepts essential to every business, types of businesses involved in the industry, fashion industry economics, and an array of career opportunities.	

Cooperative Education	
Course Code: 22998G1014	1 Credit
Prerequisite: Juniors and Seniors Only	Course Fee: None
A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.	

Career Preparedness (Also Graduation Requirement) (Business or Marketing)	
Course Code: 22153G1000	1 Credit
Prerequisite: None	Course Fee: None
Focuses on three integrated areas of instruction: academic planning and career development, financial literacy, and technology. Course content includes college and career preparation, computer literacy skills, and personal finance. <i>**Beginning with cohort 2028, students must complete the Financial Literacy Exam during this course.</i>	

CTE Lab in Marketing	
Course Code: 12197G1002	1 Credit
Prerequisite: Three Marketing Courses	Course Fee: None
Designed to enhance the student's general understanding and mastery of content in the cluster. This course is designed as a learning laboratory to support students' individual interests and goals. This laboratory may take place in a traditional classroom, in an industry setting, or in a virtual learning environment.	

Transportation, Distribution, and Logistics

Automotive
<u>College and Career Readiness Indicator</u>
ASE Entry Level- Brakes, ASE Entry Level- Maintenance and Light Repair, ASE Entry Level- Suspension and Steering
<u>Career Tech Student Organization</u>
Skills USA

Automotive Technology Foundations (Required Foundational Course)	
Course Code: 20104G1011	1 Credit
Prerequisite: None	Course Fee: None
Designed to equip students with basic knowledge and skills regarding safety, engine repair, automatic transmissions, and manual drive trains. A major focus of this course is system and component operations. Standards are designed to equip students to diagnose and repair engine performance related systems.	

Auto Brake, Suspension, and Steering Repair I	
Course Code: 20104G1012	1 Credit
Prerequisite: Automotive Technology Foundations	Course Fee: None
Designed to equip students with foundational knowledge and skills regarding automotive suspension, steering, and brake systems. Strong emphasis is placed on system and component operations. Standards are designed to equip students to diagnose and repair engine performance related systems. This course incorporates personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, ventilation, and material/chemical handling.	

Automotive Electrical Components I	
Course Code: 20104G1013	1 Credit
Prerequisite: Automotive Technology Foundations	Course Fee: None
Designed to equip students with foundational knowledge and skills regarding safety, electrical, and electronics systems. Standards are designed to equip students to diagnose and repair engine performance related electrical systems. This course incorporates personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, ventilation, and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.	

Automotive Engine Repair and Performance I	
Course Code: 20104G1014	1 Credit
Prerequisite: Automotive Technology Foundations	Course Fee: None
Designed to equip students with foundational knowledge and skills regarding safety, engines, and engine performance. Standards are designed to equip students to diagnose and repair engine performance related systems. This course incorporates personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, ventilation, and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.	

Safety and Health Regulations (Welding, Health Science, or Automotive)	
Course Code: 17049G1000	1 Credit
Prerequisite: None	Course Fee: None
Designed to provide students with information on the importance of government and industry regulations as well as individual responsibilities for performing activities safely. Students identify common safety hazards found in the workplace and examine their own roles in minimizing and avoiding unsafe practices. Specific topics include flammable and combustible liquids, emergency egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage.	

Information Technology

Computer Science
<u>College and Career Readiness Indicator</u>
Certipoint Information Technology Specialist (ITS) Python
<u>Career Tech Student Organization</u>
Skills USA

Programming Foundations (Math, Science, or Career Tech credit)	
Course Code: 10152G1001	1 Credit
Prerequisite: None	Course Fee: None
<p>Focuses on the fundamentals of computer programming with an emphasis on computational thinking and problem-solving. Students will create authentic artifacts and engage with programming as a medium for creativity, communication, problem-solving, and fun. Students will be expected to develop logical thinking skills that pertain to programming.</p>	

AP Computer Science Principles (Math, Science, or Career Tech credit)	
Course Code: 10019E1000	1 Credit
Prerequisite: Grades 10-12	Course Fee: None
<p>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. Earns an additional 1.00 quality points of weighted credit.</p>	

AP Computer Science A (Math, Science, Career Tech credit)	
Course Code: 10157E1000	1 Credit
Prerequisite: AP Computer Science Principles	Course Fee: None
<p>A one credit college-level course following the curriculum established by the College Board Advanced Placement (AP) Program for computer science emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development. Earns an additional 1.00 quality points of weighted credit.</p>	

English Language Arts Core

English 9	
Course Code: 01001G1000	1 Credit
Prerequisite: None	Course Fee: None
On level courses which meet the state requirements for a high school diploma. The course encompasses reading, writing, listening, speaking, viewing and presenting skills, mechanics, grammar and usage, spelling and study skills.	

Honors English 9	
Course Code: 01001H1000	1 Credit
Recommended Prerequisite: C average or above in 8th grade Advanced English	Course Fee: None
Above grade-level survey course of various themes, genres, and vocabulary, which are necessary to proceed to higher level honors/AP classes. Literature, composition, listening, oral presentations, viewing and presenting skills are included as well as grammar and usage, mechanics, study skills and considerable outside reading. This course earns an additional .5 quality points of weighted credit.	

English 10	
Course Code: 01002G1000	1 Credit
Prerequisite: English 9	Course Fee: None
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.	

Honors English 10	
Course Code: 01002H1000	1 Credit
Prerequisite: C average or above in English 9	Course Fee: None
An enriched course which dives deeper into the content knowledge of context through a multicultural diversity of text and types of text, and it provides an extension of the regular grade course work in relation to expression and reception. This course earns an additional .5 quality points of weighted credit.	

AP Seminar- AP English 10	
Course Code: 01013E1001	1 Credit
Prerequisite: B average or above in English 9	Course Fee: AP Exam Fee
<p>English courses expose students to a variety of texts covering multiple genres, topics, and rhetorical contexts in a seminar-style setting. These courses foster students' ability to summarize and explain the salient ideas in a text by analyzing an author's perspective, rhetorical choices, and argumentative structure. Students evaluate a variety of literary, informational, and visual texts, and synthesize perspectives to develop evidence-based arguments. Students convey their findings through multiple written formats, multimedia presentations, and oral defenses. Earns an additional 1.00 quality points of weighted credit.</p>	

English 11	
Course Code: 01003G1000	1 Credit
Prerequisite: English 10	Course Fee: None
<p>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.</p>	

ENGLISH COMPOSITION I- 11th/12th Dual Enrollment	
Course Code: 01999C1001	1 Credit
Prerequisite: 2.5 GPA and qualifying score on the ACT or Accuplacer	Course Fee: Tuition Fees (paid by district)
<p>Provides instruction and practice in the writing of at least six (6) 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. Earns an additional 1.00 quality points of weighted credit.</p>	

English 12	
Course Code: 01004G1000	1 Credit
Prerequisite: English 11	Course Fee: None
<p>On-grade level course covering British literature, reading, writing, listening, speaking, viewing and presentation skills, vocabulary, mechanics, grammar and usage, and spelling and study skills.</p>	

ENGLISH COMPOSITION II- 12th Dual Enrollment	
Course Code: 01999C1002	1 Credit
Prerequisite: C or better in English Composition I, 2.5 GPA and qualifying score on the ACT or Accuplacer	Course Fee: Tuition Fees (paid by district)
Provides instruction and practice in the writing of six (6) 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. Earns an additional 1.00 quality points of weighted credit.	

Social Studies Core

World History 9	
Course Code: 04053G1000	1 Credit
Prerequisite: None	Course Fee: None
Chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present.	

Honors World History Grade 9	
Course Code: 04053H1000	1 Credit
Prerequisite: None	Course Fee: None
Advanced work in the chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present. This course earns an additional .5 quality points of weighted credit.	

United States History I- General Grade 10	
Course Code: 04102G1000	1 Credit
Prerequisite: None	Course Fee: None
Chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events.	

UNITED STATES HISTORY I- Dual Enrollment Grade 10	
Course Code: 04999C1009	1 Credit
Prerequisite: 2.5 GPA	Course Fee: Tuition Fees (paid by district)
Surveys United States history during colonial, Revolutionary, early national and antebellum periods. It concludes with the Civil War and Reconstruction. Earns an additional 1.00 quality points of weighted credit.	

United States History II- General Grade 11	
Course Code: 04103G1000	1 Credit
Prerequisite: None	Course Fee: None
Chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States; Alabama's history and geographic changes that have influenced aspects of life during and after events	

UNITED STATES HISTORY II- Dual Enrollment Grade 11	
Course Code: 04999C1010	1 Credit
Prerequisite: 2.5 GPA	Course Fee: Tuition Fees (paid by district)
Surveys United States history from the Reconstruction era to the present. Earns an additional 1.00 quality points of weighted credit.	

United States Government Grade 12	
Course Code: 04151G0500	.5 Credit
Prerequisite: None	Course Fee: None
Origins, functions, and branches of U. S. government; representative democracy; federalism; political/civic life; analysis of Constitution, Bill of Rights, and other relevant documents; foreign policy	

Economics Grade 12	
Course Code: 04201G0500	.5 Credit
Prerequisite: None	Course Fee: None
Basic elements of economics; comparative economic systems and economic theories; role of the consumer; business and labor issues; functions of government; structure of U. S. banking system; role of Federal Reserve Bank.	

Mathematics Core

Students that choose Diploma Option A must obtain credits for Geometry with Data Analysis, Algebra I with Probability, Algebra II with Statistics, and a fourth math. Students that choose Diploma Option B must obtain credits for Geometry with Data Analysis and Algebra I with Probability. There are various pathways for mathematics to meet the needs of each learner.

Possible Pathway for Students Completing Grade 8 Mathematics

Grade:	Suggested Possible Pathways:		
9	<i>Geometry with Data Analysis</i>	<i>Geometry with Data Analysis and Algebra I with Probability (concurrently)</i>	<i>Geometry with Data Analysis and Algebra I with Probability (concurrently)</i>
10	<i>Algebra I with Probability</i>	<i>Algebra II with Statistics</i>	<i>Algebra II with Statistics</i>
11	<i>Algebra II with Statistics</i>	<i>*Specialized Course</i>	<i>Precalculus</i>
12	<i>*Specialized Course</i>	<i>*Specialized Course (5th credit)</i>	<i>AP Calculus (5th credit)</i>

Possible Pathways for Students Completing Grade 8 Accelerated Mathematics

Grade	Suggested Possible Pathways:				
9	<i>Geometry with Data Analysis</i>	<i>Geometry with Data Analysis</i>	<i>Geometry with Data Analysis</i>	<i>Geometry with Data Analysis and Algebra I with Probability (concurrently)</i>	<i>Geometry with Data Analysis and Algebra I with Probability (concurrently)</i>
10	<i>Algebra II with Statistics</i>	<i>Algebra II with Statistics</i>	<i>Algebra I with Probability</i>	<i>Algebra II with Statistics</i>	<i>Algebra II with Statistics</i>
11	<i>*Specialized Course</i>	<i>Precalculus</i>	<i>Algebra II with Statistics</i>	<i>*Specialized Course</i>	<i>Precalculus</i>
12	<i>*Specialized Course</i>	<i>AP Calculus</i>	<i>*Specialized Course</i>	<i>*Specialized Course (5th credit)</i>	<i>AP Calculus (5th credit)</i>

Geometry with Data Analysis (Required for Diploma Option A and B)	
Course Code: 02073G1000	1 Credit
Prerequisite: Grade 8 Mathematics	Course Fee: None
Students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study.	

Honors Geometry with Data Analysis	
Course Code: 02073H1000	1 Credit
Prerequisite: Grade 8 Mathematics	Course Fee: None
Students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. This course earns an additional .5 quality points of weighted credit.	

Algebra I with Probability (Required for Diploma Option A and B)	
Course Code: 02052G1000	1 Credit
Prerequisite: Geometry with Data Analysis	Course Fee: None
Provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics.	

Honors Algebra I with Probability	
Course Code: 02052H1000	1 Credit
Prerequisite: Geometry with Data Analysis	Course Fee: None
Advanced- Provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. This course earns an additional .5 quality points of weighted credit.	

Algebra II with Statistics (Required for Diploma Option A)	
Course Code: 02056G1000	1 Credit
Prerequisite: Geometry with Data Analysis and Algebra I with Probability	Course Fee: None
Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability.	

Honors Algebra II with Statistics	
Course Code: 02056H1000	1 Credit
Prerequisite: Geometry with Data Analysis and Algebra I with Probability	Course Fee: None
Honors Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. This course earns an additional .5 quality points of weighted credit.	

Algebra with Finance	
Course Code: 02155G1000	1 Credit
Prerequisite: None	Course Fee: None
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.	

Application of Finite Math	
Course Code: 02136G1000	1 Credit
Prerequisite: None	Course Fee: None
Provides students with the opportunity to explore mathematics 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.	

Pre Calculus	
Course Code: 02110G1000	1 Credit
Prerequisite: Algebra II with Statistics	Course Fee: None
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 includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions.	

Programming Foundations (Math, Science, or Career Tech credit)	
Course Code: 10152G1001	1 Credit
Prerequisite: None	Course Fee: None
<p>Focuses on the fundamentals of computer programming with an emphasis on computational thinking and problem- solving. Students will create authentic artifacts and engage with programming as a medium for creativity, communication, problem-solving, and fun. Students will be expected to develop logical thinking skills that pertain to programming.</p>	

AP Computer Science Principles (Math, Science, or Career Tech credit)	
Course Code: 10019E1000	1 Credit
Prerequisite: Grades 10-12	Course Fee: None
<p>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. Earns an additional 1.00 quality points of weighted credit.</p>	

AP Computer Science A (Math, Science, Career Tech credit)	
Course Code:10157E1000	1 Credit
Prerequisite: AP Computer Science Principles recommended	Course Fee: None
<p>A one credit college-level course following the curriculum established by the College Board Advanced Placement (AP) Program for computer science emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development. Earns an additional 1.00 quality points of weighted credit.</p>	

Exploring Computer Science (Math, Science, or Career Tech credit)	
Course Code: 10012G1001	1 Credit
Prerequisite: Recommendation- Algebra I	Course Fee: None
<p>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.</p>	

PRECALCULUS ALGEBRA and TRIGONOMETRY - Dual Enrollment	
Course Code: 02999C1004	1 Credit
Prerequisite: Successful completion of Algebra II with Statistics with B average or above. ACT score of 20 or above on Math section or qualified score Accuplacer test.	Course Fee: None
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. Earns an additional 1.00 quality points of weighted credit.	

CALCULUS I- Dual Enrollment	
Course Code: 02999C1005	1 Credit
Prerequisite: Successful completion of Dual Enrollment PreCalculus with C average or higher, or successful completion of Precalculus and a minimum ACT Math score of 25.	Course Fee: None
Topics include the limit of a function; the derivative of algebraic, trigonometric, exponential, and logarithmic functions; and the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, and curve sketching using calculus. Earns an additional 1.00 quality points of weighted credit.	

COLLEGE ELEMENTARY STATISTICS- Dual Enrollment	
Course Code: 02999C1013	1 Credit
Prerequisite: Successful completion of Algebra II with Statistics with B average or above. ACT score of 20 or above on Math section or qualified score Accuplacer test.	Course Fee: None
This course provides an introduction to methods of statistics, including the following topics: sampling, frequency distributions, measures of central tendency, graphic representation, reliability, hypothesis testing, confidence intervals, analysis, regression, estimation, and applications. Probability, permutations, combinations, binomial theorem, random variables, and distributions may be included. Earns an additional 1.00 quality points of weighted credit.	

Science Core

One Biology course is required for graduation

Biology (Required for Diploma Option A and B)	
Course Code: 03051G1000	1 Credit
Prerequisite: None	Course Fee: None
Increasing depth of understanding of life science standards from earlier grades to include the integration of engineering design, with a focus on crosscutting concepts, science and engineering practices; and patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity.	

Honors Biology	
Course Code: 03051H1000	1 Credit
Prerequisite: None	Course Fee: None
Advanced engagement and sense-making to develop an increasing depth of understanding of life science standards from earlier grades to include advanced engagement and sense-making the integration of engineering design, with a focus on crosscutting concepts, science and engineering practices; and patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity. This course earns an additional .5 quality points of weighted credit.	

One Physical Science course is required for graduation (Physical Science, Chemistry, or Physics)

Physical Science (Required for Diploma Option A and B)	
Course Code: 03159G1000	1 Credit
Prerequisite: None	Course Fee: None
Conceptual progression of understanding and knowledge of physical science standards from earlier grades with engineering design integration and focus on crosscutting concepts, science and engineering practices; and the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies.	

Honors Physical Science	
Course Code: 03159H1000	1 Credit
Prerequisite: None	Course Fee: None
Advanced engagement and sensemaking to build a conceptual progression of understanding and knowledge of physical science standards from earlier grades with engineering design integration and focus on crosscutting concepts, science and engineering practices; and the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies. This course earns an additional .5 quality points of weighted credit.	

Chemistry	
Course Code: 03101G1000	1 Credit
Prerequisite: None	Course Fee: None
In-depth and progression of understanding and knowledge of the properties and interactions of matter including matter and its interactions, 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 with a focus on the application of biology, earth science, environmental science, and physiology to the study of chemistry. Includes the integration of engineering design, crosscutting concepts, and science and engineering practices from the science framework.	

Honors Chemistry	
Course Code: 03101H0500	1 Credit
Prerequisite: None	Course Fee: None
Advanced level in-depth and progression of understanding and knowledge of the properties and interactions of matter including matter and its interactions, 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 with a focus on the application of biology, earth science, environmental science, and physiology to the study of chemistry. This course earns an additional .5 quality points of weighted credit.	

Physics	
Course Code: 03151G1000	1 Credit
Prerequisite: None	Course Fee: None
Detailed understanding and knowledge of properties of physical matter, physical quantities, motion and stability, energy, and waves and their applications for information transfer through authentic investigations and engineering design processes.	

AP Physics 1: Algebra-Based	
Course Code: 03165E1000	1 Credit
Prerequisite: Recommended B in Algebra II with Statistics	Course Fee: None
College-level, algebra-based, introductory physics course following the curriculum established by the College Board Advanced Placement (AP) Program; provides a foundation for future course work in physics; explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; introductory, simple circuits; facilitates inquiry-based learning designed to develop scientific critical thinking and reasoning skills. Earns an additional 1.00 quality points of weighted credit.	

Earth and Space Science	
Course Code: 03008R1000	1 Credit
Prerequisite: None	Course Fee: None
Comprehensive application of all science disciplines with a focus on concepts of the universe and its Stars, Earth and the solar system, history of 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, technology and application of science core ideas.	

Environmental Science	
Course Code: 03003G1000	1 Credit
Prerequisite: None	Course Fee: None
Advanced knowledge and understanding of natural resources, natural hazards, human impacts on Earth systems and global climate change; and engineering design solutions to solve various problems affecting Earth and its environment. Science and engineering practices and crosscutting concepts from the science framework are incorporated into coursework.	

Forensic Science and Crime Scene Investigations (Science or Career Tech credit)	
Course Code: 15055G1000	1 Credit
Prerequisite: None	Course Fee: None
The Forensic Science portion focuses on working in a crime lab setting as a forensic scientist or technician. Crime Scene Investigations covers the application of the scientific method at a crime scene, including scene processing and the identification and collection of evidence.	

Human Body Structures and Functions (Science or Career Tech credit)	
Course Code: 14299G1001	1 Credit
Prerequisite: None	Course Fee: None
A one-credit course designed to help students learn care content that emphasizes the structure and functions of cells, tissues, organs, organization of the human body systems, and medical terminology. Scientific processes, problem-based learning and critical thinking are integral parts of the course.	

Honors Human Anatomy and Physiology	
Course Code:03053H1000	1 Credit
Prerequisite: None	Course Fee: None
Advanced level study of the structure and function of human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in organisms; how personal choices, environmental factors, and genetic factors affect the human body. This course earns an additional .5 quality points of weighted credit.	

Plant Biotechnology (Science or Career Tech credit)	
Course Code: 18308G1002	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: None
Familiarizes students with botany and plant biotechnology. Topics include plant classification, plant cells and tissues, needs, responses to stimuli, importance of plants, plant disease, biotechnology advancement, and applied genetics and biotechnology concepts.	

AP Computer Science A (Math, Science, Career Tech credit)	
Course Code:10157E1000	1 Credit
Prerequisite: AP Computer Science Principles recommended	Course Fee: None
A one credit college-level course following the curriculum established by the College Board Advanced Placement (AP) Program for computer science emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development. Earns an additional 1.00 quality points of weighted credit.	

COLLEGE CHEMISTRY I- Dual Enrollment	
Course Code: 03999C1016	1 Credit
Prerequisite: OR corequisite- COLLEGE PRECALCULUS ALGEBRA or qualifying score on the Accuplacer	Course Fee: None
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. Laboratory is required. Earns an additional 1.00 quality points of weighted credit.	

COLLEGE CHEMISTRY II- Dual Enrollment	
Course Code: 03999C1017	1 Credit
Prerequisite: COLLEGE CHEMISTRY I and PRECALCULUS ALGEBRA	Course Fee: As determined by college/university
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, semimetals, coordination compounds, transition compounds, and post-transition compounds. Laboratory is required. Earns an additional 1.00 quality points of weighted credit.	

INTRODUCTION TO INORGANIC CHEMISTRY- Dual Enrollment	
Course Code: 03999C1012	1 Credit
Prerequisite: Math 098 or Qualifying Score on Accuplacer	Course Fee: As determined by college/university
Lecture will emphasize the facts, principles, and theories of general chemistry including math operations, matter and energy, atomic structure, symbols and formulas, nomenclature, the periodic table, bonding concepts, equations, reactions, stoichiometry, gas laws, phases of matter, solutions, pH, and equilibrium reactions. Laboratory is required. Earns an additional 1.00 quality points of weighted credit.	

INTRODUCTION TO ORGANIC CHEMISTRY- Dual Enrollment	
Course Code: 03999C1013	1 Credit
Prerequisite: Successful completion of CHEM 104 or CHEM 111	Course Fee: As determined by college/university
Topics will include basic nomenclature, classification of organic compounds, typical organic reactions, reactions involved in life processes, function of biomolecules, and the handling and disposal of organic compounds. Laboratory is required. Earns an additional 1.00 quality points of weighted credit.	

Physical Education/Health/Drivers Education

Beginning Kinesiology (Required) (Marching Band or JROTC can substitute)	
Course Code: 08017G1000	1 Credit
Prerequisite: None	Course Fee: None
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.	

Health Education (Required) (Recommended with Drivers Education)	
Course Code: 08051G0500	.5 Credit
Prerequisite: None	Course Fee: None
This is a half-credit course which is required for graduation. It is recommended that students take this course in Grade 10.	

Driver and Traffic Safety Education (Recommended with Health Education)	
Course Code: 08152G1000	.5 Elective Credit
Prerequisite: None	Course Fee: None
Safe driving theory; in class study; driving hazards; boating safety; behind the wheel experience; safety practices.	

Fine Arts Department

At Smiths Station High School, students with a passion for fine arts have diverse opportunities to pursue their artistic interests through specialized pathways. The school offers a comprehensive array of programs including Marching Band, Concert Band, Chorus, and Theatre, as well as Visual Arts courses encompassing drawing, painting, crafts and ceramics. Students interested in the Visual Arts pathway must complete Visual Arts I as their foundation course before advancing to more specialized art classes. Additionally, Foreign Language programs are available to complement these artistic pursuits. A sequence of Foreign Language courses are required for an Advanced Diploma for Diploma Option A. These pathways are designed to help students develop their creative talents while preparing them for potential careers or further education in the arts.

Band

Marching Band I	
Course Code: 05103G1001	1 Credit
Prerequisite: Band Director Approval	Course Fee: \$125
This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a marching band setting.	

Marching Band II	
Course Code: 05103G1002	1 Credit
Prerequisite: Marching Band I, Band Director Approval	Course Fee: \$125
This is a one credit course, intermediate level, is designed for students with at least one year of experience to experience instrumental music in a marching band setting.	

Marching Band III	
Course Code: 05103G1003	1 Credit
Prerequisite: Marching Band II, Band Director Approval	Course Fee: \$125
This is a one credit course, proficient level, is designed for students to increase artistry through reinforced experiences in an instrumental music marching band setting.	

Marching Band IV	
Course Code: 05103G1004	1 Credit
Prerequisite: Marching Band III, Director Approval	Course Fee: \$125
This is a one credit course, accomplished level, is designed for students with multiple years of high school study to experience instrumental music in a marching band setting.	

Marching Band V- Seniors Only	
Course Code: 05103G1005	1 Credit
Prerequisite: Marching Band IV, Director Approval	Course Fee: \$125
This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a marching band setting.	

Concert Band I	
Course Code: 05102G1001	1 Credit
Prerequisite: Director Approval	Course Fee: \$125
This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a concert band setting.	

Concert Band II	
Course Code: 05102G1002	1 Credit
Prerequisite: Concert Band I, Director Approval	Course Fee: \$125
This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a concert band setting.	

Concert Band III	
Course Code: 05102G1003	1 Credit
Prerequisite: Concert Band II, Director Approval	Course Fee: \$125
This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music concert band setting.	

Concert Band IV	
Course Code: 05102G1004	1 Credit
Prerequisite: Concert Band III, Director Approval	Course Fee: \$125
This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a concert band setting.	

Concert Band V- Seniors Only	
Course Code: 05102G1005	1 Credit
Prerequisite: Concert Band IV, Director Approval	Course Fee: \$125
This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a concert band setting.	

Chorus

Mixed Chorus I	
Course Code: 05110G1001	1 Credit
Prerequisite: None	Course Fee: None
This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance.	

Mixed Chorus II	
Course Code: 05110G1002	1 Credit
Prerequisite: Mixed Chorus I	Course Fee: None
This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore choral music from a wide variety of cultures and time periods through academic study and performance.	

Mixed Chorus III	
Course Code: 05110G1003	1 Credit
Prerequisite: Mixed Chorus II	Course Fee: None
This is a one credit course, proficient level, designed for students to increase artistry by exploring choral music from a wide variety of cultures and time periods through academic study and performance.	

Mixed Chorus IV	
Course Code: 05110G1004	1 Credit
Prerequisite: Mixed Chorus III	Course Fee: None
This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore choral music from a wide variety of cultures and time periods through academic study and performance.	

Chamber Chorus I	
Course Code: 05111G10C1	1 Credit
Prerequisite: None	Course Fee: None
This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance.	

Chamber Chorus II	
Course Code: 05111G10C2	1 Credit
Prerequisite: Chamber Chorus	Course Fee: None
This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore choral music from a wide variety of cultures and time periods through academic study and performance.	

Chamber Choir III	
Course Code: 05111G10C3	1 Credit
Prerequisite: Chamber Choir II	Course Fee: None
This is a one credit course, proficient level, designed for students to increase artistry by exploring choral music from a wide variety of cultures and time periods through academic study and performance.	

Chamber Choir IV	
Course Code: 05111G10C4	1 Credit
Prerequisite: Chamber Choir III	Course Fee: None
This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore choral music from a wide variety of cultures and time periods through academic study and performance.	

A Capella Chorus I	
Course Code: 05111G10A1	1 Credit
Prerequisite: None	Course Fee: None
This is a one credit course, novice level, designed for beginning music students to explore unaccompanied choral music from a wide variety of cultures and time periods through academic study and performance.	

Visual Arts

Visual Arts I- Required Foundational Course: Painting, Drawing, Ceramics, Visual Arts II	
Course Code: 05154G1001	1 Credit
Prerequisite: None	Course Fee: Recommended \$30
Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allow for self-expression.	

Visual Arts II	
Course Code: 05154G1002	1 Credit
Prerequisite: Visual Arts I	Course Fee: Recommended \$30
Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how visual arts communicate ideas and allow for self-expression.	

Visual Arts III	
Course Code: 05154G1003	1 Credit
Prerequisite: Visual Arts I and II	Course Fee: Recommended \$30
Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allow for self-expression.	

Drawing II	
Course Code: 05156G1002	1 Credit
Prerequisite: Visual Arts I	Course Fee: Recommended \$35
This one credit course, intermediate level, is the first of a sequential high school course focusing on the medium of drawing.	

Drawing III	
Course Code: 05156G1003	1 Credit
Prerequisite: Visual Arts I, Drawing II	Course Fee: Recommended \$35
This one credit course, accomplished level, is the second of a sequential high school course focusing on the medium of drawing.	

Painting II	
Course Code: 05157G1002	1 Credit
Prerequisite: Visual Arts I	Course Fee: Recommended \$45
This one credit course, intermediate level, is the first of a sequential high school course focusing on the medium of painting.	

Painting III	
Course Code: 05157G1003	1 Credit
Prerequisite: Visual Arts I, Painting II	Course Fee: Recommended \$45
This one credit course, accomplished level, is the second of a sequential high school course focusing on the medium of painting.	

Ceramics II (Pottery I)	
Course Code: 05159G1002	1 Credit
Prerequisite: Visual Arts I	Course Fee: Recommended \$50
This one credit course, intermediate level, is the first of a sequential high school course focusing on the medium of ceramics.	

Ceramics III (Pottery II)	
Course Code: 05159G1003	1 Credit
Prerequisite: Visual Arts I, Ceramics II	Course Fee: Recommended \$50
This one credit course, accomplished level, is the second of a sequential high school course focusing on the medium of ceramics.	

Crafts I	
Course Code: 05165G1001	1 Credit
Prerequisite: Visual Arts I	Course Fee: Recommended \$30
This one credit course, novice level, is the first of a sequential high school course focusing on craft arts.	

Crafts II	
Course Code: 05165G1002	1 Credit
Prerequisite: Visual Arts I, Crafts I	Course Fee: Recommended \$30
This one credit course, intermediate level, is the second of a sequential high school course focusing on craft arts.	

Graphic Design I	
Course Code: 05162G1001	1 Credit
Prerequisite: Visual Arts I	Course Fee: Recommended \$30
Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design.	

Theatre

<u>Theatre I- Required Foundational Course</u>	
<u>Performance (Acting) Track</u>	<u>Technical Track</u>
“Acting”	“Tech”
Theatre I	Technical Theatre Production
Theatre, Acting Technique II	Theatre, Technical Theatre II
Theatre, Acting Technique III	Theatre, Technical Theatre III
Theatre Management II	Theatre Scenic Design and Construction II
Theatre Management III	Theatre Scenic Design and Construction III

Theatre I	
Course Code: 05052G1001	1 Credit
Prerequisite: None	Course Fee: None
This one credit course, proficient level, explores beginning theatre.	

Acting Technique II- Acting Track	
Course Code: 05053G1002	1 Credit
Prerequisite: Introduction to Theatre I	Course Fee: None
This one credit course, accomplished level, focuses on specific acting techniques.	

Acting Technique III-Acting Track	
Course Code: 05053G1003	1 Credit
Prerequisite: Introduction to Theatre I, Acting Technique II	Course Fee: None
This one credit course, advanced level, focuses on specific acting techniques.	

Theatre Management II	
Course Code: 05061G1002	1 Credit
Prerequisite: Theatre I	Course Fee: None
This one credit course, accomplished level, is an introduction to the principles, elements, and practicalities of theatre management.	

Theatre Management III	
Course Code: 05061G1003	1 Credit
Prerequisite: Theatre I, Theatre Management II	Course Fee: None
This one credit course, advanced level, explores in depth the principles, elements, and practicalities of theatre management.	

Technical Theatre Production	
Course Code: 05056G1001	1 Credit
Prerequisite: Theatre I	Course Fee: None
This one credit course, proficient level, explores beginning technical theatre.	

Technical Theatre Production II	
Course Code: 05056G10T2	1 Credit
Prerequisite: Introduction to Theatre I	Course Fee: None
This one credit course, accomplished level, continues the study of technical theatre.	

Technical Theatre Production III	
Course Code: 05056G10T3	1 Credit
Prerequisite: Introduction to Theatre I, Technical Theatre II	Course Fee: None
This one credit course, advanced level, continues the study of technical theatre.	

Theatre Scenic Design and Construction II	
Course Code: 05056G10S2	1 Credit
Prerequisite: Theatre I	Course Fee: None
This one credit course, accomplished level, is an introduction to the principles, elements, and practicalities of methods, materials, concepts, and processes involved in the design and construction of scenery.	

Theatre Scenic Design and Construction III	
Course Code: 05056G10S3	1 Credit
Prerequisite: Theatre I, Theatre Scenic Design and Construction II	Course Fee: None
This one credit course, advanced level, refines in depth the principles, elements, and practicalities of methods, materials, concepts, and processes involved in the design and construction of scenery.	

Foreign Language

Spanish I	
Course Code: 24052G1000	1 Credit
Prerequisite: None	Course Fee: None
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 Spanish-speaking cultures	

Spanish II	
Course Code: 24053G1000	1 Credit
Prerequisite: Spanish I	Course Fee: None
Listening and speaking skills including understanding and responding to directions, commands, and questions; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Spanish-speaking cultures	

Spanish III	
Course Code: 24054G1000	1 Credit
Prerequisite: Spanish I and Spanish II	Course Fee: None
Listening and speaking skills including understanding and responding to factual and interpretive questions; paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating presentations; increased understanding of Spanish-speaking cultures	

Spanish IV	
Course Code: 24055G1000	1 Credit
Prerequisite: Spanish II, Spanish III	Course Fee: None
Listening and speaking skills including understanding and responding to factual and interpretive questions; proposing and supporting solutions to issues and problems; interpreting authentic prose and poetry selections; creating compositions; extensive understanding of Spanish-speaking cultures	

French I	
Course Code: 24102G1000	1 Credit
Prerequisite: None	Course Fee: None
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	
Course Code: 24103G1000	1 Credit
Prerequisite: French I	Course Fee: None
Listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of French-speaking cultures	

French III	
Course Code: 24104G1000	1 Credit
Prerequisite: French I and French II	Course Fee: None
Listening and speaking skills including understanding and responding to factual and interpretive questions; paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating presentations; increased understanding of French-speaking cultures	

Additional Electives

WESTERN CIVILIZATION I- Dual Enrollment Elective	
Course Code: 04999C1005	1 Credit
Prerequisite: 2.5 GPA	Course Fee: None
This course is a survey of social, intellectual, economic, and political developments, which have molded the modern western world. This course covers the ancient and medieval periods and concludes in the era of the Renaissance and Reformation.	

WESTERN CIVILIZATION II- Dual Enrollment Elective	
Course Code: 04999C1006	1 Credit
Prerequisite: WESTERN CIVILIZATION I, 2.5 GPA	Course Fee: None
This course is a continuation of HIS 101; it surveys development of the modern western world from the era of the Renaissance and Reformation to the present.	

Sociology	
Course Code: 04258G1000	1 Credit
Prerequisite: None	Course Fee: None
Culture and society; social inequalities; social institutions; social change	

Psychology	
Course Code: 04254G1000	1 Credit
Prerequisite: None	Course Fee: None
History of psychological inquiry; methods of scientific research; human development; sensation and perception; motivation and emotion; states of consciousness; social psychology, cognition; intelligence and assessment; personality theories; stress; mental disorders and treatments	

Human Geography	
Course Code: 04002G1000	1 Credit
Prerequisite: None	Course Fee: None
Survey of the nature of human geography through population studies, characteristics and distribution of cultural mosaics, spatial patterns of economic interactions, human settlement, and division of Earth's surface through forces of cooperation and conflict	

Contemporary World Issues and Civic Engagement	
Course Code: 04064G1000	1 Credit
Prerequisite: None	Course Fee: None
Current issues from historical and geographical perspectives; knowledge of key contemporary personalities and events that impact lives	

Bible as Literature	
Course Code: 01059G1000	1 Credit
Prerequisite: None	Course Fee: None
Study of the Old Testament, New Testament, heroes, prophecies, poetry and prose style	

Creative Writing	
Course Code: 01104G1000	1 Credit
Prerequisite: None	Course Fee: None
Composing poetry, short stories, and critical responses	

Journalism I	
Course Code: 11101G1013	1 Credit
Prerequisite: None	Course Fee: None
Newspaper study; newspaper production; news information gathering; proofreading; journalistic writing	

Speech I	
Course Code: 01151G1011	1 Credit
Prerequisite: None	Course Fee: None
Oral reading; children's literature; delivering, selecting, organizing speeches; persuasion; poise and verbal skills	

Research in Design in Biology	
Course Code: 03009G1000	1 Credit
Prerequisite: None	Course Fee: None
Use of the science and engineering practices and crosscutting concepts in the science framework to develop science and engineering design/technology research and projects; independent study; safety issues and research protocols; may include scientific paper; competition in fairs and paper symposia.	

Research in Design in Chemistry	
Course Code: 03108G1000	1 Credit
Prerequisite: None	Course Fee: None
Use of the science and engineering practices and crosscutting concepts in the science framework to develop science and engineering design/technology research and projects; independent study; safety issues and research protocols; may include scientific paper; competition in fairs and paper symposia.	

Sports Officiating Certification	
Course Code: 08019G1000	1 Credit
Prerequisite: Beginning Kinesiology	Course Fee: None
<p>This course is an elective course that focuses on the professional philosophy, and professional requirements for officiating sports for athletic contests. This course will cover officiating football, basketball, wrestling, volleyball, soccer, baseball, track and field, and softball. Upon completion of the course, students will be afforded the option to take certification exams for any of the sport components to become a restricted certified official with the Alabama High School Athletic Association at the middle/junior high school level.</p>	

Web Design I	
Course Code: 05254G1012	1 Credit
Prerequisite: None	Course Fee: None
<p>Web Design I enables the student to become a Web Design Intern for a virtual company called Education Designs. The student will use the same computer each day and will have access to storage space on that computer. The student will learn Internet basics, HTML, and the file structure of a well-organized Website. Visually interesting Web pages will be developed using clear text, complimentary colors, visual assets, and appealing designs. The student will learn how to navigate the Internet to build a Website with useful and well-researched information.</p>	

Math Lab Elective	
Course Code: 02996G1000	1 Credit
Prerequisite: None	Course Fee: None
<p>School systems should provide instructional support (labs or intervention periods) for students in Geometry with Data Analysis, Algebra I with Probability, and Algebra II with Statistics. Student assignment to this class period and the length of this class period are at the LEA's discretion. Credit for this class period would count as elective credit, not mathematics credit.</p>	

Transition Services	
Course Code: 22151X1000	1 Credit
Prerequisite: None	Course Fee: None
<p>This course is designed to teach beginning transition skills to junior high/high school students. This course will prepare students to become self-advocates, participate in postsecondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school.</p>	

