



AUBURN HIGH SCHOOL

CURRICULUM GUIDE
2025-2026



The mission of Auburn High School is to inspire minds, build character, and equip for life.

HOW TO USE THIS GUIDE

The curriculum guide is the academic blueprint to Auburn High School. With so many courses to choose from, developing a schedule can be overwhelming, especially for sophomores and students new to AHS. We suggest reading through the first section, the Academic Overview, to get a general understanding of registration, course requests, schedule requests and changes, and what credits students need to obtain an AHS diploma. The second section, Diploma Requirements, provides a checkpoint to ensure you are taking the courses you need to earn the diploma or academic endorsement you want. This page, How to Use this Guide, offers good advice for tackling the third section, the Course Offerings. With over 140 elective options, it will be important to have an idea of how you can develop a plan for your best high school schedule yet! The Curriculum Guide concludes with a contacts page so that you can get the help you need from your AHS team.

Start with the end in mind

No matter where you are in your academic life, where do you want to be when you come to the end of your senior year? A great place to start is to decide your Program of Study—will you take primarily Core courses or Advanced Placement courses? Will you pursue the International Baccalaureate diploma? The answer to this question will help you narrow the field for your course requests. Use the Auburn High School Core Curriculum sheet (credits for graduation) to guide your planning.

Review the mandatory courses

What will you need to take to graduate in your program of study? Different endorsements require different credits. Look at the general graduation requirements, as well as the three academic endorsements all Alabama students can pursue. If you are interested in IB, review the specific requirements for an IB diploma. If you're a high school athlete looking to play in college, look at the NCAA-approved courses.

Review the elective course options

Electives are what make high school individual to you. AHS has so many electives to choose from. This is where you can explore your interests and develop skills outside of traditional academic curricula.

Make a plan

See how far you can get in filling your own schedule for next school year before you request courses on PowerSchool. You will likely have questions, but you should be able to determine your eight credit requests.

Get your questions answered

For any remaining questions, jot them down to ask your counselor!

NOTE: The Table of Contents is hyperlinked to the corresponding sections throughout the curriculum guide. The first section of the guide includes general information relevant to all students. The next section has references and guides to more specific information for specialized interests. The third section includes our AHS course offerings. The last section includes contact information.

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AUBURN HIGH SCHOOL

ACADEMIC OVERVIEW

2025-2026

ACADEMICS

We are committed to providing a rigorous and inclusive academic environment that fosters critical thinking, creativity, and lifelong learning, ensuring every student is prepared for success in college, career, and beyond.



AUBURN HIGH SCHOOL CORE CURRICULUM

26 Credits Required for Graduation

English

4 credits

English 9: Regular or Advanced
English 10: Regular or Advanced
English 11: Regular, AP, Dual Credit, or IB
English 12: Regular, AP, Dual Credit, or IB

Mathematics

4 credits

Geometry & Data Analysis	Algebra w/Finance	AP Statistics
Advanced Geometry and Algebra II	Pre-Calculus, Regular or Dual Credit	IB Math Studies
Algebra I w/ Probability	Calculus, Regular or Dual Credit	IB Standard Level Math
Algebra II w/ Statistics	AP Calculus AB	IB Higher Level Math
Applications of Finite Math	AP Calculus BC	AP Computer Science Principles
		AP Computer Science A

Science

4 credits

Must complete Biology and a Physical Science and two other Science courses.

Biology: Regular, Advanced, AP, or IB

Physical Sciences

- Physical Science
- Chemistry: Regular, AP, IB, or Dual Credit
- Physics: Regular, AP 1, AP 2
- Physics C: Mechanics, AP

Other Sciences

- Anatomy and Physiology
- Introduction to Biotechnology (Genetics)
- Forensic and Criminal Investigation
- Earth Science
- Environmental Science: Regular or AP

Social Studies

4 credits

Students who take AP European History in 10th grade and do not take AP U.S. History in 11th grade must take 10th grade U.S. History AND 11th grade U.S. History during their junior year.

9th: World History & Geography Since 1500
10th: U.S. History I OR AP European History
11th: U.S. History II OR AP U.S. History
12th: American Government & Principles of Economics: Regular or AP

Mandatory Electives

Beginning Kinesiology	1 credit
Career Preparedness	1 credit
Health	0.5 credits

Special Electives

3 credits

Arts, Career and Technical Pathway, World Languages (any combination)

Other Electives

4.5 credits

Total

26 credits

CREDIT AWARDING POLICIES

Graduation Requirements (Classes of 2026, 2027, 2028)

To receive an Auburn High School Diploma, all students are expected to complete the following core curriculum and selected electives:

1. All students enrolled at Auburn High School must be pursuing a diploma.
2. Each student is expected to take a minimum of four core courses per year.
3. For students taking Grade 8 Accelerated Mathematics, four additional mathematics credits must be earned in grades 9 through 12.
4. Students taking a world language in the 8th grade, who successfully complete the course, will earn one world language credit towards graduation.
5. All students will have an online experience. An online experience, according to the Alabama State Department of Education, is defined as a structured learning environment that utilizes technology—consistently and regularly—with Intranet/Internet-based tools and resources as the delivery method for instruction, research, assessment, and communication.
6. No credit towards graduation will be given for courses taken prior to the 8th grade.
7. Grades earned prior to the 9th grade year will not be calculated into the high school Grade Point Average (GPA).
8. Students must take and pass the Civics Exam, required by the state of Alabama, with a grade of 60 or higher.
9. Students must earn ONE or more of the following college or career readiness indicators (CCRIs) to graduate.
10. The requirements for graduation are outlined on the following pages.

Grading Scale

Standard	Quality Points	Advanced, Advanced Science, World Language (Level 3 or 4)	AP/IB (Weighted)
A = 90 - 100	4	4.5	5
B = 80 - 89	3	3.5	4
C = 70 - 79	2	2.5	3
D = 60 - 69	1	1.5	2
F= 59 & below	0	0	0

Students transferring to Auburn High School will be awarded weighted credit for any AP/IB course they have taken at another school.

Incomplete Policy

An "I" (incomplete) may be given temporarily under certain situations in lieu of a grade when a student does not complete the requirements of the course. The student must plan with the teacher to fulfill those requirements. Teachers must submit final grades for each student at the end of the grading period or indicate to the Registrar what arrangements have been made to remove the "I" (incomplete).

PROGRAMS OF STUDY

Core Curriculum

The core curriculum is what you must take to earn your high school diploma. A core curriculum program of study may or may not include advanced courses, but will not earn you an advanced endorsement, a Career and Technical endorsement, or an IB diploma.

Advanced Placement (AP) Curriculum

Auburn High School offers a wide range of Advanced Placement courses and administers Advanced Placement exams in May of each year. Because of their academic rigor, AP courses are assigned a weighted grade. Acceptable AP test scores may enable students to earn college credit by demonstrating competence in freshman, college-level coursework, depending on specific college requirements. Advanced Placement exams are offered in the following areas: Biology, English, Spanish, German, French, Calculus, Statistics, Chemistry, American History, European History, Visual Art, Economics, Government, Psychology, Music, Art History, Computer Science, Environment Science and Physics. Most Advanced Placement courses require summer assignments. Students and parents should be very sensitive to the demanding nature of Advanced Placement courses. Reading expectations for the classes are extensive. Students will be involved in college-level activities, particularly in the areas of writing skills and test-taking. Advanced Placement courses place a high degree of emphasis on the student's self-motivation, study skills, and the ability to self-direct his/her learning. If students have questions as to their potential in a course, they should check with their current teacher of that particular subject. Students are required to take the AP exams which are given in May. Students must take the AP/IB exams. The cost is approximately \$110 per exam. Should a student voluntarily decide to forego an AP exam, weighted credit for the course may be denied.

International Baccalaureate (IB) Curriculum (See diploma requirements)

All IB diploma candidates are required to complete one subject from each of the six groups. At least three but not more than four of the six subjects are taken at the Higher Level (HL); the others are taken at the Standard Level (SL). Each required subject is graded on a scale of 1 (minimum) to 7 (maximum). The awarding of the IB Diploma requires a minimum of 24 total points on the IB exams and the completion of three additional requirements: the Extended Essay, an independent research paper; a course entitled Theory of Knowledge (TOK), which explores the relationship among various disciplines and ensures that students engage in critical reflection and analysis of the knowledge required within and beyond the classroom, and Creativity, Action, and Service (CAS) activities. IB evaluates the Extended Essay, Theory of Knowledge Essay, and CAS requirements. If any component is found lacking, the IB Diploma will not be awarded. Because of their academic rigor, IB courses are assigned weighted grades. The cost of the IB Diploma program is approximately \$840.00. A deposit is paid in the fall of the student's junior year. The remainder is due by the fall of the student's senior year. IB classes are open to any student with the required prerequisite courses and an interest in a challenging and broad academic program. Any student considering the IB Diploma Program is strongly encouraged to complete their P.E. credit, Health credit, and Computer Application (Career Preparedness) credit prior to their junior year.

Special Education Curriculum (By Placement)

Diploma options for students with Individualized Education Plans are discussed and selected upon placement in the program and/or during annual IEP team meetings. Individual Case Managers may be contacted for specific information regarding diploma options.

NON-TRADITIONAL CREDIT PROGRAMS

Accelerated High School Student

Junior and senior students with a “B” average and currently meeting all requirements for graduation may elect to attend an accredited post-secondary institution during the day. Credits earned at these institutions do not count toward the required 26 credits. Students interested in this educational option should contact their Counselor.

ACCESS Distance Learning

(Alabama Connecting Classrooms, Educators & Students Statewide) Auburn High School offers online courses to all students through the Alabama State Department of Education ACCESS Distance Learning Program. Courses are taught by certified teachers through an online course module where assignments, online texts and messages are posted. Students access the online courses in a computer lab during the assigned block in their school day schedule. Each computer lab is monitored by an ACCESS facilitator daily to assist students. Students considering ACCESS courses need to have a good work ethic and should also be comfortable using a computer and working on the Internet. Students may view a course listing and request ACCESS courses through their assigned counselor. During the school year, space is limited, and students must receive prior approval to enroll. ACCESS courses with identical names to other Career and Technical Education classes do not qualify as part of the CTE Pathway or contribute toward earning a CTE endorsement. ACCESS is also offered each summer for a fee. Any student electing to take access courses must be prepared to incur additional fees or costs designated by the instructors (textbooks, lab notes, etc.).

Community Service and other Learning Experiences

In the state of Alabama, students who are released to a planned and supervised educational or work experience, i.e., Cooperative Education, Work-Based Learning, Apprenticeship Programs, Internships, Dual Enrollment, Early College Enrollment, Extended Learning Opportunity, or other programs approved by the Alabama State Department of Education are the only students permitted to arrive and/or leave campus during the regular school day. These options are designed to enhance the Alabama State Department of Education’s goal of having students “College and Career” ready as they graduate high school.

Extended Learning Opportunity (1 Elective Credit)

An Extended Learning Opportunity (ELO) is an independent, out-of-classroom experience approved by Auburn City Schools in which a student benefits from developing and experiencing extended learning opportunities to enhance knowledge outside the traditional classroom under the guidance of an eligible and qualified mentor or mentor organization. The ELO must contain a minimum of 200 hours. Rising 11th and 12th graders may apply for an ELO through an application process followed by the development of a Learning Plan (learning goals, benchmark goals, final product) for the project. Applications are due April 1st and are available in the guidance office along with more detailed descriptions and requirements.

Students who are interested in one of these options will be required to provide documentation and approval prior to having it reflected on his/her schedule. Additionally, students will only be considered if they are on track for graduation. Documentation of site supervisor and parent consent must be provided.

NON-TRADITIONAL CREDIT PROGRAMS

Computer-Based Credit Recovery

Auburn High School students may only take a course via Credit Recovery (CR) if they have previously taken and failed the same course with a grade of 40 or above. The maximum grade in a CR course is a 70. Students will not be pulled out of class during the semester and placed in CR. They must first take and fail the entire course. Students will be unable to take credit recovery for an AP course. Students who fail AP courses are automatically removed from the class and placed in a core equivalent. Note: Credit Recovery courses are not NCAA-approved.

Credit Advancement Tests

Auburn High School offers the opportunity for students to take comprehensive subject tests to exempt them from taking actual classes. The student's counselor must approve this test. Students who score an 80 or higher prove proficient and have the option to accept the test score as the letter grade for that subject (which will go on the transcript) or take the actual class for credit. Credit advancement subject tests may only be attempted once and on subjects not previously attempted. Testing takes place in December and May of each year. See your counselors for details.

Dual Enrollment and Dual Credit

Auburn High School currently has agreements with Auburn University, Southern Union State Community College, Troy University, and The University of Alabama to provide dual credit options for students. Dual credit allows students to apply their college-level work to both their high school curriculum and their college curriculum, earning credits at both institutions. Dual enrollment refers to students taking college courses while still enrolled in high school, only earning college credit for the course. Students may take any course offered to earn dual credit. AHS is excited to offer these opportunities to our 11th and 12th-grade students. Each institution has its own admissions process. Parents and students should communicate directly with each institution to ensure that they have completed the steps involved for admission. It is important to note that dual credit coursework requires students to complete registration at BOTH the high school and the college. AHS will provide all three institutions with a counselor letter of support and a high school transcript upon request. It is the responsibility of the student and parent to secure admission to the program of their choice. Simply requesting the course at AHS does not guarantee acceptance into the dual credit program. Please review each of the programs to determine what works best for your student. It is the student's responsibility to ensure they have transportation to leave AHS during the scheduled dual enrollment/credit class periods.

December Graduates

Auburn High School students have the option of graduating in December of their senior year. To qualify, students must have a minimum of 22 credits that meet the required coursework by the end of their junior year and have attained a "College or Career Readiness Indicator" (see page 10) prior to their senior year to graduate early. There is no December graduation ceremony. December graduates will be allowed to participate in the May graduation ceremony. No diplomas will be issued in December. December graduates will not be allowed to participate in any other extracurricular activity (prom, clubs, honor societies, or sports) after December. Students must meet with their assigned counselor to plan for this option. Students will be labeled as a "graduate" for the spring semester.

OTHER HIGH SCHOOL GRADUATION READINESS INDICATORS

Alabama Civics Exam

In 2017, the Alabama Legislature passed a law that requires public high school seniors to pass an American civics test as part of the requirements for graduation. Pursuant to statutory requirements, students must take and pass a 100-question test about American history and government.

College or Career Readiness Indicators

Starting with the Class of 2026 and beyond, students must earn the required credits and earn ONE or more of the following college or career readiness indicators (CCRIs) to graduate. To be considered “College or Career Ready” by the Alabama State Department of Education, a high school student must meet one (1) of the following criteria:

(1) **AP and IB:** Make a qualifying score on an AP or IB Exam

AP Scores: 3, 4, or 5

IB Scores: 4, 5, 6, or 7

(2) **ACT:** Make a benchmark score in at least one area of the ACT with Writing Exam. All students enrolled in 11th grade will take the ACT with Writing. Scores from this test may be used for college admission. Benchmark scores for the ACT are as follows:

English	Reading	Math	Science
18	22	22	23

(3) **Dual Credit/ Enrollment:** Receive transcribed college or post-secondary credit (Dual Enrollment/Dual Credit)

(4) **Military Enlistment**

(5) **WorkKeys:** Make a benchmark score, Silver Level or above, on the Work Keys Exam.

(6) **Career and Technical Education Approved Credential:** Receive a CTE Career Readiness Indicator Credential

(7) **Career and Technical Education Program Completer**

(8) **In-School Youth Apprenticeship**

National Collegiate Athletic Association (NCAA) Initial Eligibility

All prospective student-athletes intending to enroll in an NCAA Division I or II institution must register with the NCAA Clearinghouse at the end of their junior year. Please visit www.ncaaclearinghouse.net for detailed information and instructions. A list of all courses approved by the NCAA as core courses is available in this guide. Courses made up in credit recovery are not accepted by the NCAA.

THE COURSE REQUEST PROCESS

Auburn High School offers a comprehensive educational program to meet the needs and interests of all students. The Master Schedule is developed from course requests submitted beginning in February to create students' and teachers' schedules for the entire school year. It is imperative that parents and students seek the guidance of their assigned counselor when choosing courses, if warranted. It is in the student's best interest to have an appropriate completed schedule prior to the beginning of the following school year, so we have included the following information and timeline:

SCHEDULE REQUEST WINDOW

- Our updated online Course Curriculum Guide will be available in February 19.
- **Course Request Forms Distributed:** February 19, 2025 (during Tiger Connect)
- **Virtual Students:** Pick up course request sheets on February 24, 2025.
- **AHS Curriculum Night:** February 25, 2025
- Parent/Guardian Signature is required on the registration form.
- **Course Request Workshops:** March 3 - 6, 2025
- **Online Course Request Portal:** Available March 3 - 6, 2025, during Tiger Connect classes for upcoming juniors and seniors.

STEPS FOR COURSE REGISTRATION

Step One: Complete Your Course Request Sheet

- Write your full name on every page of the form.
- Select your courses for the next school year (courses are listed by department). Students must request a total of 8 credits for the year.
- List at least two alternative courses on Page 2 in case your first choices are unavailable.
- Check prerequisites and fees in the AHS Curriculum Guide before making your selections.

Step Two: Attend a Course Request Workshop (March 3-6, 2025)

- When: During your Tiger Connect class in the morning (March 3-6).
- What to Bring: Your completed course request form.
- What to Expect:
 - Counselors and teachers will guide you through the course selection process.
 - You will enter your course requests into PowerSchool with staff assistance.

[illegible]

This is a sample course request sheet. Use this as a guide when selecting your courses for the next school year. Be sure to review prerequisites, credit requirements, and alternative course options before submitting your selections



AUBURN HIGH SCHOOL

DIPLOMA REQUIREMENTS

2025-2026



DIPLOMA

To earn a diploma from Auburn High School, students must fulfill Alabama state graduation requirements, including coursework in core academic subjects, electives, and career preparation, while maintaining the flexibility to pursue advanced and personalized learning pathways.

ACADEMIC ENDORSEMENTS

Students may enhance their Auburn High School academic experience by pursuing three additional Endorsements: Career and Technical, Advanced Academic or Advanced Career and Technical. Following successful completion of the endorsement requirements, graduates will receive an official designation printed on their transcript. This designation will serve as verification of their completion of additional or advanced high school coursework. All students are highly encouraged to pursue this additional challenge. To obtain an endorsement, students must fulfill the requirements listed on the previous pages and the additional requirements listed below:

Auburn High School Career and Technical Endorsement

Career and Technical Education	3 credits
A sequence of three consecutive courses within a designated Career and Technical Education (CTE) pathway	

Auburn High School Advanced Academic Endorsement

Mathematics	4 credits
Must include Algebra II w/Stats and at least one additional higher-level math	
Science	4 credits
Must include Biology, a physical science (Physical Science, Chemistry, or Physics) and at least two of the following: Chemistry, Physics, Anatomy, Intro to Biotechnology, IB/AP Biology, IB/AP/ DE Chemistry, AP Physics 1, AP Physics 2, or AP Environmental Science	
World Language	2 credits
Same language, one credit may be earned in 8th grade	

Auburn High School Advanced Career and Technical Endorsement

Mathematics	4 credits
Must include Algebra II w/Trig or Algebra II w/Stats and at least one additional higher math	
Science	4 credits
Must include Biology, a physical science (Physical Science, Chemistry, or Physics) and at least two of the following: Chemistry, Physics, Anatomy, Intro to Biotechnology, IB/AP Biology, IB/AP/ DE Chemistry, AP Physics 1, AP Physics 2, or AP Environmental Science	
Career and Technical Education	3 credits
A sequence of three consecutive courses within a designated Career and Technical Education (CTE) pathway	

Students may earn both the Advanced Academic and Advanced Career and Technical Endorsements concurrently if they meet both requirements (2 world language credits and 3 Career and Technical Education credits).

IB DIPLOMA REQUIREMENTS

The IB Diploma Programme curriculum is made up of three core elements and six subject groups.

The Three Core IB elements:

- **Theory of Knowledge:** (TOK) is a one credit required interdisciplinary course intended to stimulate critical reflection upon the knowledge and experience gained inside and outside the classroom. TOK challenges students to question the bases of knowledge, to be aware of biases, and to develop a personal mode of thought based on analysis of evidence expressed in rational argument. TOK seeks to develop a coherent approach to learning that transcends and unifies the academic subjects and encourages appreciation of other cultural perspectives. TOK is required for the IB Diploma; students are evaluated on class presentations and an essay that is submitted for assessment by IBO in April. Students begin work on their Extended Essays as part of this class.
- **Extended Essay:** The extended essay is an independent, self-directed piece of research, finishing with a 4,000-word paper. Students will begin this during the junior year. The final essay will be due the day after Labor Day of the student's senior year.
- **Creativity, Action and Service (CAS):** Students complete activities related to creativity, action, and service.

The Six IB Subject Groups:

1. Studies in language and literature
2. Language acquisition
3. Individuals and societies
4. Sciences
5. Mathematics
6. The arts | general electives

IB Course Suggested Sequencing

The IB course suggested sequencing provides examples of common and different sequences in each of the six IB subject groups for students to earn an IB Diploma. It is a supplement to assist pre-planning; however, it is important to speak with the IB counselor, Mr. James Tindell, before making plans, as there could be more options for courses and sequences.

Auburn High School requirements:

9th Grade	Beginning Kinesiology and Career Preparedness
10th – 12th Grades	Health (½ credit) and Fine Arts (½ credit – optional)

GROUP 1: Studies in language and literature (HL)

9th Grade	Advanced English 9
10th Grade	Advanced English 10
11th Grade	IB English SL
12th Grade	IB English HL

GROUP 2: Language acquisition (SL)

French, German, or Spanish languages, subject to fluctuation based on scheduling availability

8th Grade	I		
9th Grade	II	I	
10th Grade	III	II & III	I
11th Grade	IV	IV	II & III
12th Grade	V	V	IV (Ab Initio)

Ab Initio is available only for those students who cannot take the full sequence of world language courses due to some unusual scheduling conflict. Students must complete Level IV to meet the requirements for Ab Initio. Approval by the IB Coordinator and/or IB Counselor is required.

GROUP 3: Individuals and societies (SL)

9th Grade	World History
10th Grade	AP European History or US History 10
11th Grade	IB History SL
12th Grade	IB History HL
Electives	IB Economics may be taken as a 6th area IB elective (when offered) Government and/or Economics may be taken as an AHS elective

GROUP 4: Sciences (SL or HL)

	Biology Path	Chemistry Path
9th Grade	Advanced Biology	Advanced Biology
10th Grade	Physical Science, Anatomy, or *Chemistry	Physical Science, *Chemistry, Physics
10th or 11th Grade	*Chemistry, Anatomy, or Physics	*Chemistry or Physics
11th Grade	AP/IB Biology (4 quarters)	AP Chemistry (2 credits) IB Chemistry SL (1 credit)
12th Grade	AP/IB Biology (4 quarters)	AP Chemistry (2 credits) IB Chemistry SL (1 credit)
Electives	Physics or Environmental Systems and Societies SL	

*A physical science is required for graduation; therefore, Chemistry or Physics may substitute for Physical Science in grade 10, which is the suggested sequence for incoming IB students. Chemistry should be given priority as it is the prerequisite for ALL AP and IB-level science courses. Only IB Bio is offered at the HL; IB Chemistry is offered only at the SL. Algebra II w/Stats is a prerequisite for Chemistry.

GROUP 5: Mathematics

The IB student may choose one of the three paths below. For all paths, the prerequisite classes must be completed by the end of 11th grade, and it may be necessary to take math classes both semesters (“double up”) to accomplish this. IB Math courses are offered 12th grade year only. It is recommended that students take Grade 8 Advanced Math to complete their Algebra I credit.

Analysis and Approaches, HL		
8th Grade	Grade 8 Advanced Math	Grade 8 Advanced Math
9th Grade	Geometry with Data Analysis	Geometry with Data Analysis and Algebra II with Statistics
10th Grade	Algebra II with Statistics and Precalculus	Precalculus
11th Grade	AP Calculus AB	AP Calculus AB
12th Grade	Analysis and Approaches HL	Analysis and Approaches HL
Analysis and Approaches, SL		
8th Grade	Grade 8 Advanced Math	Regular 8th Grade Math
9th Grade	Geometry with Data Analysis	Geometry with Data Analysis
10th Grade	Algebra II with Statistics and Precalculus	Algebra 1 with Probability and Algebra II with Statistics
11th Grade	Term Calculus or AP Calculus AB	Precalculus and Term Calculus
12th Grade	Analysis and Approaches SL	Analysis and Approaches SL
Applications and Interpretations, SL		
8th Grade	Grade 8 Advanced Math	Regular 8th Grade Math
9th Grade	Geometry with Data Analysis	Geometry with Data Analysis
10th Grade	Algebra II with Statistics	Algebra 1 with Probability and Algebra II with Statistics
11th Grade	Precalculus	Precalculus
12th Grade	Applications and Interpretations SL	Applications and Interpretations SL

*AP Calculus BC may also be taken 12th grade year at the same time as IB Analysis & Approaches SL or HL as long as AP Calculus AB was completed previously

*AP Statistics may also be taken provided the Algebra II credit has been completed the previous year

GROUP 6: The arts (Choose one):

- IB Visual Art: Prerequisite - Visual Art I
- IB Art: Studio Work and Research Notebook - (SL) 11th or 12th
- IB World Religions
- IB Music SL 11th or 12th
- IB Theatre SL: 11th or 12th
- IB Psychology SL: 11th or 12th
- IB Business Management
- A second science or world language

NCAA APPROVED COURSES FOR AUBURN HIGH SCHOOL

School Code: 010220

As of July 2024

English

English 9
English 9 Advanced
English 10
English 10 Advanced
English 11
English 11 Advanced (AP/IB/DC)
English 12
English 12 Advanced (AP/IB/DC)

Creative Writing (1, 2, and 3)
Debate
Debate Advanced (1 and 2)
Journalism
Public Speaking

Math

Algebra 1
Algebra 1A (.5 maximum credit)
Algebra 1B (.5 maximum credit)
Algebra 1 with Probability
Algebra 1 with Finance
Algebra 2 with Statistics
Applications of Finite Mathematics
Calculus
Advanced Calculus (AP/DC)
Calculus AB/AP
Calculus BC/AP

Computer Science Principles AP
Computer Science Principles
Geometry with Data Analysis
Geometry A (.5 maximum credit)
Geometry B (.5 maximum credit)
IB Higher Level Math
IB Standard Level Math
Pre-Calculus (DC)
Pre-Calculus
Algebra and Trigonometry
Probability and Statistics
AP Statistics

Social Studies

World History/Geography 9
US History 10
European History (AP/Pre IB)
US History 11
American History 11 (AP)
History of the Americas 1 (IB)
History of the Americas 2 (IB)
Criminal Psychology
Sociology

Economics
Economics (AP/IB)
Macroeconomics
Microeconomics
American Government
Government (AP)
Psychology
Psychology (AP/IB)
African American Studies

Science

Anatomy and Physiology
Forensic and Criminal Investigations
Introduction to Biotechnology
Biology
Biology (AP/IB)

Chemistry
Chemistry (AP/IB)
Earth Science
Environmental Science
Physical Science
Physics
Physics (AP/IB)

Additional Core Courses

French 1 – 5
French 5 (AP/IB)

German 1 – 5
German 5 (AP/IB)

Spanish 1 – 6
Spanish 5 (AP/IB)

ALTERNATE DIPLOMA OPTIONS

The Alabama Workforce Pathways diploma is a high school diploma option that allows students to complete career and technical education (CTE) courses in place of additional math and science requirements. This diploma is designed to equip students with practical skills and trade experience, preparing them for direct entry into the workforce after graduation.

Workforce Pathway Comparison			
Option A (Traditional)	26 Credits	Option B (Workforce Pathway)	24 Credits
English	4 Credits	English	4 Credits
Social Studies	4 Credits	Social Studies	4 Credits
Science	4 Credits	Science	2 Credits
Math	4 Credits	Math	2 Credits
Health Education	1/2 Credit	Health Education	1/2 Credit
Career Preparedness	1 Credit	Career Preparedness	1 Credit
Beginning Kinesiology	1 Credit	Beginning Kinesiology	1 Credit
CTE, World Languages, and/or Arts	3 Credits	CTE in Approved Program of Study	3 Credits
Electives	2.5 Credits	Additional, Math, Science, World Languages, Arts and/or Other Electives	2.5 Credits

Key Provisions:

- Workforce Pathways Diploma – A newly established diploma option for Alabama students at the K-12 level.
- Reduced Core Requirements – Students pursuing this pathway are required to complete two math and two science credits instead of the standard four in these subjects.
- Career & Technical Education (CTE) Integration – Students must earn three CTE credits within the same program of study (Ex: JROTC I, JROTC II, and JROTC III), which provides hands-on training and industry-relevant skills.
- Workforce Readiness Focus – This diploma pathway is specifically designed to equip students with the technical and practical skills necessary for immediate employment after high school graduation.

Who Should Consider Diploma Option B? This pathway is ideal for students who are:

- Interested in skilled trades such as manufacturing, construction, healthcare, automotive technology, or information technology.
- Seeking hands-on learning experiences rather than a traditional academic pathway.
- Looking for immediate job opportunities post-graduation with competitive wages and career advancement potential.

Next Steps for Students and Parents: Students interested in pursuing Diploma Option B should consult with their school counselor to discuss eligibility, course options, and career goals.



AUBURN HIGH SCHOOL

COURSE OFFERINGS

2025-2026



COURSES

Auburn High School offers a diverse range of courses, including advanced placement, honors, career and technical education, and elective options, designed to meet the varied interests and academic needs of all students.

Art

The visual arts program is based on a philosophy rooted in the academic tradition of Auburn High School. The visual arts are approached as a discipline stressing visual thinking as an intellectual exercise in the production of works of art along with the study of criticism of historical and contemporary images. The program emphasizes the development of media skills stressing both individual and group critiques as basic to self-expression. Central to the curriculum is skill development and problem-solving in design and observation.

Visual Art I	
Course Code: 05154G1001	0.5 Credit
Prerequisite: None	Course Fee: None
This course introduces the student to the theory, practice, vocabulary, tools, processes, and appreciation of art. This class is designed to provide a foundation for higher-level art and is a required prerequisite for advanced art classes. This course satisfies the State of Alabama requirement for a fine arts elective.	

Visual Arts, 2-Dimensional Design (Drawing)	
Course Code: 05195G1021	1 Credit
Prerequisite: Visual Art I	Course Fee: \$25
Students learn to see as an artist sees and develop skills in the use of the techniques and media of drawing. Students explore the use of line, value, and form through exposure to perspective, still life and figure drawings.	

Visual Arts, 2-Dimensional Design (Drawing) Part 2 or Advanced	
Course Code: 05195G1022	1 Credit
Prerequisite: Visual Art I and 2D Design; recommended 70 or higher in 2D Drawing	Course Fee: \$25
This course builds on foundations from 2D Design Drawing, through guided projects and independent exploration, students will develop a cohesive body of work that reflects their artistic voice, culminating in a portfolio suitable for college applications or personal endeavors.	

Visual Arts, 3-Dimensional Design (Sculpture)	
Course Code: 05195G1031	0.5 Credit
Prerequisite: Visual Art I	Course Fee: \$35
In this course, the student explores three-dimensional design in a variety of media, such as clay, cardboard, fiber arts, and paper machê. Students learn sculpture-specific vocabulary and develop understanding of the Element of Form.	

Visual Arts, 3-Dimensional Design II (Advanced Sculpture)	
Course Code: 05195G1032	1 Credit
Prerequisite: 3-D Art; recommended 70 or higher in 3D Ceramics or Sculpture	Course Fee: \$35
A course that cultivates the skills and concepts previously learned in 3-D Design I, to advance the student's understanding of the fine art of form. Students take a deep dive into ceramics, including a unit on wheel throwing. In addition, students develop their own independent sculpture, starting from the sketchbook planning stages to fruition of the sculpture.	

Visual Arts, Painting II	
Course Code: 05157G1002	1 Credit
Prerequisite: Visual Art I and 2-D Art (Drawing)	Course Fee: \$45
A course in which the student learns to see as an artist sees and develop skills in the use of the techniques and media of painting. Students explore the use of watercolor, acrylic, and oil paint on paper and canvas.	

Visual Arts, Digital Photography I	
Course Code: 05167G10D1	0.5 Credit
Prerequisite: Visual Art I	Course Fee: \$25
This course introduces students to photography for practical use as well as a fine art form. The student will learn to use digital cameras and to manipulate, save and print good-quality photographs using Adobe Photoshop. Students do not need to own a camera to take this class.	

Visual Arts, Printmaking II	
Course Code: 05161G1002	0.5 Credit
Prerequisite: Visual Art I	Course Fee: \$20
The Principles of Art and Elements of Design are easily introduced and expanded upon through a variety of printmaking techniques such as monoprints, dry etching, linoleum relief, collagraphs, and many more. Development of these processes will be covered through Art History lessons, process and vocabulary, and art criticism and judgment.	

Studio Art Two-Dimensional Design, AP	
Course Code: 05174E1000	1 Credit
Prerequisite: Visual Art I and 2-D Art (Drawing)	Course Fee: \$50
A course for final preparation of the AP Art Portfolio. Students work independently with direction and supervision from the art teacher. The AP Studio Art Portfolio is submitted in May for a fee of approximately \$110. Students are expected to participate in AP art show in the spring and will be responsible for the payment of necessary reproductions. This course is recommended for juniors and seniors only.	

Career Preparedness

Career Preparedness (Required)	
Course Code: 22153G1000	1 Credit
Prerequisite: None	Course Fee: None
<p>The Career Preparedness course focuses on three integrated areas of instruction: academic planning and career development, financial literacy, and technology. Course content ranges from college and career preparation to computer literacy skills to ways to manage personal finances and reduce personal risk. The area of technology is designed to be interwoven throughout course instruction. Mastery of the content standards provides a strong foundation for student acquisition of the skills, attitudes, and knowledge that enable them to achieve success in schools, at work, and across the lifespan.</p>	

Driver's Education

Driver's Education	
Course Code: 08152G10AH	0.5 Credit
Prerequisite: None	Course Fee: \$30
<p>A course consisting of classroom instruction and individual driving time in which students learn the fundamentals of safety, their responsibility within the driving environment and gain actual driving experience under the supervision of a certified instructor. Students may get their Driver's license as well as their boat license in this class.</p>	

English Language Arts

English 10	
Course Code: 01002G1000	1 Credit
Prerequisite: English 9	Course Fee: None
<p>A course emphasizing World Literature, a Shakespearean play, composition, vocabulary, and grammar.</p>	

English 10 Advanced	
Course Code: 01002E1000	1 Credit
Prerequisite: English 9	Course Fee: None
<p>An advanced course covering traditional and contemporary American and world literature, composition, vocabulary, and grammar. Summer reading is required for Advanced English 10. 0.5 quality points of weighted credit.</p>	

English 11	
Course Code: 01003G1000	1 Credit
Prerequisite: English 10 or English 10 Advanced	Course Fee: None
A course covering the study of American literature, composition, grammar, and vocabulary.	

English Language and Composition, AP (AP English 11)	
Course Code: 01005E1000	1 Credit
Prerequisite: English 10 or English 10 Advanced	Exam Fee: \$110
A one-credit course covering the study of advanced composition, including detailed study of rhetoric and style. The focus will be on American literature with comparisons to world literature selections. The AP English Language and Composition Exam will be administered in May and is required to receive weighted credit.	

English 12	
Course Code: 01004G1000	1 Credit
Prerequisite: English 11 or AP English 11	Course Fee: None
A course covering the study of British literature, advanced composition, grammar, and vocabulary. Classes will focus on analytic and expository writing.	

English Literature and Composition, AP (AP English 12)	
Course Code: 01006E1000	1 Credit
Prerequisite: English 11 or AP English 11	Exam Fee: \$110
A course focusing on reading literary texts critically and writing analytical essays. The course includes a survey of British literature, heavy emphasis on reading and understanding poetry, study of classics of English literature, and preparation for the AP Exam. The AP English Literature and Composition Exam will be administered in May and is required to receive weighted credit.	

ENGLISH COMPOSITION I – 11th grade (Dual Credit)	
Course Code: 01999C1001	1 Credit
Prerequisite: 2.5 GPA and Qualifying score on the ACT or Accuplacer	Course Fee: SUSCC Tuition
English Composition I provides instruction and practice in the writing of at least four (4) 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. This course also incorporates the 11th-grade reading standards for English. This course may be taken by 11th-grade students. Students will receive their AHS English 11 credit and an English Composition Credit at Southern Union with a score of 70 or above. SUSCC tuition fees apply.	

ENGLISH COMPOSITION I – 12th grade (Dual Credit)	
Course Code: 01999C1001	1 Credit
Prerequisite: 2.5 GPA & Qualifying score on the ACT or Accuplacer	Course Fee: SUSCC Tuition
<p>English Composition I provides instruction and practice in the writing of at least four (4) 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. This course also incorporates the 12th-grade reading standards for English. This course may be taken by 12th-grade students. Students will receive their AHS English 12 credit and an English Composition Credit at Southern Union with a score of 70 or above. SUSCC tuition fees apply.</p>	

ENGLISH COMPOSITION II – 12th grade (Dual Credit)	
Course Code: 01999C1002	1 Credit
Prerequisite: Dual Credit English 101 credit or Qualifying ACT score or AP Score; 2.5 GPA	Course Fee: SUSCC Tuition
<p>English Composition II provides instruction and practice in the writing of four (4) 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. This course also incorporates the 12th-grade reading standards for English. This course can be taken by 12th-grade students who have previously taken Dual Credit English 101 or would be able to CLEP 101 due to a qualifying AP or ACT score. Students will receive their English 12 credit and an English Composition Credit at Southern Union with a score of 70 or above. SUSCC tuition fees apply.</p>	

African and African American Studies I	
Course Code: 01099G10AS	1 Credit
Prerequisite: None	Course Fee: None
<p>African and African American Studies will provide a chronological framework for African and African American History while exploring Black identities and the soul of the Black experience. This course will examine the history and culture of Africa and the African American experience in an interdisciplinary format, including an analysis of the unique historical, cultural, and social developments predating the Middle Passage to the Reconstruction. Although this course has a part 2, part 1 is a standalone course. The course will address the literary and artistic contributions of African Americans to American culture. Critical thinking, reading, writing, and oral presentation skills are emphasized.</p>	

African and African American Studies II	
Course Code: 01099G10A2	1 Credit
Prerequisite: None	Course Fee: None
<p>African and African American Studies will provide a chronological framework for African and African American History while exploring Black identities and the soul of the Black experience. This course will examine the history and culture of Africa and the African American experience in an interdisciplinary format, including an analysis of the unique historical, cultural, and social developments beginning at the end of Reconstruction through present day events. Although this course begins after the Civil War beginning where Part 1 left off, there is no prerequisite required to take Part 2, nor do the courses have to be taken in order. Part 2 is a standalone course, as is Part 1. The course will address the literary and artistic contributions of African Americans to American culture. Critical thinking, reading, writing, and oral presentation skills are emphasized.</p>	

ACT Prep	
Course Code: 23992X10AH	0.5 Credit
Recommended Prerequisite: Successful completion of or currently enrolled in Geometry	Course Fee: \$15
<p>ACT Prep is a course designed to prepare students for the ACT. Students will practice the different sections of English, Science, Math, Reading, and Writing. They will look at tips for success, as well as strategies for improving their scores. Students will also practice what it feels like to take an ACT by preparing them for the environment of test day. As a result, students will feel more comfortable, confident, and relaxed when they take the test.</p>	

Creative Writing (1 credit) Introduction to Writing	
Course Code: 01104G1000	1 Credit
Prerequisite: None	Course Fee: None
<p>Creative Writing 1 introduces students to the foundations of imaginative writing across multiple genres, including poetry, fiction, and creative nonfiction. Through exercises, workshops, and peer feedback, students will explore narrative structure, character development, voice, and language. The course emphasizes discovering one's unique writing style while fostering a supportive community of writers. No prior creative writing experience is necessary. Students will develop a portfolio to showcase their writing.</p>	

Creative Writing (.5 credit) Introduction to Writing	
Course Code: 01104G0500	0.5 Credit
Prerequisite: None	Course Fee: None
<p>Creative Writing 1 introduces students to the foundations of imaginative writing across multiple genres, including poetry, fiction, and creative nonfiction. Through exercises, workshops, and peer feedback, students will explore narrative structure, character development, voice, and language. The course emphasizes discovering one's unique writing style while fostering a supportive community of writers. No prior creative writing experience is necessary. Students will develop a portfolio to showcase their writing.</p>	

Creative Writing II Developing Craft and Voice	
Course Code: 01104G10L2	1 Credit
Prerequisite: Creative Writing I (Full or Half Credit)	Course Fee: None
<p>Building on the foundation of Creative Writing 1, Creative Writing 2 deepens students' engagement with their writing through more complex projects and a focus on honing individual style and voice. The course expands on genre-specific techniques, encouraging students to experiment with structure, perspective, and dialogue. Through advanced writing exercises, longer works, and critique sessions, students will refine their craft and develop their own writing portfolios. Prerequisite: Creative Writing 1 or instructor approval.</p>	

Creative Writing III Advanced Workshop and Manuscript Development	
Course Code: 01104G10L3	1 Credit
Prerequisite: Creative Writing II	Course Fee: None
<p>Creative Writing 3 is designed for advanced writers who are ready to take their work to the next level. This course emphasizes intensive workshoping, manuscript development, and preparation for publication. Students will focus on completing polished works in their chosen genre, engaging in critical feedback, and revising with an eye toward professional standards. The course will also cover aspects of the publishing process, including query letters and submission strategies. Prerequisite: Creative Writing 2 or instructor approval.</p>	

Debate	
Course Code: 01151G1001	1 Credit
Prerequisite: None	Course Fee: None
<p>This course is for the more advanced student who already understands research skills and is an avid reader of political and current-event issues. Students develop critical thinking and analytical skills along with logic and impromptu speaking techniques to defend opposing sides of social issues. This course provides instruction and practice in the art of public speaking, with an emphasis on debate. Students train to compete in tournaments in the events of the Lincoln-Douglas Debate, Public Forum Debate (a type of team debate), Extemporaneous Speaking (impromptu speeches and analyzing current events), and Model Congress. Most of the course focuses on the in-class debating of major political and ethical issues. Students are taught case writing, rebuttals, cross-examination skills, analytical thinking, and political and moral philosophy. Students are not required to participate in competitive tournaments. Fees will be assessed by the tournament if students choose to participate.</p>	

Advanced Debate	
Course Code: 01151G10D2	1 Credit
Prerequisite: Debate	Competition Fee: \$200
<p>Advance Debate students will continue to expand their knowledge of various forms of debate. Students will learn debating skills, primarily for interscholastic tournament competitions. The class will cover the thinking processes and research techniques to develop assignments, as well as the speaking skills to present, refute, and defend ideas. Considerable out-of-class time will be required for research, preparation, practice, and tournament participation. Debate provides essential training in citizenship development. Students become familiar with important political and social issues and learn the complexities of responsible choices concerning public issues. High school debate students receive higher grades and are more likely to continue to post-secondary education than comparable high school students involved in any other activity. Students must have completed Debate I to be eligible for Advance Debate. Students in Advanced Debate are required to compete in one tournament per semester. Additional fees will be paid per tournament. This course earns an additional 0.5 quality points of weighted credit.</p>	

Advanced Debate 2	
Course Code: 01151G10D3	1 Credit
Prerequisite: Debate and Advanced Debate	Competition Fee: \$200
<p>This course provides instruction and practice in even more advanced skills of competitive speech and debate. Students train to compete in tournaments in the events of the Lincoln-Douglas Debate, Public Forum Debate (a type of team debate), Extemporaneous Speaking (impromptu speeches and analyzing current events), and Model Congress. Considerable out-of-class time will be required for research, preparation, practice, and tournament participation. Students must have completed Debate I and Advanced Debate to be eligible for this class. Students must participate in at least two tournaments per semester. Additional fees will be paid per tournament. This course earns an additional 0.5 quality point of weighted credit.</p>	

Public Speaking	
Course Code: 01151G1000	1 Credit
Prerequisite: None	Course Fee: None
<p>This course is an introduction to speech communication that emphasizes the practical skill of public speaking, including techniques to lessen speaker anxiety, and the use of visual aids to enhance speaker presentations. Civility and ethical speech-making are the foundations of this course. The goal is to prepare students for success in typical public speaking situations and to provide them with the basic principles of organization and research needed for effective speeches.</p>	

School Publications (Yearbook)	
Course Code: 11104X1000	1 Credit
Prerequisite: Application with teacher approval and experience in Journalism, Advertising Design, or Photography	Course Fee: None
<p>This is a year-long course in which students create the AHS yearbook. Students must fill out an application for consideration. Students who are accepted into the class will learn or hone existing skills in journalism, photography, graphic design, and marketing. After training, they will be expected to work independently to create page layouts, conduct interviews, take compelling photos, write journalistically sound stories and captions, and effectively use our online page creation software.</p> <p>Students must submit a yearbook application - https://forms.office.com/r/JDhMVkVU4G</p>	

Health

Health (Required)	
Course Code: 08051G0500	0.5 Credit
Prerequisite: None	Course Fee: None
<p>A course required for graduation from high school. Students are exposed to general information concerning good health practices so they may make better lifestyle decisions. Content areas covered are physical health, mental/emotional health, social health, physical fitness, first aid/CPR, nutrition, systems of the body and their functions, substance abuse, human sexuality/abstinence and disease prevention.</p>	

International Baccalaureate Courses

IB electives (excluding Theory of Knowledge) are open to all students – not just full IB Diploma candidates. All IB electives have a \$150 fee for non-IB students (IB students' elective fees are covered in the IB Programme fee). Students are expected to fulfill all IB course requirements to earn an IB certificate for the course.

Language A Literature, SLIB (IB English 11)	
Course Code: 01007E10SL	1 Credit
Prerequisite: Advanced English 10	Course Fee: Included in IB Fees
A course covering the study of advanced composition, vocabulary, grammar, and literature. The focus will be on American literature with comparisons to world literature selections. IB English 11 is part of a two-year course and requires IB Assessment. Summer reading is required.	

Language A Literature, HLIB (IB English 12)	
Course Code: 01007E10HL	1 Credit
Prerequisite: IB English 11	Course Fee: Included in IB Fees
A one-credit course that completes the Language A1 HL requirements for the IB Diploma. Coursework focuses upon reading and analyzing literary texts with the tools of criticism. Students will do an Individual Oral Commentary in the fall and focus upon preparation for the IB English Exams (Paper 1 & 2) administered in May each year. Fees for the exams are included in the total IB fees. Summer reading is required.	

Math: App & Interpret, SL, IB	
Course Code: 02139E10SL	1 Credit
Prerequisite: Precalculus	Course Fee: Included in IB Fees
A course which will prepare the student to take the International Baccalaureate Applications and Interpretations Standard Level Exam. This course is for students with varied mathematical backgrounds and abilities. The course is designed to build confidence and encourage an appreciation of mathematics in students who do not anticipate a need for mathematics in their future studies. Topics include algebra, logic and probability, functions, geometry, trigonometry, statistics, introductory differential calculus, and financial mathematics. One internal assessment piece of work will be required.	

Math: Analysis & Approach, SL, IB	
Course Code: 02140E10SL	1 Credit
Prerequisite: Calculus or AP Calculus AB	Course Fee: Included in IB Fees
A course which will prepare the student to take the International Baccalaureate Standard Level Exam. This fast-paced course is designed for students with a good math background and extensively covers topics such as derivatives, antiderivatives, functions, graphing, sequences and series, binomial theorem, trigonometry, vectors, statistics, probability and advanced applications of all of these topics. This course is a college prep course for students interested in fields where some advanced math is needed. One internal assessment explorations paper will be required.	

Math: Analysis & Approach, HL, IB (12th grade)	
Course Code: 02140E10HL	1 Credit
Prerequisite: AP Calculus AB	Course Fee: Included in IB Fees
<p>A course which will prepare the student to take the International Baccalaureate Analysis and Approaches Higher Level Exam. This fast-paced course is designed for students with strong math abilities and backgrounds. It extensively covers all topics taught in IB Standard Level Math but at a higher level plus topics such as proof by mathematical induction, complex numbers. It also includes an in-depth review of Calculus topics from AP-level Calculus. This demanding and intense course is a college prep course intended for students interested in pursuing careers heavily focused on mathematics. One internal assessment explorations paper will be required as well as an additional Comprehensive Paper 3 Exam.</p>	

Bio, SL, IB & Other SDE Life Sci Elect (11th grade)	
Course Code: 03057E10SL AND 03999G1000	2 Credits (1 science & 1 elective)
Prerequisite: Biology and Chemistry with lab	Course Fee: Included in IB Fees
<p>IB Biology is a one-year Higher Level course that fulfills the science requirement for the International Baccalaureate Diploma Programme (DP). The Biology HL & SL courses will provide students with higher-order investigative experiences and activities to promote a deeper understanding of critical concepts in Biology. Such concepts will include basic biochemistry, cell structure and function, genetic patterns of inheritance, plant form and function, evolution, ecology, animal physiology and the international nature of science. It will emphasize the development of inquiry skills and higher-order thinking via experiential learning in both classroom and laboratory settings. IB Biology will include an internal assessment project that requires students to conduct an investigation in the field of biology research. It will also include a Group 4 (DP Science) collaborative project and an externally assessed IB exam at the end of the course. Both of these assessments will contribute to the student's IB grade and will count towards the earning of an IB Diploma.</p>	

Bio, HL, IB & Other SDE Life Sci Elect (12th grade)	
Course Code: 03057E10HL AND 03999G1000	2 Credits (1 science & 1 elective)
Prerequisite: Biology and Chemistry with lab	Course Fee: Included in IB Fees
<p>IB Biology is a one-year Higher Level course that fulfills the science requirement for the International Baccalaureate Diploma Programme (DP). The Biology HL & SL courses will provide students with higher-order investigative experiences and activities to promote a deeper understanding of critical concepts in Biology. Such concepts will include basic biochemistry, cell structure and function, genetic patterns of inheritance, plant form and function, evolution, ecology, animal physiology and the international nature of science. It will emphasize the development of inquiry skills and higher-order thinking via experiential learning in both classroom and laboratory settings. IB Biology will include an internal assessment project that requires students to conduct an investigation in the field of biology research. It will also include a Group 4 (DP Science) collaborative project and an externally assessed IB exam at the end of the course. Both assessments will contribute to the student's IB grade and will count towards the earning of an IB Diploma.</p>	

Chemistry, SL, IB	
Course Code: 03107E10SL	1 Credit
Prerequisite: Biology and Chemistry with lab	Course Fee: Included in IB Fees
<p>IB Chemistry Standard Level (SL) offers students a comprehensive foundation in chemical principles, analytical techniques, and experimental skills. This course explores fundamental topics, including atomic structure, periodicity, chemical bonding, energetics, kinetics, equilibrium, acids and bases, and organic chemistry. Through a blend of theoretical understanding and hands-on investigations, students learn to apply chemical knowledge to real-world scenarios and develop critical thinking skills. The course emphasizes scientific inquiry, data analysis, and lab work, helping students build a deeper understanding of how chemical processes impact both local and global contexts</p>	

Environmental Sys & Societies, SL, IB	
Course Code: 03208E10SL	1 Credit
Prerequisite: None	Course Fee: Included in IB Fees
<p>Through studying environmental systems and societies, students will be provided with a coherent perspective of the interrelationships between environmental systems and societies; one that enables them to adopt an informed personal response to the wide range of pressing environmental issues that they will inevitably come to face. The teaching approach is such that students are allowed to evaluate the scientific, ethical, and socio-political aspects of issues. During the course, students will study eight different topics. An important aspect of this course is the hands-on work in the laboratory and/or out in the field.</p>	

History, SL, IB (11th grade)	
Course Code: 04054E10SL	1 Credit
Prerequisite: History 10 or AP European History (preferred)	Course Fee: Included in IB Fees
<p>This course aims to promote an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations. The 11th-grade curriculum is a survey of American History, and includes in-depth studies on World War II, The Cold War, and the Civil Rights Movement. This class is required for juniors in the IB program.</p>	

History, HL, IB (12th grade)	
Course Code: 04054E10HL	1 Credit
Prerequisite: IB History 11	Course Fee: Included in IB Fees
<p>This course is a continuation of IB History 11, with the focus of study shifting to twentieth-century world history. This class will include in-depth studies of twentieth -century wars and authoritarian states. This course will also include a study of conflict and intervention in the global community. This course, coupled with an Internal Assessment, is a requirement for the IB Diploma.</p>	

Psychology, SL, IB	
Course Code: 04257E10SL	1 Credit
Prerequisite: None	Course Fee: Included in IB Fees
<p>At the core of the IB Psychology course is an introduction to three different approaches {levels of analysis} to understanding behavior: the biological, cognitive and sociocultural approaches. Students study and critically evaluate the knowledge, concepts, theories, and research that have developed the understanding in these fields. The interaction of these approaches to studying psychology forms the basis of a holistic and integrated approach to understanding mental processes and behavior as a complex, dynamic phenomenon, allowing students to appreciate the diversity as well as the commonality between their own behavior and that of others. This course is open to juniors and seniors. While this course is an IB elective, it is open for students to take as a stand-alone course, and one does not have to be enrolled in the IB Diploma Programme.</p>	

World Religions, SL, IB	
Course Code: 04017E10SL	1 Credit
Prerequisite: None	Course Fee: Included in IB Fees
<p>This course is a systematic, analytical yet empathetic study of the variety of beliefs and practices encountered in main religions of the world. The course seeks to promote an awareness of religious issues in the contemporary world by requiring the study of a diverse range of religions. The course consists of an exploration of various religions, an in-depth study of two religions, and an investigative study which includes individual research. This course is open to juniors and seniors. While this course is an IB elective, it is open for students to take as a stand-alone course, and one does not have to be enrolled in the IB Diploma Programme.</p>	

French, B, SL, IB	
Course Code: 24113E10SL	1 Credit
Prerequisite: French 4	Course Fee: Included in IB Fees
<p>This course begins with an intensive overview of French grammar. Development of reading competence in French literature is also stressed. Conversational topics focus on being able to interact with native speakers in situations in a Francophone country. A balanced study of reading, writing, listening and speaking prepares students for the AP French exam and/or for the IB Language B Standard exam. Texts are " French in Action," Tresors du Temps and will be supplemented by a wide variety of other materials. Students in IB French SL are required to take the IB French SL Exam in May.</p>	

German B, SL, IB	
Course Code: 24263E10SL	1 Credit
Prerequisite: German 4	Course Fee: Included in IB Fees
<p>This fifth-year German course gives students extensive practice in the types of listening, speaking, reading, writing and grammar activities which are necessary for the student to do well on the IB German Language B Standard Level Exam. Our textbook along with additional listening (films, podcasts, authentic interviews) and reading (such as novels, poetry and short stories) materials are used in order to build fluency in German. Students will engage in all phases of language proficiency (listening, conversational and presentational speaking, reading and writing) to prepare for the IB German B SL exam, which is administered in May.</p>	

Spanish, B, SL, IB	
Course Code: 24063E10SL	1 Credit
Prerequisite: Spanish 4	Course Fee: Included in IB Fees
<p>This course prepares students to sit for the IB Spanish B SL exam. Students receive extensive practice in listening, speaking, reading, and writing in Spanish. The textbook is <i>Diverso Español B</i>, which is designed and published in Spain and teaches students from a global and intercultural context. Each unit is designed around a different concept such as diversity, co-existence, well-being, etc. Students are required to take the IB Spanish B SL exam in May.</p>	

Music, SL, IB	
Course Code: 05115E10SL	1 Credit
Prerequisite: None	Exam Fee: Included in IB Fees
<p>A one credit course where students will study a variety of musical works spanning different styles, historical periods and national origins. The main emphasis of this study will be from a historical, analytical and theoretical view. The student will also be required to fulfill additional IB requirements as required by the curriculum. A basic understanding of music or prior experience in a music ensemble is required.</p>	

Visual Art, SL, IB	
Course Code: 05173E10SL	1 Credit
Prerequisite: Visual Art I and 2-D Art	Course Fee: \$25
<p>A one-credit course for final preparation of the IB Studio Art/Design or art research. Students work independently with direction and supervision from the art teacher. Teacher approval is required. The IB research workbook is submitted in May with a final exhibition and interview.</p>	

Theatre, SL, IB	
Course Code: 05062E10SL	1 Credit
Prerequisite: Theatre	Course Fee: Included in IB Fees
<p>A course combining advanced theatre students and IB students choosing theatre as their elective. The course spans two years of instruction (1 credit per year) for the IB theatre student. The IB Diploma Program gives students the opportunity to make theatre as creators, designers, directors, and performers. It emphasizes the importance of working both individually and collaboratively as part of an ensemble. It offers the opportunity to engage actively in the creative process, transforming ideas into action as inquisitive and productive artists. Students learn to apply research and theory to inform and to contextualize their work. The theatre course encourages students to appreciate that through the processes of researching, creating, preparing, presenting, and critically reflecting on theatre— as participants and audience members—they gain a richer understanding of themselves, their community, and the world. All IB Theatre students are required to participate in the AHS Theatre productions mounted during their time in the course.</p>	

Business and Management, SL, IB	
Course Code: 12059E10SL	1 Credit
Prerequisite: None	Course Fee: Included in IB Fees
<p>The IB Business Management course is designed to develop students' knowledge and understanding of business management theories, as well as their ability to analyze, discuss and evaluate business activities at local, national and international levels. The course covers key characteristics of a business organization and environment and the business functions of human resource management, finance and accounts, marketing and operations management. In addition, the course aims to develop students' ability to think critically and strategically, make ethically sound and well-informed decisions, appreciate the nature of change, understand the importance of innovation and undertake long term planning, analysis and evaluation.</p>	

Mathematics

Geometry with Data Analysis (Required)	
Course Code: 02073G1000	1 Credit
Prerequisite: Grade 8 Math	Course Fee: None
<p>Students will study transformations, congruence, similarity, and coordinate geometry concepts with an emphasis on informal reasoning and proof to more formal proofs during this course. Other topics included are an introduction to right triangle trigonometry, modeling with geometric shapes, and measurement of solids. In the Data Analysis content area, there is a focus on univariate quantitative data on the real number line (shape, center, and variability) and bivariate quantitative data on a coordinate plane (creating linear models).</p>	

Algebra I with Probability (Required)	
Course Code: 02052G1000	1 Credit
Prerequisite: Geometry with Data Analysis	Course Fee: None
<p>Students will study functions including linear, absolute value, quadratic, and exponential; and functions as explicit (relation between input and output) and recursive (relation between successive values). Properties of algebra are applied to convert between forms of expressions and to solve equations (factoring, completing the square, rules of powers, and radicals). Other topics included are graphing equations and inequalities and concepts of probability.</p>	

Algebra II with Statistics (Required)	
Course Code: 02056G1000	1 Credit
Prerequisite: Algebra I with Probability	Course Fee: None
<p>Students will study an expanded range of functions, including polynomial, trigonometric (specifically sine and cosine), logarithmic, reciprocal, radical, and general piecewise functions. Students also solve equations associated with these classes of functions. In Statistics, students learn how to make inferences about a population from a random sample drawn from the population and how to analyze cause-and-effect by conducting randomized experiments. Students are introduced to the study of matrices in the Number and Quantity content area.</p>	

Math Lab Elective for Algebra II with Statistics	
Course Code: 02996G1000	1 Credit
Co-requisite: Algebra II with Statistics	Course Fee: None
Students can receive extra support during this lab elective to review prior knowledge needed for upcoming lessons, reinforce content from previous lessons, or preview upcoming content. Students who have struggled with algebraic concepts in previous courses or anticipate needing extra support are encouraged to sign up for this lab course. This is an elective credit and cannot be counted as an additional math credit.	

Applications of Finite Mathematics	
Course Code: 02136G1000	1 Credit
Prerequisite: Algebra II with Statistics	Course Fee: None
Topics include logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems, and then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use mathematical structures to represent real-world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision-making so that they recognize the power of mathematics in shaping society.	

Algebra with Finance	
Course Code: 02155G1000	1 Credit
Prerequisite: Algebra II with Statistics	Course Fee: None
This course integrates algebra, probability and statistics, and geometry to solve financial problems that occur in everyday life. Students will solve real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement. These problems are solved by applying the relevant mathematics that are taught at a higher level.	

Precalculus	
Course Code: 02110G1000	1 Credit
Prerequisite: Algebra II with Statistics	Optional Note Packet: \$20
A course involving an in-depth analysis of trigonometry. Other topics include families of functions, complex numbers, polar equations, vectors, conic sections, logarithmic and exponential equations, and limits. This course provides the background needed for entry into calculus.	

PRECALC ALG & TRIG (Dual Credit)	
Course Code: 02999C1004	1 Credit
Prerequisite: Algebra II with Statistics and qualifying placement score	Course Fee: SUSCC Tuition
<p>This is a one semester Pre-Calculus course taught at AHS. The course is a combination of Precalculus Algebra and Precalculus Trigonometry. The course covers similar content listed above for Precalculus, while occasionally expanding the rigor and difficulty level. This course may be taken at any grade level with an ACT score of 20 or above on the math portion, or a qualifying Accuplacer score. Students will receive their AHS Pre-Calculus credit and a Pre-Calculus with Algebra and Trigonometry (MTH 115) credit from Southern Union, provided they score a 70 or above in the course. SUSCC tuition fees apply.</p>	

Computer Science Principles, AP	
Course Code: 10019E1000	1 Credit
Prerequisite: Geometry and Algebra I	Exam Fee: \$110
<p>AP Computer Science Principles is equivalent to a first-semester, college-level breadth course, which follows the curriculum established by the College Board Advanced Placement (AP) program for computer science. AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. The AP Computer Science Principles Exam is required and will be administered in May.</p>	

Computer Science A, AP	
Course Code: 10157E1000	1 Credit
Prerequisite: Algebra II w/ Stats	Exam Fee: \$110
<p>AP Computer Science A is equivalent to a first-semester, college-level course in computer science. This course introduces students to computer science with fundamental topics that include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. The AP Computer Science A Exam is required and will be administered in May.</p>	

Calculus	
Course Code: 02121G1000	1 Credit
Prerequisite: Precalculus	Optional Note Packet: \$20
<p>A course which covers functions, limits, derivatives and integrals of algebraic functions and their applications, applications of the definite integral, derivatives and integrals of the trigonometric functions, derivatives and integrals of the logarithmic and exponential functional, area between curves, and volumes of solids of revolution.</p>	

CALCULUS I (Dual Credit)	
Course Code: 02999C1005	1 Credit
Prerequisite: Precalculus and qualifying placement score	Course Fee: SUSCC Tuition
<p>This is a one semester Calculus course intended for students to earn dual credit for both high school and college. The topics include the limit of a function; the derivative of algebraic, trigonometric, exponential, and logarithmic functions; the definite integral; applications of derivatives and integrals. This course is a great option for students who only need one math credit in college if their institution accepts DE courses for their area of study. This course may be taken by 11th or 12th grade students with an ACT score of 20 or above on the math portion, or a qualifying Accuplacer score. Students will receive their AHS Calculus credit and a Calculus I (MTH 125) credit at Southern Union, provided they score a 70 or above in the course. SUSCC tuition fees apply.</p>	

Calculus AB, AP	
Course Code: 02124E1000	1 Credit
Prerequisite: Precalculus (not on ACCESS is recommended) or Calculus	Exam Fee: \$110
<p>A course covering the equivalent of the first semester of college Calculus, using the AB Calculus syllabus. The primary goal is the successful completion of the AP Exam. The AP Calculus AB Exam is required and administered in May.</p>	

Calculus BC, AP	
Course Code: 02125E1000	1 Credit
Prerequisite: AP Calculus AB	Exam Fee: \$110
<p>A course for students who have had Advanced Placement Calculus AB. This course is designed to prepare for the Advanced Placement BC exam. The AP Calculus BC Exam is required and will be administered in May.</p>	

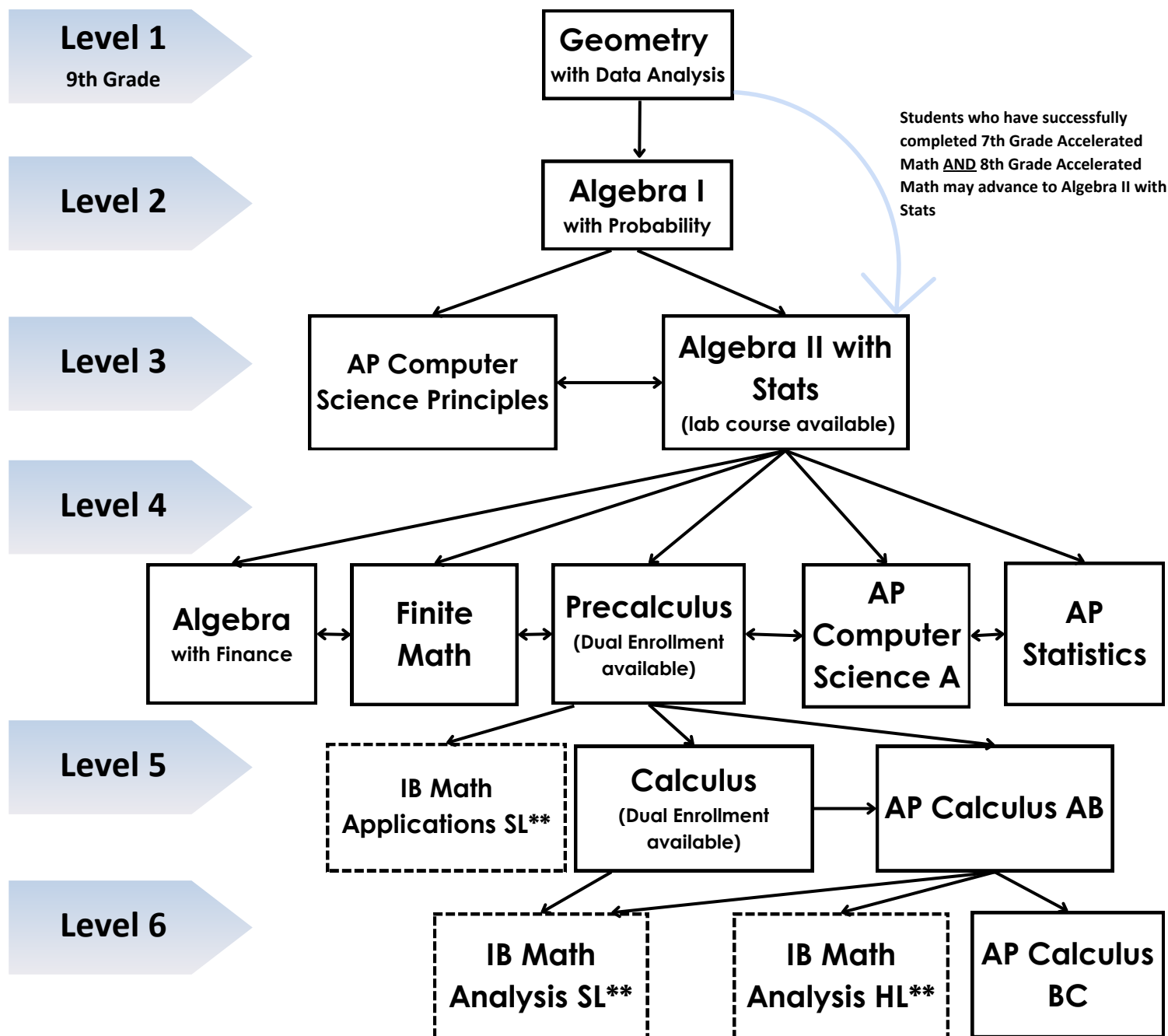
Statistics, AP	
Course Code: 02203E1000	1 Credit
Prerequisite: Algebra II with Statistics	Exam Fee: \$110
<p>This course offers high school students equivalent to one semester introductory, non-calculus- based college course in statistics. A course similar to AP Statistics is typically required for majors such as social and health sciences as well as business majors. It also offers a good preparation for calculus-based statistics courses typically required for science, engineering, and mathematics majors. The course will develop tools for collecting, analyzing, and drawing conclusions from data. Major concepts are exploring data, sampling and experimentation, probability, and statistical inference. The AP Statistics Exam is required and will be administered in May.</p>	

AHS Mathematics Classes Flowchart

For use in the 2025-2026 school year

Four math credits are required for graduation.

For placement questions, please contact the current or previous math teacher.



- Students may take Algebra with Finance, Finite Math, AP Computer Science A, or AP Statistics concurrently with or after Calculus/AP Calculus.
- **All Level 4 courses may be taken at any time after passing Algebra II with Statistics.**
- AP Statistics and Precalculus are more rigorous courses than the other courses in Level 4.
- AP Computer Science Principles may be taken at any level after passing Algebra I with Probability.
- AP Computer Science A may be taken at any level after passing Algebra II with Statistics.
- Precalculus on ACCESS is strongly discouraged for students taking AP Calculus AB.
- All AP courses are subject to an approximate test fee of \$110 for each course.
- Dual Enrollment Precalculus and Dual Enrollment Calculus are subject to SUSCC tuition fees and placement scores.

**Students must be enrolled in the International Baccalaureate Program to take IB Maths.

Performing Arts - Band

A band fee of \$125 is asked of each band student to assist with the upkeep of band uniforms, music, and equipment. Each student is expected to attend all band functions unless excused by the band director

After-School Rehearsals: Members of the Concert Band, Symphonic Band, and Wind Symphony can also participate as a member of the AHS Marching Band. **Marching band members pay a participation fee of \$225 per student.** During football season, the marching band will rehearse after school from 4:00 - 6:00 p.m. on Monday, Tuesday and Thursday. The marching band also participates in the AHS football games, the AHS Homecoming Parade as well as the Auburn Chamber of Commerce Holiday Parade and Mardi Gras Parade in February. After-school rehearsals for the Concert Band, Symphonic Band, Wind Symphony, Percussion Ensemble, Winter Guard, and Majorettes will be announced as needed.

Please select the class you expect to be in. If you anticipate participating in multiple bands, including Jazz Band, select all that apply.

Trad & Emer Ens, Inst Cham Ens II / III / IV (Symphonic Band)	
Course Code: 05106G10I2 / 05106G10A2 / 05106G10AH	1 Credit
Audition Required	Initial Course Fee: \$125
This course is a performing ensemble with class activities aimed at improving each student's mastery of the basic band performance skills. Please see "After School Rehearsals" above for an explanation of the required after-school rehearsal schedule for the marching and concert seasons. Participation is by audition, and membership consists of grades 10-12. This course will satisfy the State of Alabama requirement for a fine art elective.	

Trad & Emer Ens, Concert Band II / III / IV (Concert Band)	
Course Code: 05102G1002 / 05102G1003 / 05102G10AH	1 Credit
Audition Required	Initial Course Fee: \$125
This course is a performing ensemble with class activities aimed at improving each student's mastery of basic band performance skills. Please see "After School Rehearsals" for an explanation of the required after-school rehearsal schedule for the marching and concert band seasons. Participation is by audition, and membership consists of grades 10-12. This course will satisfy the State of Alabama requirement for a fine art elective.	

Trad & Emer Ens, Orchestra II / III / IV (Wind Symphony)	
Course Code: 05104G1002 / 05104G1003 / 05104G1004	1 Credit
Audition Required	Initial Course Fee: \$125
This course provides students with the opportunity for the performance of the most advanced music written for the wind band. Mastery of advanced band skills is a prerequisite. Please see "After School Rehearsals" for an explanation of the required after school rehearsal schedule for the marching and concert band seasons. Participation is by audition, and membership consists of grades 10-12. This course will satisfy the State of Alabama requirement for a fine art elective.	

Trad & Emer Ens, Jazz Ensemble II / III / IV (Jazz Band)	
Course Code: 05105G1002 / 05105G1003 / 05105G1004	1 Credit
Audition Required	Initial Course Fee: \$125
This course currently operates as a traditional jazz-rock ensemble. Subject matter includes study and performance of both traditional and current forms of America's only native art form. Participation is open to all students who must also be enrolled in a concert class. Exceptions include students who only play piano or guitar and not a traditional band instrument. Membership consists of grades 10-12. This course will satisfy the State of Alabama requirement for a fine art elective.	

Extracurricular (Auxiliary Ensemble)	
Course Code: 22994X10AX	1 Credit
Audition Required	Competitive Fees Apply
<p>This course is a performing ensemble consisting of all students who are selected for the marching band color guard and majorettes. Class activities are aimed at improving each student's mastery of basic to advanced marching band and indoor auxiliary skills. Please see "After-School Rehearsals" for an explanation of the required after-school rehearsal schedule for the marching and contest seasons. Participation is by audition, and membership consists of grades 10-12. A separate Auxiliary Ensemble course is available for color guard members who want to participate in the spring competitive season. Members may be added to that course by their color guard teacher after auditions.</p>	

Performing Arts - Choir

Because choral auditions are occurring after the course selection window, please select the choral class you expect to be in. If you anticipate participating in Vocal Jazz, be sure to select it as well. Select all that apply.. Classes will be finalized based on audition results.

Choral fees cover music, folders, and other supplies as well as the student's formal outfit for the year. All outfits purchased for Show Choir are the property of Auburn High School. There will be additional fees for trips and competitions during the school year.

Trad & Emer Show Choir II / III / IV (Varsity Singers)	
Course Code: 05121G1002 / 05121G1003 / 05121G1004	1 Credit
Audition Required	Initial Course Fee: \$500
<p>This course is a mixed ensemble open to any student. The course is designed for the more advanced choral student. The Varsity Singers perform a wide variety of literature and serve as a primary public relations organization for Auburn High School. Rehearsals are also conducted Monday evenings from 5:30-8:30 p.m. Participation in this group is through a singing and dancing audition.</p>	

Trad & Emer Women's II / III / IV (Élan) / Men's Chorus II / III / IV (Men at Work)	
Course Code (Élan): 05111G10W2 / 05111G10W3 / 05111G10W4 Course Code (Men at Work): 05111G10M2 / 05111G10M3 / 05111G10M4	1 Credit
Audition Required	Initial Course Fee: \$500
<p>These courses are select choirs open to students and are designed for the more advanced choral student. These groups perform a wide variety of literature and serve as a public relations organization for Auburn High School. Rehearsals are also conducted on Tuesday evenings from 5:30 – 8:30 p.m. Participation in this group is through a singing and dancing audition.</p>	

Trad + Emer Ens, A Capella Chorus II / III / IV (Vocal Jazz)	
Course Code: 05111G10A2 / 05111G10A3/ 05111G10A4	1 Credit
Audition Required	Initial Course Fee: \$500
<p>This course is a mixed ensemble open to any student. The course is designed for the more advanced choral student. Vocal Jazz performs a wide variety of literature and serve as a primary public relations organization for Auburn High School. Participation in this group is through a singing and dancing audition.</p>	

Trad + Emer Ens, Chamber Chorus II / III / IV (Womens' Ensemble)	
Course Code: 05111G10C2 / 05111G10C3/ 05111G10C4	1 Credit
Audition Required	Initial Course Fee: \$500
This course is a womens' ensemble open to any student in Ela. The course is designed for the more advanced choral student. The Womens' Ensemble performs a wide variety of literature and serve as a primary public relations organization for Auburn High School. Participation in this group is through a singing and dancing audition.	

Performing Arts - Other Musics Classes

Harmonizing Instruments, Piano I	
Course Code: 05107G1001	1 Credit
Prerequisite: None	Course Fee: \$40
This is an introductory course covering piano technique, classical music, and popular songs. This keyboard course is for students with little or no musical experience.	

Harmonizing Instruments, Piano II	
Course Code: 05107G1002	1 Credit
Prerequisite: Piano 1 or Instructor approval	Course Fee: \$40
This is a more rigorous piano course covering piano technique, improvisation, classical music, and popular songs. Group instruction will include musical notation, ear training, and the application of music theory. This keyboard course is for students who can read music, have a background in piano, or have taken Piano I.	

Harmonizing Instruments, Piano III	
Course Code: 05107G1003	1 Credit
Prerequisite: Piano II or Instructor approval	Course Fee: \$40
In Piano III, students expand their knowledge of piano technique, improvisation, classical music, popular music, and music theory. Student and Instructor will agree upon challenging repertoire and learning goals. Much of this course will include private student practice time. The pre-requisite is Piano II or instructor approval.	

Comp and Theory, Music Theory I	
Course Code: 05113G1001	1 Credit
Prerequisite: One year of band, choir, orchestra or private study	Course Fee: None
A course to learn and reinforce basic music terminology, written and aural skills, rhythm, beat, counting, with some basic piano skills and playoff of other instruments. Students will want to have some music background to join this course.	

Music Tech, Elective 1	
Course Code: 05149G10M1	1 Credit
Prerequisite: None	Course Fee: \$50
In this course, students will explore all avenues of music technology. This includes music production of studio and live settings, creating tracks for movies, video games, and commercials. We will also be exploring live sound, lighting, and production to prepare students for pursuing a career in music technology.	

Music Theory, AP	
Course Code: 05114E1000	1 Credit
Prerequisite: Experience with Music	Exam Fee: \$110
A course offered to grades 11 and 12. Content area includes musical structure, analysis of composition, notational systems, arrangement for instruments and/or voices, and improvisational accompaniment on piano or other instruments. A basic understanding of music or prior experience in a music ensemble is required.	

Performing Arts - Theatre

Theatre, Theatre I	
Course Code: 05052G1001	1 Credit
Prerequisite: None	Course Fee: None
A course where students will study and participate in theatre activities in class (warm-up activities, theatre games, pantomime, improvisation, acting techniques, monologue presentations, ensemble-acting presentations, etc.), report on plays read in class and seen in performance, learn to analyze a variety of play texts from world drama and contemporary styles of theater/drama and depict characters in them. Students are required to participate in many in-class performances (both as a solo actor and an ensemble actor) and they are required to attend at least one performance of the Theatre AHS production during the fall season OR the musical production during the spring season.	

Theatre, Technical Theatre Production	
Course Code: 05056G1001	1 Credit
Prerequisite: None	Course Fee: None
A course introducing students to the major elements and theory of theatrical production including, but not limited to back of house administration and organization; scenic, sound, lighting, and special effects design disciplines; basic design collaboration; implementation of various design elements; and an overview of current trends and technologies in these areas. Students will be responsible for all production aspects involved with the theatre and choral productions for the year. After school rehearsals are required during the fall and spring months.	

Theatre, Technical Theatre Production II	
Course Code: 05056G10T2	1 Credit
Prerequisite: Theatre Production	Course Fee: None
This course is a continuation of Theatre Production. Students will be responsible for all production aspects involved in the theatre and choral productions for the year. After school rehearsals are required during the fall and spring months.	

Theatre, Theatre II / Theatre, Theatre III	
Course Code: 05052G1002/ 05052G1003	1 Credit
Prerequisite: Theatre I / Theatre II	Course Fee: None
A course combining advanced theatre students and IB students choosing theatre as their elective; the course spans one year of instruction for the advanced theatre student OR two years of instruction (1 credit per year) for the IB theatre student. All students are required to keep a personal theatre journal throughout the course and are required to attend and review at least two off-campus theatre productions. After-school rehearsals are required during the fall and spring months.	

Physical Education

Beginning Kinesiology (Required)	
Course Code: 08017G1000	1 Credit
Prerequisite: None	Course Fee: None
A required course for all 9th – 12th graders, providing students with a blueprint for a lifetime of healthy living. Through this course, students acquire information regarding various aspects of fitness and apply this learning to assess their own fitness levels. In addition, students will acquire the tools to develop an individualized fitness plan.	

Strength and Conditioning	
Course Code: 08005G1000	1 Credit
Prerequisite: Beginning Kinesiology	Course Fee: None
A course aimed to strengthen and tone muscles and to guide athletes in the development of a training program that would benefit them in sports and daily activities. It will include weightlifting and a variety of exercises that improve endurance, agility, vertical jump, speed, and power.	

Varsity Baseball Team	
Course Code: 08013G10BA	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
A course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to baseball. The weightlifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.	

Varsity Basketball Team	
Course Code: 22994X10BB	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
A course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to basketball. The weightlifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.	

Varsity Cheerleading	
Course Code: 22994X10CH & 22994X10C3	1 Credit + 0.5 Credit
Prerequisite: Tryout required	Competitive Fees Apply
Cheerleaders serve as a support group for the athletic programs within the school, yet it is a physically challenging and time-demanding course choice. Each squad strives to boost school spirit, promote good sportsmanship, and develop positive crowd involvement. Varsity Cheerleading is all of semester one and the third nine weeks of the spring semester.	

Varsity Football Team	
Course Code: 08013G10FB	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
A course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to football. The weightlifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.	

Varsity Flag Football Team	
Course Code: 08013G10FB	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
A course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to flag football. The weightlifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.	

Varsity Golf Team	
Course Code: 22994X10GF	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
A course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to golf. The weightlifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.	

Varsity Soccer Team	
Course Code: 22994X10SC	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
The course is designed based on sound scientific principles to increase athletic performance, reduce athletic injuries and, and to teach our athletes lifelong fitness and movement skills in a safe, fun environment.	

Varsity Softball Team	
Course Code: 22994X10SB	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
Softball is an interscholastic fast-pitch competition for Grades 10-12.	

Varsity Volleyball Team	
Course Code: 08013G10VB	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
A course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to volleyball. The weightlifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.	

Varsity Wrestling Team	
Course Code: 22994X10WR	1 Credit
Prerequisite: Tryout required	Competitive Fees Apply
In this course, students will develop strength, agility, and endurance through a variety of wrestling-specific exercises. They will engage in drills and conditioning routines designed to enhance both upper and lower body strength, improve cardiovascular endurance, and build muscular endurance. Students will also work on flexibility, body control, and explosive power—key components for success on the mat. The training will focus on movements and conditioning techniques that directly translate to wrestling performance, helping athletes develop the physical and mental toughness needed for competition	

Science

The science program allows students the opportunity to choose from a wide selection of courses in life, physical and earth science. The program is designed to meet the needs of all students at the high school level. There are many opportunities to develop individual interests through involvement in extra enrichment programs such as Physics Team, Science Fair, Paper Reading Competitions, Biology Club, and trips provided by the Science Club.

There are summer programs available through AHS and major universities to provide summer jobs and enrichment if the student has successfully completed certain courses. The students are recommended by the Auburn High School science faculty and selected by the participating university.

Physical Science	
Course Code: 03159G1000	1 Credit
Prerequisite: None	Course Fee: None
Physical Science is a course that studies the foundational concepts of Chemistry and Physics. The first half is dedicated to the study of Chemistry, and the second half is dedicated to the study of Physics. In the Chemistry portion of the course, students will learn about matter and how it changes, the patterns and structure of the periodic table, elements and compounds, chemical reactions, acids and bases, and nuclear changes. In the Physics portion of the course, students will learn about motion, forces, momentum, energy, heat transfer, waves, and electricity. Both Chemistry and Physics will heavily utilize math and graphing skills.	

Earth Science	
Course Code: 03008G1000	1 Credit
Prerequisite: Biology and a Physical Science	Course Fee: None
A course introducing students to the forces of the physical and biological Earth. This course covers topics in space sciences (astronomy), atmospheric sciences (meteorology) and places a strong emphasis on geological sciences (internal and external structure of the Earth) and oceanographic sciences (the physical ocean and marine biology).	

Environmental Science	
Course Code: 03003G1000	1 Credit
Prerequisite: Biology and a Physical Science	Course Fee: None
This course is an interdisciplinary introduction to the study of how nature works. It is a combination of physical science, biology, geology, chemistry, and social science. It also includes the economic, political, and ethical impact on the environment. Topics for study include ecosystems, populations, agriculture, pollution, pest control and natural resources.	

Forensic Science & Crime Sc Invest	
Course Code: 15055G1000	1 Credit
Prerequisite: Biology and a Physical Science	Course Fee: \$5
<p>A course that is a practical, interdisciplinary approach that links scientific techniques to law enforcement applications. This course combines knowledge of basic principles of chemistry and physics, biology, and geology into critical thinking situations that involve basic crime-solving techniques. Topics for study include basic crime scene evaluation, trace evidence analysis, organic and inorganic substance analysis techniques, blood spatter trajectories and point of origins, and basic fingerprinting evaluation. This course is highly laboratory-dependent. A signed parental permission slip is also required based on some course content related to crime scene analysis.</p>	

Introduction to Biotechnology (Genetics)	
Course Code: 14252G1001	1 Credit
Prerequisite: A grade of 70 C or higher in Biology is strongly recommended for success in the course.	Course Fee: None
<p>A course providing an overview of principles of genetic transmission, molecular, and population genetics. A focus is provided on the organization, reproductive processes, and molecular biology of cells. The interaction of genes and their effects on mutation in populations and gene pools are also discussed. Students are provided with hands-on laboratory activities, technological research, and special projects that strengthen their understanding of the curriculum. This is one of the science courses that may be selected to get the Advanced Academic Endorsement. This course earns an additional 0.5 quality points of weighted credit.</p>	

Human Anatomy and Physiology	
Course Code: 03053G1000	1 Credit
Prerequisite: Biology; A grade of 70 C or higher in Biology is strongly recommended for success in the course.	Course Fee: None
<p>A course in human anatomy and physiology. Dissecting is a major part of lab in this class. This class is intended for students who have a strong interest in biology. It is recommended that students have made a grade of a 70 or higher in Biology. This is one of the science courses that may be selected to get the Advanced Academic Endorsement. This course earns an additional 0.5 quality points of weighted credit.</p>	

Chemistry	
Course Code: 03101G1000	1 Credit
Prerequisite: Biology and Algebra II with Statistics	Course Fee: None
<p>A course in basic inorganic chemistry. The course is an in-depth study of matter and energy. This is one of the science courses that may be selected to get the Advanced Academic Endorsement. A grade of 70 or higher in Algebra II is recommended for success in this course because of the calculations required in the curriculum. This course earns an additional 0.5 quality points of weighted credit.</p>	

Physics	
Course Code: 03151G1000	1 Credit
Prerequisite: Biology and Algebra II with Statistics	Course Fee: None
<p>A course covering topics in classical mechanics, dynamics, fluids, waves, and electricity. This is one of the science courses that may be selected to get the Advanced Academic Endorsement. A grade of 70 or higher in Algebra II with Statistics is recommended for success in this course because of the calculations required in the curriculum. This course earns an additional 0.5 quality points of weighted credit.</p>	

Biology, AP and Other SDE LifeSci Elect	
Course Code: 03056E1000 & 03999G1000	2 Credits (1 science & 1 elective)
Prerequisite: Biology and Chemistry with lab	Exam Fee: \$110
<p>A course in general, animal and plant biology equivalent to a college freshman course. Students must have completed a previous high school biology course and have completed a chemistry course that includes a lab program. The AP Biology Exam is required and will be administered in May.</p>	

Chemistry, AP and Other SDE Chem Elect	
Course Code: 03106E1000 AND 03149G1000	2 Credits (1 science & 1 elective)
Prerequisite: Chemistry with lab	Exam Fee: \$110
<p>AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. Students must have a prerequisite of chemistry with a lab program. The AP Chemistry Exam is required and will be administered in May.</p>	

COLLEGE CHEMISTRY I (Dual Credit)	
Course Code: 03999C1016	1 Credit/4 SUSCC Credits
Prerequisite: Completion of Pre-Calculus with a minimum of 20 ACT Math subtest score OR completion of Algebra II with Trig and a minimum of a 22 ACT Math subtest score.	Course Fee: None / SUSCC Tuition
<p>This course is designed for the science or engineering major who is expected to have a strong background in mathematics. Topics in this course include measurement, nomenclature, stoichiometry, atomic structure, equations and reactions, basic concepts of thermochemistry, chemical and physical properties, bonding, molecular structure, gas laws, kinetic molecular theory, condensed matter, and some descriptive chemistry topics. SUSCC tuition fees apply. This is the first course in a two-semester sequence. Upon completion of this course, students have the option to enroll in the second course, CHM 112 – College Chemistry II.</p>	

COLLEGE CHEMISTRY II (Dual Credit)	
Course Code: 03999C1017	1 Credit/4 SUSCC Credits
Prerequisite: A grade 70 or higher in CHM 111 – College Chemistry I	Course Fee: None / SUSCC Tuition
<p>This course is designed for the science or engineering student who is expected to have a strong background in mathematics. Topics in this course include chemical kinetics, chemical equilibria, acids and bases, ionic equilibria of weak electrolytes, solubility product principle, chemical thermodynamics, electrochemistry, oxidation-reduction, nuclear chemistry, an introduction to organic chemistry and biochemistry, atmospheric chemistry, and selected topics in descriptive chemistry including the metals, nonmetals, semimetals, coordination compounds, transition compounds, and post-transition compounds. SUSCC tuition fees apply. This is the second course in a two-semester sequence. This course can be taken by students who have previously taken CHM 111 – College Chemistry I.</p>	

Environmental Science, AP	
Course Code: 03207E1000	1 Credit
Prerequisite: Biology; A grade of 70 or higher in Biology is strongly recommended for success in the course.	Exam Fee: \$110
<p>AP Environmental Science is the equivalent of a one-semester, introductory college course in environmental science. AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. To ensure a complete and well-rounded experience, in addition to lab and classroom activities, the course includes an outdoor research component. The AP Environmental Science Exam is required and will be administered in May.</p>	

AP Physics 1, Algebra-Based	
Course Code: 03165E1000	1 Credit
Prerequisite: Geometry and Algebra II w/ Stats	Exam Fee: \$110
<p>AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; fluids. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A grade of 70 or better in Algebra II is recommended for success in this course because of the calculations required in the curriculum. The AP Exam is required and will be given in May.</p>	

AP Physics 2, Algebra-Based	
Course Code: 03166E1000	1 Credit
Prerequisite: Physics or AP Physics 1 & Geometry and Algebra II w/ Statistics	Exam Fee: \$110
<p>AP Physics 2 is an algebra-based, introductory college-level physics course that explores principles of thermodynamics, electricity, magnetism, optics, and topics in modern physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A grade of 70 or higher in Algebra II with Statistics is recommended for success in this course because of the calculations required in the curriculum. The AP Exam is required and will be given in May.</p>	

Physics C: Mechanics, AP	
Course Code: 03164E1000	1 Credit
Prerequisite: Calculus	Exam Fee: \$110
<p>AP Physics C: Mechanics is a calculus-based, introductory College-level advanced physics course following the curriculum established by the College Board Advanced Placement (AP) Program that explores topics in Newton's laws of motion; work, energy and power, systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A grade of 70 or higher in Algebra II with Statistics and Calculus is recommended for success in this course because of the calculations required in the curriculum. The AP Exam is required and will be given in May.</p>	

Social Studies

United States History I: Gr 10	
Course Code: 04102G1000	1 Credit
Prerequisite: Modern World History	Course Fee: None
<p>A required course for 10th-grade students that is a 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.</p>	

European History, AP	
Course Code: 04056E1000	1 Credit
Prerequisite: None	Exam Fee: \$110
<p>Advanced Placement European History is a one-credit course designed to give students a firm grounding in the chronological history and in major interpretative questions that derive from the study of selected themes in European history and related areas. A college-level text is used. Course requirements include extensive essays, outside reading and summer assignments. The AP exam is required and will be administered in May. Note: This course is offered as an elective in the 10th grade with the understanding that a student electing to take AP European History will either take AP or IB History of Americas I in the 11th grade or both parts of the U.S. History sequence (Beginnings to 1900 and 1900 to the Present).</p>	

United States History II: Gr 11	
Course Code: 04103G1000	1 Credit
Prerequisite: United States History I	Course Fee: None
<p>A required course for 11th-grade students, US History II is a survey of major events and issues in the United States that covers a time period from approximately 1870 to the present. Topics include industrialization, the Progressive Movement, American Imperialism and World War I, the Great Depression, World War II, Contemporary America, Civil Rights, Vietnam, and beyond. Contributions by Alabamians to these topics are included in this survey course. While topics may be presented chronologically, topics are also studied from various economic, political, social/cultural, and diplomatic perspectives.</p>	

United States History, AP	
Course Code: 04104E1000	1 Credit
Prerequisite: None	Exam Fee: \$110
<p>A course designed to give students a firm grounding in the chronological history and major interpretive questions of the United States. A college-level text is used, and course requirements include extensive essay writing, outside readings, and summer work. The AP exam is required and will be administered in May.</p>	

Principles of Economics	
Course Code: 04201G0500	0.5 Credit
Prerequisite: None	Course Fee: None
<p>This is a required half credit course at the 12th-grade level in which students will explore the workings and institutions of modern-day economic systems as well as economic theory. A particular focus is placed on the American free enterprise system. Students will apply information gained from this course to the analysis of current issues and problems in economic systems.</p>	

United States Government	
Course Code: 04151G0500	0.5 Credit
Prerequisite: None	Course Fee: None
<p>This is a required course for 12th graders designed to build on students' previous studies of the structure and functions of government, develop political perspectives, and cultivate understanding of civic virtues and responsibilities in the United States. Selected topics include the constitutional foundations of the American government, the unique roles of the executive, judicial, and legislative branches of government, the separation of powers, federalism, and civil rights and liberties.</p>	

History Through Film	
Course Code: 04099G10HF	0.5 Credit
Prerequisite: None	Course Fee: None
History Through Film will focus on historical interpretation and how movies can influence the way people think about the past. We will compare films from different eras, genres and cultures. Students will study specific historical events in depth and compare historical fact to a film or films about the subject matter. Students will learn to write critically and analytically about film. Students will be required to have a signed parent permission form, as some movies may involve mature subject matter, such as realistic battle scenes and other historical events.	

United States Gov and Politics, AP	
Course Code: 04157E1000	1 Credit
Prerequisite: None	Exam Fee: \$110
This course at the 12th-grade level is designed to give students an analytical perspective on government and politics in the United States. The course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. Topics covered include the constitutional underpinnings of the U. S. government, political beliefs and behaviors, political parties and interest groups, national policy and institutions, and civil rights and civil liberties. Extensive outside reading and research are necessary for successful completion of the course. This course substitutes for American Government. The AP Government Exam is required and will be administered in May.	

Criminal Psychology	
Course Code: 04999G10CP	1 Credit
Prerequisite: None	Course Fee: \$10
In the modern world, many citizens share a concern about criminal behaviors and intent. This course introduces students to the field of criminology, the study of crime. Students look at possible explanations for crime from psychological, biological, and sociological perspectives; explore the categories and social consequences of crime; and investigate how the criminal justice system handles criminals and their misdeeds. The course explores some key questions: Why do some individuals commit crimes while others do not? What aspects of culture and society promote crime? Why are different punishments given for the same crime? What factors—from arrest to punishment—help shape the criminal case process?	

Advanced Criminal Psychology	
Course Code: 04999G10AC	1 Credit
Prerequisite: A grade of 70 or higher in Criminal Psychology	Course Fee: \$10
This course is for the student who wishes to further their knowledge of criminal psychology with a perspective on criminal behavior. Course objectives include the examination of inductive and deductive reasoning, investigative techniques, forensic evidence collection, and behavioral analysis. Utilizing selected readings, case studies, guest speakers, and class presentations, the student will obtain a broad understanding involving the dynamics of criminal behavior. This course will build upon the base knowledge obtained in Criminal Psychology to further the student's knowledge of criminal behavior. Students will research the mental disorders and personality disorders associated with deviant criminal behavior. Students will also be introduced to research on the trauma of victimization, criminal court proceedings, and job opportunities in the exciting field of criminal psychology and behavioral science.	

Psychology	
Course Code: 04254G1000	1 Credit
Prerequisite: None	Course Fee: \$5
An elective focusing on human behavior (intelligence, creativity, learning, emotions, motivations, problem-solving, mental illness, states of consciousness, developmental psychology, gender differences, conflict resolution and human relations) and the extent to which scientific methods can be applied to problems of human behavior. In addition, students will be afforded the opportunity to determine a topic of study such as autism, learning disabilities, schizophrenia, etc. Case studies, simulations, experiments, and a number of other activities will be used to develop critical thinking skills necessary to apply psychological theories to actual situations.	

Psychology, AP	
Course Code: 04256E1000	1 Credit
Prerequisite: None	Exam Fee: \$110; Class Fee: \$5
A course designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in science and practice. Students taking this course are required to take the AP Psychology Exam in May.	

Student Instructional Aides

Student Aide (Library Media Aide)	
Course Code: 22051X10CR	0.5 Credit or 1 Credit
Prerequisite: Staff Recommendation Required (forms available in the library)	Course Fee: None
Library media student aides support the library and school through tasks such as checking in/out books, shelving, copying, laminating, deliveries, maintaining organization, assisting visitors, and running errands. This is not a study hall. Responsibilities include punctuality, task completion, teamwork, and respectful communication. Juniors and seniors may apply, with grades based on performance using a rubric.	

Student Aide (Special Education Aide)	
Course Code: 22051X10CR	0.5 Credit or 1 Credit
Prerequisite: Staff Recommendation Required	Course Fee: None
Student aides earn credit based on the timeframe spent as an aide (.5 credit per 9 weeks or 1.00 credit per 18 weeks).	

Student Aide (Teacher Aide)	
Course Code: 22051X1000	No Credit
Prerequisite: 12th grade only	Course Fee: None
Placement must be approved by teacher and counselor.	

Student Aide (Administrative Office Aide and Counselor Aide)	
Course Code: 22051X1000	No Credit
Prerequisite: Staff Recommendation Required	Course Fee: None
Students may serve as an office assistant in the administrative office, counseling center, or another school site, etc. Tasks include professional career-related tasks under the supervision of a staff member. Students may assist with clerical duties, logistics for special programming/event setup, college representative visits, guest demonstrations, assisting with marketing for special events and other duties.	

World Languages

French 1	
Course Code: 24102G1000	1 Credit
Prerequisite: None	Course Fee: None
This course introduces students to basic structures and vocabulary of the French language. Emphasis is placed on developing proper pronunciation as well as listening and reading skills. The text Discovering French is used along with CDs, workbooks, and supplementary films and reading materials. Cultural focus is on French speaking countries, France and the city of Paris.	

French 2	
Course Code: 24103G1000	1 Credit
Prerequisite: French 1	Course Fee: None
This course continues the basic study of the French language with the introduction of past verb tenses. Students learn to read short, simplified texts and to write and speak short passages and dialogues, continuing to develop communication skills. The French provinces and departments, French holidays and food are focuses for cultural units. The text Discovering French is used with accompanying CDs, video and writing workbook as well as other visual and reading materials.	

French 3	
Course Code: 24104G1000	1 Credit
Prerequisite: French 2	Course Fee: None
Continuing in the same text, this one-credit course extends the students' ability to read, write, understand and speak simple passages and dialogues. Grammatical study includes multiple verb tenses and idiomatic expressions. The Francophone countries are examined in a cultural unit. This course earns an additional 0.5 quality points of weighted credit.	

French 4	
Course Code: 24105G1000	1 Credit
Prerequisite: French 3	Course Fee: None
<p>This course is an in-depth study of complex grammar and usage in addition to the advancement of reading, writing, and speaking skills directed toward real-life situations in the French language. Selected French writers and historical periods are included in cultural study. Several texts, tapes, CDs and videos in the areas of grammar, culture, and literature are used. The text Bravo! is used along with "French in Action". This course earns an additional 0.5 quality points of weighted credit.</p>	

French Language and Culture, AP	
Course Code: 24114E1000	1 Credit
Prerequisite: French 4	Exam Fee: \$110
<p>This course begins with an intensive overview of French grammar. Development of reading competence in French literature is also stressed. Conversational topics focus on being able to interact with native speakers in situations in a Francophone country. A balanced study of reading, writing, listening, and speaking prepares students for the AP French exam and/or for the IB Language B Standard exam. The text Le Monde en français will be supplemented by a wide variety of other materials. Students are required to take the AP French Exam in May.</p>	

German 1	
Course Code: 24252G1000	1 Credit
Prerequisite: None	Course Fee: None
<p>In the first course of German, students will learn to understand, speak, read and write basic German. Students practice daily with listening exercises, working with a partner, and responding to directed questions from the teacher. In addition, students will gain an understanding of German culture as well as an understanding of the German-speaking countries in Europe.</p>	

German 2	
Course Code: 24253G1000	1 Credit
Prerequisite: German 1	Course Fee: None
<p>The second course builds upon what students have learned in the previous course. This course enlarges the vocabulary of the students and expands their knowledge of German grammar. In this course, students will begin to communicate in the past tense. Students will enhance their reading, writing, listening, and speaking abilities in this course.</p>	

German 3	
Course Code: 24254G1000	1 Credit
Prerequisite: German 2	Course Fee: None
<p>In this course, students will expand upon their knowledge of listening, reading, writing, and speaking. Students will also gain a greater understanding of the German-speaking countries in Europe. This course earns an additional 0.5 quality points of weighted credit.</p>	

German 4	
Course Code: 24255G1000	1 Credit
Prerequisite: German 3	Course Fee: None
<p>In this course, an advanced text is used. Authentic sources online and media samples will help provide additional practice with content previously learned, and the students will learn to express their experiences, thoughts, and emotions. Students will continue to develop competence in reading, writing, listening, and speaking. In addition, reading selections and listening practice from other sources are introduced so that students can develop a continued appreciation for German literature and can become better acquainted with Germanic cultures. This course earns an additional 0.5 quality points of weighted credit.</p>	

German Language and Culture, AP	
Course Code: 24264E1000	1 Credit
Prerequisite: German 4	Exam Fee: \$110
<p>In this course, an advanced textbook and lab manual with accompanying CDs are used. Additional reading and listening materials are also supplemented in order to work on advanced reading, writing, and listening comprehension skills. All phases of language proficiency (listening, speaking, reading and writing) are practiced preparing the students to take the required Advanced Placement German Language and Culture Test in May.</p>	

German Elective (Masterpieces of Cinema)	
Course Code: 24299G1000	1 Credit
Prerequisite: None	Course Fee: None
<p>In this course students will view, discuss and write about films produced in German-speaking countries, spanning the 20th and 21st centuries, and they will learn to better appreciate and understand the medium of film as it has developed into an art form, past and present. Students will have the opportunity to better understand the German identity as expressed in cinema, in addition to learning the German history and culture behind the more significant films that have characterized that identity in Europe and the world. Students will also become informed of the major German-speaking directors and the perspectives which have influenced their visions and will analyze those perspectives and criteria as they seek to form their own.</p>	

Spanish 1, 2, 3, 4, and 5 are designed to offer a balanced approach to mastery of the four language skills of reading, writing, speaking and listening, as well as an introduction to the cultures of many of the twenty-one Spanish-speaking countries.

Spanish 1	
Course Code: 24052G1000	1 Credit
Prerequisite: None	Course Fee: None
<p>This course introduces basic level Spanish using research-based strategies and a variety of resources, including the textbook and supplemental materials, to promote language acquisition. The instructional activities are comprised of listening comprehension, speaking, reading, writing, grammar, and Hispanic culture. Students are presented with basic vocabulary themes used in everyday communication in the present tense.</p>	

Spanish 2	
Course Code: 24053G1000	1 Credit
Prerequisite: Spanish 1	Course Fee: None
<p>This course builds on the foundation developed in Spanish 1. The text is supplemented by listening comprehension activities, videos, and a workbook. The cultural emphasis is on the Spanish-speaking countries. Students progress gradually into more complex grammatical structures including past tense during the course and continue to develop communication skills. Introduction of the basic use of the Imperfect Past tense will be introduced at this level.</p>	

Spanish 3	
Course Code: 24054G1000	1 Credit
Prerequisite: Spanish 2	Course Fee: None
<p>This course continues to build on the foundations students have developed in Spanish 1 and 2. The text is supplemented by listening comprehension activities, videos, and authentic readings. Students progress to additional vocabulary introduction and new grammatical structures along with study of culture and its influence related to the Spanish speaking countries of the world. Additionally, students develop communication and writing skills. After successful completion of this course, students are eligible for induction into the Spanish Honor Society provided they have a 4.0 in all Spanish courses. This course earns an additional 0.5 quality points of weighted credit.</p>	

Spanish 4	
Course Code: 24055G1000	1 Credit
Prerequisite: Spanish 3	Course Fee: None
<p>This one credit course is designed to help the student become confident enough to use Spanish for communication in real life situations. Texts are supplemented by a variety of culturally authentic materials. Reading selections and culture studies are included which help students develop an appreciation of Hispanic literature and cultures. This course earns an additional 0.5 quality points of weighted credit.</p>	

Spanish Language, AP	
Course Code: 24064E1000	1 Credit
Prerequisite: Spanish 4	Exam Fee: \$110
<p>This one credit course prepares students to sit for the Advanced Placement exam. Students receive extensive practice in listening, speaking, reading, and writing in Spanish. The textbook is <i>Diverso Español B</i>, which is designed and published in Spain and teaches students from a global and intercultural context. Each unit is designed around a different concept such as diversity, co-existence, well-being, etc. Students are required to take the AP Spanish exam in May.</p>	

Spanish Elective (Masterpieces of Cinema)	
Course Code: 24099E1000	1 Credit
Prerequisite: Spanish 2	Course Fee: None
<p>In this course, students will view, discuss, and write about films produced in Spanish-speaking countries such as Spain, Argentina, and México, among others. Students will have the opportunity to continue to grow in their understanding and appreciation of the unique histories and cultures of the Spanish-speaking countries as they are represented through film. Students will also become informed of the major Spanish-speaking directors, their styles, and influences. All films are shown with English subtitles and discussions are held in English.</p>	

Spanish Elective (Career & Community) – Half Credit Course	
Course Code: 24099E1001	0.5 Credit
Prerequisite: Spanish 1	Course Fee: None
<p>In this course, students will enhance their Spanish language skills while learning how their language abilities will benefit them in their future careers and in the community. Assignments and projects will primarily be done in Spanish. This course includes online research, teacher led skill-based lessons, guest speakers and interaction with our surrounding community. This optional Spanish elective may be taken at any point after a student has passed Spanish 1.</p>	

Spanish Elective (Conversation & Digital Communications) – Half Credit Course	
Course Code: 24099E1002	0.5 Credit
Prerequisite: Spanish 1	Course Fee: None
<p>In this course, students will enhance their interpersonal communication skills in Spanish by focusing on specific weekly themes relevant to their lives. Conversation practice will be done in pairs, small groups, and as a whole class. Written communication skill development will focus on modern digital applications such as e-mail and messaging. The Spanish Conversation and Digital Communication course will include opportunities to interact with Spanish-speakers from our community and beyond. This optional Spanish elective may be taken at any point after a student has passed Spanish 1.</p>	



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AUBURN HIGH SCHOOL

CAREER AND TECHNICAL EDUCATION



CAREER & TECH

Career and Technical Education exposes students to career fields and potential school and work opportunities through exploration, experience, and certification. We offer 15 programs and pathways on 3 different Auburn City Schools campuses.

Animal Science CTE Program

Students enrolled in this program will be enrolled for membership in the Auburn FFA chapter. FFA is a national organization that provides students with opportunities to compete in contests, take part in service learning, build leadership skills, explore a variety of careers, and pursue scholarships.

Career Readiness Indicator Credential: ATOLL, Beef Quality Assurance

Aquaculture Science

Course Code: 18306G1002

1 Credit

Prerequisite: None

Course Fee: \$20

In Aquaculture Science, students are introduced to practical applications of both physical and biological concepts and skills through experiential learning opportunities. While aquaculture is the cornerstone of this course, the program places heavy emphasis on the integration of knowledge to solve problems and broaden the depth of understanding about water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation. All students enrolled in this course will complete the Aquaculture Training and On-Line Learning (ATOLL) credential. This career and technical student organization is an integral, co-curricular component of the program that serves to help students develop leadership abilities, expand workplace readiness skills, and broaden opportunities for personal and professional growth.

Aquatic Biology

Course Code: 18306G1003

1 Credit

Prerequisite: Aquaculture Science

Course Fee: \$20

Aquatic Biology 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. While aquaculture is the cornerstone of this course, the program places heavy emphasis on encouraging critical thinking, the use of the scientific method, the integration of technology, and the development of student leadership skills by placing great emphasis on project-based learning.

Introduction to Veterinary Science

Course Code: 18105G1012

1 Credit

Prerequisite: None

Course Fee: \$20

Introduction to Veterinary Science is 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. The program places heavy emphasis on encouraging critical thinking, the use of the scientific method, the integration of technology, and the development of student leadership skills by placing great emphasis on project-based learning.

Veterinary Science	
Course Code: 18105G1022	1 Credit
Prerequisite: Introduction to Veterinary Science	Course Fee: \$20
<p>Veterinary Science is designed to prepare students for entry-level employment or advanced training as veterinary assistants. Topics include safety, medical terminology, scientific classification, health and disease, anatomy and physiology, applied clinical mathematics, anesthesiology and basic surgical procedures, business management practices, veterinary law and ethics, and applications of technology. The program places heavy emphasis on encouraging critical thinking, the use of the scientific method, the integration of technology, and the development of student leadership skills by placing great emphasis on project-based learning.</p>	

The U.S. Army Junior Reserve Officers' Training Corp (JROTC) CTE Program

JROTC is a 4-year program that is a cooperative effort on the part of the Army and Auburn City Schools to provide students opportunities to develop in responsible leadership roles and appreciate the ethical values and principles that underlie good citizenship. The program intends to develop leadership potential while living and working cooperatively with others. In addition, cadets will: be able to think logically and to communicate effectively with others, both orally and in writing; participate in community service/service-learning projects; understand and appreciate the importance of physical fitness; understand the importance of high school graduation for a successful future; develop mental management abilities; and develop the skills necessary to work effectively as a member of a team. Successful completion fulfills the graduation requirement of 1 credit hour of Physical Education and/or Elective. JROTC is a Career and Technical Education elective option.

Career Tech Student Organization: Raider, Drill, Color Guard, Air Rifle, Drone, and Cyber Teams
 Career Readiness Indicator Credential: Program Completion after 3 successful years

Leadership, Education & Training I (LET I)	
Course Code: 09051G1001	1 Credit
Prerequisite: None	Course Fee: None
<p>This is the first of four core courses in the Army Junior Reserve Officers' Training Corps (JROTC) high school program. This is a one-credit course that introduces first-year Cadets to content that will help the inner leader begin to emerge. The course focuses on leadership theory and application, foundations for success, communication/study skills, citizenship, military customs and courtesies, physical training, drills, and the history and objectives of JROTC. Students are required to adhere to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command as directed by the program instructors.</p>	

Leadership Education & Training II (LET II)	
Course Code: 09052G1001	1 Credit
Prerequisite: A grade of 70 or higher in LET I	Course Fee: None
<p>Developing a Leader builds upon the mastery of LET 1 skills and abilities, providing Cadets with new and more challenging opportunities in leadership development. This one-credit course offers study in leadership theory and application; styles of leadership; basic skills in first-line supervision; management skills; conflict resolution techniques; social responsibility; achieving a healthy lifestyle; counseling techniques; substance abuse prevention; citizenship in action; first aid; and physical fitness. Students are required to adhere to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command as directed by the program instructors.</p>	

Leadership, Education & Training III (LET III)	
Course Code: 09053G1001	1 Credit
Prerequisite: A grade of 70 or higher in LET II	Course Fee: None
<p>Supervising Leader builds upon the mastery of LET 1 and 2 skills and abilities, providing Cadets with new and more challenging opportunities as a leader by overseeing the planning, project implementation, and team personnel. This one-credit course offers study in leadership theory and application; decision-making; deliberate planning; mid-level supervisory skills; career planning; service learning; cultural and individual diversity; and physical fitness. Students are required to adhere to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command as directed by the program instructors.</p>	

Leadership Education & Training IV (LET IV)	
Course Code: 09054G1001	1 Credit
Prerequisite: A grade of 70 or higher in LET III	Course Fee: None
<p>Managing Leader provides Cadets multiple opportunities to manage and lead in the battalion, in the school, and in their respective communities. The LET 4 Cadet is ready to assume responsibilities and manage him or herself and others whom they work with or oversee as a Cadet manager. This one-credit course offers study in leadership theory and application; senior-level supervisory skills; team development; project management; mentoring/counseling; developing and delivering lesson plans; career planning; developing a resume; completing a job/college application; and developing a unit fitness plan. Students are required to adhere to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command as directed by the program instructors.</p>	

Army JROTC 2b	
Course Code: 09052G1002	1 Credit
Prerequisite: A grade of 70 or higher in LET IV	Course Fee: None
<p>This one-credit course offers lessons that explore leadership and service to the nation through studying Medal of Honor and Citizen Honor awardees. Students are required to adhere to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command as directed by the program instructors.</p>	

Army JROTC 3b	
Course Code: 09053G1002	1 Credit
Prerequisite: A grade of 70 or higher in Army JROTC 2b	Course Fee: None
<p>Project-based course focused on contemporary issues, exposure to the military service and professional occupation pathways, job applications/resume building, and cultural diversity. Cadets will conduct research, create presentations, conduct briefings, and plan, coordinate, and execute events. Students are required to adhere to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command as directed by the program instructors.</p>	

Army JROTC 4b	
Course Code: 09054G1002	1 Credit
Prerequisite: A grade of 70 or higher in Army JROTC 2b	Course Fee: None
<p>This course is used to supplement and reinforce the instruction given in JROTC. The focus of instruction will be on the JROTC Continuous Improvement Program, service learning, physical fitness, citizenship, and senior-level supervision skills. Students are required to adhere to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command as directed by the program instructors.</p>	

Army JROTC 1b	
Course Code: 09051G1002	1 Credit
Prerequisite: Approval by SAI, AI and Administration	Course Fee: None
<p>This course is used to reintegrate students into the JROTC program who previously did not meet course prerequisites to continue. The focus of instruction is the course the student failed to meet the minimum standard for advancement in the program. Students must wait an entire school year before re-enrolling in the JROTC program. This is also contingent upon the recommendation of the SAI/AI for the student to re-enroll. Students are required to adhere to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command as directed by the program instructors.</p>	

Computer Science CTE Program

Career Tech Student Organization: SkillsUSA
Career Readiness Indicator Credential: Information Technology Specialist - Python

Programming Foundations	
Course Code: 10152G1001	1 Credit
Prerequisite: None; priority will be given to 10th and 11th Grade students	Course Fee: None
<p>Programming Foundations 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. This course extends the standards of the Alabama Course of Study: Digital Literacy and Computer Science.</p>	

Object-Oriented Programming I (Python)	
Course Code: 10152G1003	1 Credit
Prerequisite: Information Technology Fundamentals, Programming Foundations or Exploring Computer Science	Course Fee: None
Object-Oriented Programming I (Python) is designed to provide students with an understanding of object-oriented programming concepts (classes and objects) that are used to structure a software program using reusable pieces of code. After being introduced to basic programming terminology, students will learn to program the Python language, acquiring an understanding of data types, functions, conditional statements, loops, etc., as well as program documentation, program design and development, and debugging. Good programming techniques will be stressed.	

Computer Science Principles, AP	
Course Code: 10019E1000	1 Credit
Prerequisite: Geometry and Algebra I	Exam Fee: \$110
AP Computer Science Principles is equivalent to a first-semester, college-level breadth course, which follows the curriculum established by the College Board Advanced Placement (AP) program for computer science. AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. The AP Computer Science Principles Exam is required and will be administered in May.	

Computer Science A, AP	
Course Code: 10157E1000	1 Credit
Prerequisite: Algebra II w/ Stats	Exam Fee: \$110
AP Computer Science A is equivalent to a first-semester, college-level course in computer science. This course introduces students to computer science with fundamental topics that include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. The AP Computer Science A Exam is required and will be administered in May.	

Construction Technology CTE Program

Career Tech Student Organization: SkillsUSA
 Career Readiness Indicator Credential: NCCER Core & Skills For Success Skid Steer Certification

Architecture & Construction Foundations	
Course Code: 17002G1002	1 Credit
Prerequisite: None	Course Fee: \$25
<p>Architecture and Construction Foundations is the foundation course for the Construction Technology program and provides students with an overview of the construction industry. Students will be engaged in challenging curricula and develop technical skills in the areas of safety/OSHA, related mathematics, hand tools and power tools, analyzing and interpreting construction drawings and specifications, and basic employability skills. Students will also explore the various career opportunities within, and related to, the construction industry. This course utilizes NCCER curriculum.</p>	

Residential Building	
Course Code: 17002G1010	1 Credit
Prerequisite: Architecture & Construction Foundations	Course Fee: \$25
<p>This course is designed to facilitate students' understanding of the framing components of typical structures. Students will complete all requirements for NCCER Core Credentialing. Emphasis is placed on safety, career exploration as it relates to carpentry, floor systems, wall and ceiling framing, stair construction, and roof framing. This course utilizes NCCER curriculum.</p>	

Construction Finishing	
Course Code: 17011G1001	1 Credit
Prerequisite: Architecture & Construction Foundations	Course Fee: \$25
<p>This course is designed to facilitate students' understanding of the exterior and interior finishing phases of construction. Content covers virtually all processes that follow the structural elements of a project. Topics include career exploration of various trades involved on a job site, OSHA/safety, windows and door installation, plumbing and electrical components and systems, insulation, exterior cladding, and interior finishes. This course utilizes NCCER curriculum.</p>	

Wood Technology 2D Design	
Course Code: 17006G1001	1 Credit
Prerequisite: Architecture & Construction Foundations	Course Fee: \$25
<p>Course emphasis is on the acquisition of woodworking knowledge and skills through a hands-on process of manufacturing various projects. Students will understand planning and layout processes, how to safely use tools and machines to process materials, follow standard assembly procedures, and perform finishing processes. Students will explore career opportunities related to construction, engineering, and manufacturing. Topics include safety, mathematical concepts, computer proficiency, utilizing CAD-CAM software, and designing and creating two-dimensional and three-dimensional projects via computer numerical control operations.</p>	

Educators in Training CTE Program

Career Tech Student Organization: Family, Career and Community Leaders of America (FCCLA) Career Readiness Indicator Credential: ETS ParaPro Assessment

Foundations in Education

Course Code: 19151G1001

1 Credit

Prerequisite: None

Course Fee: \$10

Foundations in Education is a one-credit course. This course is the prerequisite for all pathways included in the Education and Training cluster. The course is designed for students who are interested in pursuing careers in education. Course content includes the organizational structure of education, careers, the role of the teacher, characteristics of effective teachers, communication skills, the teaching and learning processes, preferred learning styles, research, characteristics of positive classroom environments, human growth and development, creation of learning activities, and educational initiatives. Observational experiences are a required component of this course.

Practices in Education

Course Code: 19152G1001

1 Credit

Prerequisite: Foundations in Education

Course Fee: \$10

Practices in Education is also a one-credit course. This course is designed as an opportunity for students to implement the content learned in Foundations of Education in a Placement Classroom. Progressive content included in this course is centered on professionalism, instructional strategies, and planning and delivering instruction. Students will work in a Placement Classroom at least twice a week. Therefore, enrollment requires teacher and administrative approval. This will be determined by an application process and attendance and discipline reviews.

Methods in Education

Course Code: 19152G1002

1 Credit

Prerequisite: Practices in Education

Course Fee: \$10

Methods in Education is also a one-credit course. This course is designed as an opportunity for students to hone skills learned in Practices in Education in a Placement Classroom. Progressive content included in this course is centered on planning and delivering instruction, foundations of teaching literacy and numeracy, teaching across the curriculum and understanding active learning practices. Students will work in a Placement Classroom at least three a week. Therefore, enrollment requires teacher and administrative approval. This will be determined by an application process and attendance and discipline reviews.

CTE Lab in Education in Training (Education in Training Internship)	
Course Code: 19198G1000	1 Credit
Prerequisite: Senior students who have completed Methods in Education	Course Fee: None
<p>Education in Training Internship content provides students with hands-on experience, advanced knowledge and skills used in the education field. The instructional program is comprised of classroom teaching and professional traits. Students will complete a professional portfolio consisting of lesson plans, student work examples, and more. Observational experiences are a required component of this course. Students must complete an application and be accepted to the Internship. Internship placement requires teacher approval as well as no out-of-school suspension or excessive absences.</p>	

Engineering CTE Program

Auburn High School is a Project Lead The Way (PLTW) affiliate school. All Engineering courses are taught by PLTW-certified instructors and use the PLTW course standards, objectives and learning management system.

Career Tech Student Organization: Technology Student Association (TSA) Career Readiness Indicator Credential: Autodesk Revit, Certified SolidWorks Associate

Introduction to Engineering Design - PLTW	
Course Code: 21017G1000	1 Credit
Prerequisite: A grade of 70 or higher in grade level math	Course Fee: \$15
<p>This course develops student problem-solving skills, with emphasis placed upon the concept of developing a 3-D model or solid rendering of an object. Students focus on the application of visualization processes and tools provided by modern, state-of-the-art computer hardware and software. This modern computer-based process complements the traditional hand drawing methods. The course will emphasize the design development process of a product and how a model of that product is produced, analyzed, and evaluated, using a computer-aided design system. Various design applications will be explored with a discussion of possible career opportunities.</p>	

Principles of Engineering - PLTW	
Course Code: 21018G1000	1 Credit
Prerequisite: A grade of 70 or higher in Algebra II and an grade of 70 or higher in Introduction to Engineering Design	Course Fee: \$15
<p>This introductory course is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Students will develop engineering problem-solving skills that are involved in post-secondary education programs and engineering careers. They will explore various engineering systems and manufacturing processes. The main purpose of this course is to experience through theory and hands-on problem-solving activities what engineering is all about and to answer the question, "Is a career in engineering or engineering technology for me?"</p>	

Civil Engineering and Architecture - PLTW	
Course Code: 21021G1000	1 Credit
Prerequisite: A grade of 70 or higher in Intro. to Engineering and Principles of Engineering	Course Fee: \$15
<p>A high school level specialization course in the PLTW Engineering Program. In CEA students are introduced to important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. Students will develop skills in engineering calculations, technical representation and documentation of design solutions according to accepted technical standards, and use of current 3D architectural design and modeling software to represent and communicate solutions.</p>	

Aerospace Engineering - PLTW	
Course Code: 21019G1000	1 Credit
Prerequisite: A grade of 70 or higher in Intro. to Engineering and Principles of Engineering	Course Fee: \$15
<p>Students explore the physics of flight and bring what they're learning to life through hands-on projects like designing a glider and creating a program for an autonomous space rover. Using 3-D design software, students will collaborate on engineering design problems related to the aerospace industry and encountered by aerospace engineers.</p>	

Robotics Systems (Competition Robotics)	
Course Code: 21009G1000	1 Credit
TSA membership and Student Application and Interview Required	Course Fee: \$100
<p>This one-credit course is designed to provide students with the fundamental knowledge and skills of robotics. Emphasis is placed on the fundamentals of electrical current, digital circuits, electronic control systems, and the design and operation of robotic systems. This course requires an accepted application and full participation in the competitive robotics team at Auburn High. Applications must be completed online Robotics Application - https://forms.office.com/r/h3e49fTtC8</p>	

Entertainment and Media CTE Program - Formerly Television Production

<p>Career Tech Student Organization: SkillsUSA Career Readiness Indicator Credential: Adobe Premiere Pro, Photoshop and After Effect</p>

Media Production Foundations (Intro to Media and Pop Culture)	
Course Code: 11153G1010	1 Credit
Prerequisite: None	Course Fee: \$15
<p>Students can gain an introduction to the media world in this foundational course, exploring the essentials of audio production, broadcasting, film production, drone photography, and technical theater. The curriculum emphasizes the ethical use of technology, provides hands-on experience with professional equipment, and guides students in creating media projects that showcase their creativity. With teamwork, safety, and industry-standard digital skills at its core, this course lays the groundwork for more specialized paths in media and communications.</p>	

Broadcasting Production I (Intro to News and Sports Broadcasting)	
Course Code: 11051G1012	1 Credit
Prerequisite: Intro to Television Production with Teacher Approval or Media Production Foundations	Course Fee: \$15
<p>Students can step into the world of broadcasting with a course designed to provide a comprehensive introduction to radio, TV, and web-based production. This course covers essential skills such as scriptwriting, storyboarding, video editing, and on-camera presentation. Participants will explore the rich history of broadcasting, engage in hands-on projects, and develop critical thinking and communication skills to captivate audiences. By joining the team that brings stories to life on-air and online, students will build a solid foundation for future careers in broadcasting and digital media.</p>	

Broadcasting Production II (Advanced News and Sports Broadcasting)	
Course Code: 11051G1013	1 Credit
Prerequisite: Television Production - Studio Operations or Broadcasting Production I	Course Fee: \$15
<p>Students can elevate their broadcasting skills with Broadcasting II, a course that builds on foundational knowledge through advanced topics such as audience research, creative programming, and high-level video production. Participants will have the opportunity to produce larger projects, delve into broadcast journalism, and refine their unique vision for broadcasting. This course includes in-depth projects designed to develop both technical expertise and creative insight, equipping students for advanced studies or careers in broadcasting and digital media.</p>	

Film Production I (Intro to Filmmaking)	
Course Code: 11051G1020	1 Credit
Prerequisite: Intro to Television Production with Teacher Approval or Media Production Foundations	Course Fee: \$15
<p>Students can uncover the magic behind the movies in Film I, a course that explores the entire film production process—from pre-production planning to shooting and editing. The curriculum covers the history of filmmaking, the roles within a film crew, and provides hands-on experience in creating short films using industry techniques. This course introduces the fundamentals of cinematography, lighting, and audio, combining technical skills with storytelling to help students bring their creative visions to life on screen.</p>	

Film Production II (Advanced Filmmaking)	
Course Code: 11051G1021	1 Credit
Prerequisite: Film Production I	Course Fee: \$15
<p>In Film II, students elevate their filmmaking skills by delving into genres, advanced camera techniques, and visual effects. The course covers set design, talent casting, and budgeting for film projects, providing a comprehensive view of the filmmaking process. Students will create marketing materials and explore film distribution, gaining hands-on experience with the entire filmmaking lifecycle. By developing a professional portfolio and gaining insights into film school and career opportunities, this course prepares students for success in the film industry.</p>	

Career Pathway Project in Arts, A-V Technology, and Communications	
Course Code: 11994G1005	1 Credit
Prerequisite: Broadcasting Production II (Advanced News and Sports Broadcasting)** or Advanced TV Production	Course Fee: \$15
<p>This capstone course is the culminating experience of the Entertainment and Media pathway. Students work daily at an Auburn City School to direct broadcasts and produce videos for the school community. Open to seniors who have completed at least two career and technical education courses, the project allows students to apply their learning in a real-world setting, showcasing skills in problem-solving, decision-making, and independent learning. Students collaborate with their coordinating teacher, academic instructors, and an industry mentor to explore an area of interest deeply. The course concludes with a presentation or demonstration of their work to an audience of educators, peers, mentors, and community representatives. This project is available as a semester-long or alternating-day class throughout the school year.</p>	

CTE Lab in Arts, A-V Technology, and Communications	
Course Code: 11994G1001	1 Credit
Prerequisite: Broadcasting Production II (Advanced News and Sports Broadcasting)** or Advanced TV Production	Course Fee: \$15
<p>The CTE Lab in Arts, A-V Technology, and Communications enhances students' understanding and mastery of the program. It serves as a learning lab supporting individual interests and goals, conducted in traditional classrooms, industry settings, or virtual environments. Students learn and apply safety concepts; explore career opportunities and requirements; practice the skills needed to succeed in the workplace; take advantage of leadership, teamwork, and personal growth opportunities afforded by AHS Mass Media; and learn and practice essential digital skills. The foundational standards are to be incorporated throughout the course.</p>	

Environmental & Natural Resources CTE Program

<p>Career Tech Student Organization: Future Farmers of America (FFA) Career Readiness Indicator Credentials: Forestry Worker, Urban Forestry Technician</p>

Fundamentals of Agriscience	
Course Code: 18003G1001	1 Credit
Prerequisite: None	Course Fee: \$20
<p>Fundamentals of Agriscience introduces students to general agriculture, plant science, animal science, environment science, and industrial agricultural technologies. Currently, there is no credential offered for this course. Hands-on lessons and labs will provide students with opportunities to engage in the scientific process and demonstrate critical thinking skills. All students enrolled in Fundamentals of Agriscience are concurrently enrolled into the Auburn Blue FFA Chapter. FFA is a national organization that provide students with opportunities to compete in contests, take part in service learning, build leadership skills, explore a variety of careers, and pursue scholarships.</p>	

Agribiology	
Course Code: 18004G1001	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: \$20
<p>Agribiology uses agricultural contexts to present life science content. As students consider practical agricultural concepts, they apply scientific ways of thinking and working to solve real-life problems. In this class, students will learn about organism structures and functions, reproduction, genetics, and ecosystems. Currently, there is no credential offered for this course. All students enrolled in Agribiology are concurrently enrolled into the Auburn Blue FFA Chapter. FFA is a national organization that provides students with opportunities to compete in contests, take part in service learning, build leadership skills, and explore a variety of careers and pursue scholarships.</p>	

Forestry	
Course Code: 18502G1001	1 Credit
Prerequisite: Fundamentals of Agriscience or Horticulture	Course Fee: \$20
<p>This course is 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. Students will complete the Forestry Worker Certification credential as a part of this course. Other credential opportunities may be available and will be made known during the course of the class. All students enrolled in Forestry are concurrently enrolled into the Auburn Blue FFA Chapter. FFA is a national organization that provides students with opportunities to compete in contests, take part in service learning, build leadership skills, explore a variety of careers and pursue scholarships.</p>	

Fish and Wildlife Management	
Course Code: 18501G1001	1 Credit
Prerequisite: Fundamentals of Agriscience	Course Fee: \$20
<p>Fish and Wildlife Management is designed to acquaint students with principles and issues involving populations of fish and wildlife in their natural settings. Topics include outdoor safety; fish and wildlife conservation, issues, identification, and ecology; pest and disease management; and outdoor recreation. Students will have the opportunity to complete the Ducks Unlimited Ecology Conservation & Management Certification. Other credentials may become available during the class and will be announced during the course. All students enrolled in Fish and Wildlife Management are concurrently enrolled in the Auburn Blue FFA Chapter. FFA is a national organization that provides students with opportunities to compete in contests, take part in service learning, build leadership skills, explore a variety of careers and pursue scholarships.</p>	

Career Tech Student Organization: DECA
 Career Readiness Indicator Credential: Microsoft Office Specialist, ASK Institute- Concepts of Entrepreneurship and Management, QuickBooks

Accounting	
Course Code: 12104G1012	1 Credit
Prerequisite: None	Course Fee: None
<p>Every student planning to major in business will likely take a college accounting class—start building a strong foundation in accounting at AHS! Accounting is an excellent course for students considering IB Business Management or interested in pursuing a business major or running their own business. This includes future doctors or lawyers planning to manage their own practices. Accounting is a one-credit course designed to introduce students to the fundamental principles of the accounting cycle. The curriculum covers key topics such as analyzing and recording business transactions, preparing and interpreting financial statements, applying generally accepted accounting principles, and performing banking and payroll activities. This course provides a comprehensive foundation in financial accounting to support future academic and professional endeavors.</p>	

Entrepreneurship / INTRODUCTION TO BUSINESS (BUS 100)	
Course Code: 12053G1000 / 1299C1013	1 Credit
Prerequisite: None/ 2.5 GPA	Course Fee: None/ SUSCC Tuition
<p>Interested in running a business? Entrepreneurship is a one-credit course that equips students with the skills to organize, develop, create, and manage a business. This engaging and interactive course explores business management, entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. Students will participate in real and simulated business experiences, including pitching product ideas (think Shark Tank!), developing business plans, utilizing computer and technology applications, and creating marketing strategies. Entrepreneurship provides a hands-on approach to building essential skills for future business leaders.</p>	

Personal Finance	
Course Code: 19262G1001	1 Credit
Prerequisite: None	Course Fee: None
<p>Who should take this class? Everyone! No matter the student's career goals, they can achieve financial independence—and even become a millionaire one day. Personal Finance is a one-credit course designed to teach students how the financial decisions they make now will shape their future. This course provides opportunities to explore and develop essential money management skills. Topics include consumer behavior and decision-making, consumer protection, paying for post-secondary education, banking services, investing options, credit use, estate planning, insurance, and income taxes. Personal Finance equips students with the knowledge and tools to build a secure and successful financial future.</p>	

Digital Marketing	
Course Code: 12162G1001	1 Credit
Prerequisite: None	Course Fee: None
Do you spend countless hours on social media? Well, guess what? Over 90% of companies use social media as a marketing strategy! Make the time you spend on social media count by taking this one-credit course. This course focuses on applying tools, strategies, and processes to communicate digitally with targeted customers. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, and mobile marketing.	

Sports and Entertainment Marketing	
Course Code: 12163C1003	1 Credit
Prerequisite: None	Course Fee: None
EVENT PLANNING of all kinds!! The sports, entertainment, and non-profit industries continue to grow! Learn how to plan and market all aspects of business and social events! This one-credit course will address sports marketing (the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information), entertainment marketing (events such as fairs, concerts, trade shows, festivals, plays, product launches, and fund raising/events for a cause), and event planning (meeting the needs of clients, establishing a budget, determining the theme, determining the location, developing an event plan schedule, training of staff, staging the event, understanding legal issues in event planning, and conducting post-evaluations of event).	

Food and Beverage Services Media CTE Program

The following courses will be taught on the Auburn Junior High School campus. Students will be transported between campuses by an Auburn City Schools' school bus.

Career Tech Student Organization: Family, Career and Community Leaders of America (FCCLA) Career Readiness Indicator Credential: ServSafe Food Handler, ServSafe Manager, Food and Beverage Skills for Success

Introduction to Hospitality and Tourism	
Course Code: 16001G1001	1 Credit
Prerequisite: None	Course Fee:\$40
This course is the prerequisite for the classes in the Food and Beverage Service pathway. Hands-on training is especially important in the Hospitality and Tourism cluster. Students will have access to laboratory environments on the AJHS campus where they can experience practical, real-world circumstances in the hospitality and tourism field. School-based laboratory experiences in safe, appropriate settings are essential for developing expertise.	

Culinary Arts I	
Course Code: 16053G1012	1 Credit
Prerequisite: A grade of 70 or higher in Intro to Hospitality and Tourism	Course Fee: \$60
Culinary I introduce students to basic food production, management, and service activities in both Back of House (BOH) and Front of House (FOH). Emphasis is placed on safety, sanitation, and basic food preparation. Skills in mathematics, science, and communication are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory	

Culinary Arts II	
Course Code: 16053G1022	1 Credit
Prerequisite: A grade of 70 or higher in Culinary Arts I	Course Fee: \$60
Culinary Arts II provides advanced experiences in food production, management, and service. Topics include food service operations, advanced food production, and professionalism. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food- serving and dining area. School-based laboratory experiences are essential for students to develop skills in the industry	

Baking and Pastry Arts	
Course Code: 16056G1000	1 Credit
Prerequisite: A grade of 70 or higher in Culinary Arts I	Course Fee: \$60
In this course, students will develop professional baking skills, including recipe costing, scaling, equipment usage, and straight dough methods for products like baguettes, rolls, pan breads, and hearth breads. They'll also learn to make cookies, quick breads, muffins, and biscuits. Advanced topics cover fermentation, ingredient functionality, mixing methods, flour types, and baking chemistry. Students will produce artisan breads, laminated doughs, savory and specialty baked goods, breakfast pastries, high-ratio cakes, and decorative centerpieces.	

Health Sciences CTE Program

Career Tech Student Organization: HOSA Career Readiness Indicator Credential:
CET, CNA, CPCT, CPhT, and EMT

Foundations of Health Science	
Course Code: 14002G1001	1 Credit
Prerequisite: None	Course Fee: \$10
A course that introduces students to a wide range of health careers and can count as the required Health credit. Integrated academics combined with health care knowledge and skills provide the framework for a strong healthcare delivery system in the twenty-first century. It is recommended for all students who want to prepare for further study in an array of health-related fields at the postsecondary level. This course is the prerequisite for all health science courses. Participation in the Health Occupation Student Association (HOSA) is strongly encouraged. A \$25 fee is required for membership.	

Patient Care Technician	
Course Code: 14051G1000	1 Credit
Prerequisite: Foundations of Health Science	Course Fee: \$25
<p>Patient Care Technician is a one-credit course that provides students the opportunity to become effective and efficient multi-skilled healthcare providers. Students will develop a working knowledge of advanced patient care skills, vital signs, 12-lead ECG/EKGs, oxygen therapy, basic phlebotomy via simulation, and specimen collection and processing. Essential workforce skills and safety will be emphasized, as well as professional ethics and legal responsibilities. Students will ascertain employability skills and soft skills required by business and industry. Upon successful completion of the required theory, lab, and simulation, students may be eligible to sit for Patient Care Technician Certification.</p>	

Pharmacy Technician	
Course Code: 14152G1001	1 Credit
Prerequisite: Foundations of Health Science	Course Fee: \$25
<p>Pharmacy Technician is a one-credit course that prepares students for the Pharmacy Technician Certification exam and a pharmaceutical career. The course covers content related to medicine, federal requirements, patient safety, quality assurance, and order processing.</p>	

Health Science Internship	
Course Code:14298G2000	2 Credits
Prerequisite: Foundations of Health Science, Application and interview are required.	Course Fee: \$65
<p>A two-credit course designed for students in Grade 12. This course includes a variety of knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other healthcare facilities. Clinical assignments comprise at least 70 percent of the course at various healthcare facilities in the Auburn/Opelika area. This class will be offered during 2 consecutive blocks each semester. Student requirements: Health Science teacher recommendation, a 3.0 overall GPA, no out-of-school or in-school suspensions, no excessive absences or tardies, provide private transportation to and from the clinical site(s), provide proof of a negative TB skin test within the past year, purchase a uniform and pay a class fee of \$65.00.</p>	

Career Pathway Project in Health Science (Earn and Learn)	
Course Code: 14997G1000	1 Credit
Prerequisite: Health Science Internship	Course Fee: None
<p>Career Pathway Project (CPP) in Health Science is a capstone course which allows students to utilize the knowledge and skills gained through their secondary coursework in a practical, real-world experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and explore it in depth while demonstrating problem-solving, decision-making, and independent learning skills. The CPP contributes to an educational plan of challenging courses and practical experiences that prepares students for the workplace or for pursuing further education. During this course, the student works with his or her coordinating teacher, academic teachers, and a product or process mentor who has expertise in the student's field of study. At the conclusion of the Career Pathway Project, the student presents or demonstrates the knowledge gained to an audience consisting of the coordinating teacher, academic teachers, the mentor, peers, and community and business representatives. Career and Technical Student Organizations are integral, co-curricular components of each career and technical education course. These organizations enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and access opportunities for personal and professional growth. Students in the Health Science cluster affiliate with HOSA–Future Health Professionals</p>	

CTE Lab in Health Science (Earn and Learn)	
Course Code: 14999G1000	1 Credit
Prerequisite: Health Science Internship	Course Fee: None
<p>CTE Lab in Health Science is 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. Career and Technical Student Organizations are integral, co-curricular components of each career and technical education course. These organizations enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and access opportunities for personal and professional growth. Students in the Health Science cluster affiliate with HOSA–Future Health Professionals.</p>	

Operating Room Foundations	
Course Code: 14254G1015	1 Credit
Prerequisite: Foundations of Healthcare AND senior who did not get accepted into the internship; other spots will be available to junior students	Course Fee: \$25
<p>Operating Room Foundations is a one-credit course that introduces students to the exciting and dynamic world of the operating room and exposes students to an array of multidisciplinary specialties and concepts within perioperative medicine. Course content focuses on the knowledge and skills needed to promote patient safety and optimize surgical outcomes. Operating Room Foundations is offered to students in grades 10-12 upon successful completion of the mandatory prerequisite, Foundations of Health Science. Operating Room Foundations is recommended for students who want to prepare for further study in an array of health-related fields at the postsecondary level that utilize sterile technique, and/or care for patients preoperatively, intraoperatively, or postoperatively.</p>	

EMERGENCY MED TECHNICIAN	
Course Code: 14999C1004	1 Credit/ 3 SUSCC Credits
Prerequisite: Foundations of Health Science	Course Fee: SUSCC Tuition
<p>Emergency Medical Technician is a Dual Credit course offered through Southern Union State Community College. The course is worth 10 hours of college credit and is taught by a SUSCC instructor. The course is the entry-level of instruction in Emergency Medical Services. This course will educate through a format of both clinical and classroom instruction. The curriculum includes but is not limited to, traumatic emergencies, medical emergencies, emergency operations, emergency communications, emergency medical and trauma assessments. Upon successful completion of this course the student will be eligible to challenge the National Registry of EMS EMT Basic test. After passing the National Registry evaluation the student can apply for state licensure and will be immediately employable in the field. There is a cost of approximately \$150.00 per student for uniforms required for the clinical portion of the class in addition to SUSCC tuition.</p>	

LONG TERM CARE NURSING ASSISTANT	
Course Code: 14999C1034	1 Credit
Prerequisite: Foundations of Health Science	Course Fee: SUSCC Tuition
<p>Nursing Assisting (NAS) is a dual enrollment course offered at Southern Union State Community College. The course is taught by a SUSCC instructor. The course is the entry-level of instruction to nursing services. This course will educate through a format of both clinical and classroom instruction. This course fulfills the seventy-five (75) hour Omnibus Budget Reconciliation Act (OBRA) requirements for training of long-term care nursing assistants in preparation for certification through competency evaluation. Emphasis is placed on the development of the knowledge, attitudes, and skills required of the long-term care nursing assistant. Upon completion of this course, the student should demonstrate satisfactory performance on written examinations and clinical skills; the student will be eligible to challenge the State Certified Nursing Assistant test. Note: This course is not offered for college credit at Southern Union State Community College.</p>	

Nutrition and Wellness CTE Program - Formerly Food, Wellness, and Dietetics

Career Tech Student Organization: Family, Career and Community Leaders of America (FCCLA) Career Readiness Indicator Credential: ServSafe Food Handler, ServSafe Manager, Food and Beverage Skills for Success

Family and Consumer Sciences	
Course Code: 19251G1000	1 Credit
Prerequisite: None	Course Fee: \$30
<p>Family and Consumer Sciences, the foundation course for classes in the Nutrition and Wellness program. The broad scope of Family and Consumer Sciences is designed to give students insight into financial literacy, consumer sciences, child and family studies, housing, apparel and interior design, and food and nutrition. In addition, the class is intended to prepare students to select future courses and investigate career opportunities in those fields.</p>	

Sports Nutrition	
Course Code: 19253G1001	1 Credit
Prerequisite: Family and Consumer Sciences (Formerly Food and Nutrition)	Course Fee: \$30
<p>Sports Nutrition is a one-credit course designed for students interested in health, fitness, and sports performance. This course examines the relationship between nutrition, physical performance, and overall wellness. Students will learn how to choose nutritious foods for healthy lifestyles and peak performance of athletes. Health and disease prevention through nutrition, physical activity, and wellness practices are essential components of the course. This course emphasizes the metabolic process and management of food choices for optimal health and physical performance. Students are challenged to develop personal fitness and nutrition plans.</p>	

Nutrition and Food	
Course Code:19253G1002	1 Credit
Prerequisite: Family and Consumer Sciences (Formerly Food and Nutrition)	Course Fee: \$30
Nutrition and Food focuses on the impact of food choices, nutrition, meal management, cuisine, and following current nutritional guidelines on overall health across the life cycle. This course must be taught in a fully-equipped, residential-style kitchen.	

Food and Wellness	
Course Code: 19253G1010	1 Credit
Prerequisite: Family and Consumer Sciences (Formerly Food and Nutrition)	Course Fee: \$30
Food and Wellness is designed to provide students with current industry knowledge and skills in nutrition and dietetics. This course covers the application of the science of food and nutrition to the health and well-being of individuals and groups. Major topics include nutrition, meal planning, safety, food science, and professional behavior. This course must be taught in a fully-equipped, residential-style kitchen.	

Event Planning and Management	
Course Code: 16202G1001	1 Credit
Prerequisite: Family and Consumer Sciences (Formerly Food and Nutrition)	Course Fee: \$25
Event Planning and Management is designed for students interested in learning to create and present gatherings for groups of people to enjoy or attend for corporate goals or individual benefits. The course emphasizes the many facets of this multi-billion-dollar industry, including site selection, financial management, time management, promotion, and catering. Students will organize, plan, and evaluate various meetings and events such as conferences, sporting events, weddings, and workshops.	

Precision Machining CTE Program

Introduction to Precision Machining and Introduction to Lathe courses are AHS courses that also offer SUSCC Dual Credit for qualifying students. These courses are taught on the Auburn Junior High School campus in the Machining Lab by a certified SUSCC instructor. If you have a 2.5 GPA or higher and are interested in dual credit, please sign up for the SUSCC course or contact Mr. Brogan at mbrogan@auburnschools.org for more information.

Career Tech Student Organization: SkillsUSA
Career Readiness Indicator Credential: NIMS

Introduction to Manufacturing	
Course Code: 13001G1000	1 Credit
Prerequisite: None	Course Fee: None
A course that will provide the basic conceptual and operational knowledge of manufacturing. This class is the broadest-ranging class in the Precision Machining program. Field trips are taken to local Manufacturers to see how their respective products are made. Manufacturing processes are studied using simulated production runs. Project-Based Learning using metal, plastics, wood and a variety of Computer Aided Design (CAD) programs to run Computer Numerical Controlled (CNC) machines are completed.	

Introduction to Precision Machining / INTRODUCTION TO MACHINING TECH	
Course Code: 13203G1001 / 13249C1055	1 Credit / 3 SUSCC Credits
Prerequisite: None	Course Fee: None
<p>A course that provides an introduction to manufacturing processes and job opportunities for students who are pursuing careers in manufacturing. Students use critical thinking skills and principles of science, mathematics, and safety. This entry-level course may be taken in the Manufacturing cluster. Topics include blueprint reading, lathe turning, drill press techniques, and manual mill operations. Students entering the Manufacturing cluster must meet the academic goals and expectations of business and industry. Employability skills are stressed and reinforced through application in a job-like environment using industry-grade machining equipment and tools.</p>	

Introduction to Lathe / LATHES	
Course Code: 13204G1002 / 13249C1005	1Credit / 3 SUSCC Credits
Prerequisite: Introduction to Precision Machining	Course Fee:None
<p>A course that provides an introduction to manufacturing processes and job opportunities for students who are pursuing careers in manufacturing. Students use critical thinking skills and principles of science, mathematics, and safety. This entry-level course may be taken in the Manufacturing cluster. Students choosing the Manufacturing cluster must meet the academic goals and expectations of business and industry. Topics include engine lathe turning techniques, turning, facing, chamfering, cutting a radius, and tapering to accurate dimensions. Employability skills are stressed and reinforced through application in a job-like environment using industry-grade machining equipment and tools.</p>	

Milling and Surface Grinder I / MILLING MACHINES	
Course Code: 13204G1003 / 13249C1006	1 Credit / 3 SUSCC Credits
Prerequisite: Introduction to Precision Machining	Course Fee: None
<p>A course that provides an introduction to manufacturing processes and job opportunities for students who are pursuing careers in manufacturing. Students use critical thinking skills and principles of science, mathematics and safety. This entry-level course may be taken in the Manufacturing cluster. Students choosing the Manufacturing cluster must meet the academic goals and expectations of business and industry. Milling techniques will be taught and employability skills are stressed and reinforced through application in a job-like environment using industry-grade machining equipment and tools.</p>	

Computer-Aided Design and Computer-Aided Manufacturing I	
Course Code: 13203G1004	1 Credit
Prerequisite: None	Course Fee: None
<p>Provides an introduction to manufacturing processes and job opportunities for students who are pursuing careers in manufacturing. Students use critical-thinking skills and principles of science, mathematics, and safety. Students who choose to enter the Manufacturing cluster must meet academic goals and expectations of business and industry. Computer-Aided Design and Computer-Aided Manufacturing (CAD-CAM) I includes CAD-CAM safety, mathematics concepts, computer proficiency, 3D modeling, programming CAM software, and the manufacturing of parts.</p>	

Visual Arts (Formerly Advertising Design) CTE Program

Career Tech Student Organization: SkillsUSA-Design Club
Career Readiness Indicator Credential: Adobe Photoshop

Advertising and Graphic Design 1 (Formerly Introduction to Advertising Design)

Course Code: 11154G1001

1 Credit

Prerequisite: None

Course Fee: None

Advertising and Graphic Design 1 is an elective one-credit course that introduces students to a wide range of graphic design related topics. The class introduces principles, concepts, and skills related to advertising and graphic design. Topics of study include workflow, design, color theory, typography, critical skills, and file preparation and output. This course is the prerequisite for Advertising and Graphic Design 2 and Advertising and Graphic Design 3. It is recommended for students who want to prepare for further study in Graphic Design/Advertising related fields at the postsecondary level.

Advertising and Graphic Design 2 (Formerly Digital Design)

Course Code: 11154G1002

1 Credit

Prerequisite: Introduction to Advertising Design or Advertising and Graphic Design 1

Course Fee: None

Advertising and Graphic Design 2 extends the content of Advertising and Graphic Design 1 by providing instruction in the application of advanced design techniques and processes. Areas of study include legal issues, workflow, advertising and design, color theory, typography, digital photography, and digital file preparation and output. This class is the second of three sequential Advertising and Graphic Design courses. This class is recommended for students who want to prepare for further study in Graphic Design/Advertising related fields at the postsecondary level.

Advertising and Graphic Design 3 (Formerly Graphic Illustration)

Course Code: 12165G1022

1 Credit

Prerequisite: Digital Design or Advertising and Graphic Design 2

Course Fee: None

Advertising and Graphic Design 3 is the final course in the Advertising and Graphic Design pathway. It provides opportunities for students to pursue software credentials using industry-standard software (if they haven't already in the prerequisite courses), create multimedia design campaigns, and develop a professional design portfolio. It is recommended for students who want to prepare for further study in Graphic Design/Advertising related fields at the postsecondary level.

CTE Lab in Arts, A-V Technology, and Communications	
Course Code: 11994G1001	1 Credit
Prerequisite: Graphic Illustration or Advertising and Graphic Design 3	Course Fee: \$15
<p>The CTE Lab in Arts, A-V Technology, and Communications enhances students' understanding and mastery of the program. It serves as a learning lab supporting individual interests and goals, conducted in traditional classrooms, industry settings, or virtual environments. Students learn and apply safety concepts; explore career opportunities and requirements; practice the skills needed to succeed in the workplace; take advantage of leadership, teamwork, and personal growth opportunities afforded by the Visual Arts CTE Program; and learn and practice essential digital skills. The foundational standards are to be incorporated throughout the course.</p>	

Work-Based Learning

Career Readiness Indicator Credential: Completion of Alabama Career Essentials & ACT WorkKeys	
Cooperative Ed / WBL I-VI	
Course Code: 22998G1014	1-6 Credits
Prerequisite: Career Preparedness and one other CTE course	Course Fee: None
<p>Work-Based Learning (WBL) is the only Career and Technical Education course that allows Juniors and Seniors to earn up to 6 high school credits through both paid and unpaid work experiences. These experiences include cooperative education (Co-op), internships, on-the-job training, and pre-apprenticeships in fields aligned with the students' career goals. The WBL coordinator collaborates with local employers to create personalized career development plans that enhance specific professional skills, helping students secure jobs in one of 16 nationally recognized Career Clusters. WBL can be taken as either an alternating day or a traditional semester block class, offered during 1st to 4th blocks. Students interested in participating in WBL for the full year should enroll for at least TWO credits. Enrollment requirements include completing the online application, maintaining an acceptable attendance and conduct record, and providing reliable transportation to work. For more information, please contact Audrey Marshall, WBL Coordinator</p>	



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DUAL CREDIT/DUAL ENROLLMENT

Auburn High School currently has agreements with Auburn University, Southern Union State Community College, Troy University, and The University of Alabama to provide dual credit options for students.

Dual credit allows students to apply their college-level work to both their high school curriculum and their college curriculum, earning credits at both institutions. Dual enrollment refers to students taking college courses while still enrolled in high school, but only earning college credit for the course.

Students may take any of the courses linked here: [Dual Enrollment Equivalency List](#)

AHS is excited to offer these opportunities to our 11th and 12th grade students. The list of courses and the steps for enrollment for each program on their website and included in the links below. Each institution has its own admissions process. Parents and students should communicate directly with each institution to ensure that they have completed the steps involved for admission.

It is important to note that dual credit coursework requires students to complete registration at BOTH the high school and the college. Upon request, AHS will provide all four institutions with a counselor letter of support and a high school transcript upon request. It is the responsibility of the student and parent to secure admission to the program of their choice. Simply requesting the course at AHS does not guarantee acceptance into the dual credit program. Please review each of the programs below to determine what works best for your student. Students who sign up for virtual dual enrollment courses will not be able to take those on AHS campus. Students must have transportation available during the school day to leave the AHS campus for virtual dual enrollment courses. Students will not be allowed to remain on AHS campus during the period designated for the dual enrollment course.

Use the logos below to each of the colleges and universities below to find more information about the Dual Enrollment/Dual Credit programs.



IMPORTANT PHONE NUMBERS

Auburn City Board of Education	(334) 887-2100
Auburn City Board of Education Fax	(334) 887-2107
Auburn High School Administration	(334) 887-2120
Auburn High School Fax	(334) 502-0316

Dr. Shannon Pignato

Principal

Dr. Silvia Scaife

Career and Technical Education Director

Mr. Dan Norton

Athletic Director

Mr. Alfonzo Frazier

Assistant Principal, Students A – D

Parking and Safety

Dr. Shay Baugh

Assistant Principal, Students E – K

Student Services Coordinator

Mr. Jamie Rice

Assistant Principal, Students L – Q

Facilities Coordinator

Dual Enrollment Coordinator

Ms. Beth Antoine

Assistant Principal, Students R – Z

Building Testing Coordinator

Ms. Isalie Corneil

Students A – D

Ms. Marie Harris

Students E – K

Ms. Heather Langford

Students L – Q

Ms. Nichole Warren

Students R – Z

Ms. Janet Nelson

Registrar

Ms. Anna Veronese

Registrar

Ms. Sheryl Smith

Mental Health Counselor and National Testing Coordinator

(334) 887-2130

Mr. James Tindell

College Readiness Coordinator/IB Counselor/AP Coordinator

(334) 887-0057

Mr. Davis Thompson

IB Coordinator

(334) 887-2120

Mr. Bill Bailey

Career Coach

(334) 887-0059

Ms. Audrey Marshall

Work-Based Learning Coordinator

(334) 887-0058

Any person having inquiries concerning Auburn City School District's compliance with the regulations implementing Title VI, The American Disability Act (ADA) or Section 504 is directed to contact the Special Education Coordinator at Auburn City Schools, P.O. Box 3270, Auburn, AL 36831-3270, (334) 887-2100.

Any person having inquiries concerning Auburn City School District's compliance with the regulations implementing Title IX is directed to contact: Jason Lowe, Executive Director of Human Resources, at Auburn City Schools, P.O. Box 3270, Auburn, AL 36831-2100, (334) 887-2100.

