



2022-2023

# CURRICULUM GUIDE

## 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. This page, How to Use this Guide, offers good advice for tackling the second 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 last section, Diploma Requirements, provides a checkpoint to ensure you are taking the courses you need to earn the diploma or diploma endorsement you want. 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 diplomas require different credits. Look at the general graduation requirements, as well as the three diploma 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 NAACP 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 second section includes our AHS course offerings. The next section has references and guides to more specific information for specialized interests. The last section includes contact information.

# Table of Contents

## Introduction

|                                       |   |
|---------------------------------------|---|
| <a href="#">How to Use this Guide</a> | 2 |
|---------------------------------------|---|

## Academic Overview

|                                                                       |    |
|-----------------------------------------------------------------------|----|
| <a href="#">AHS Core Curriculum (Required Courses for Graduation)</a> | 6  |
| <a href="#">Credit Awarding Policies</a>                              | 7  |
| <a href="#">Programs of Study</a>                                     | 8  |
| <a href="#">Nontraditional Credit Programs</a>                        | 9  |
| <a href="#">Other High School Graduation Readiness Indicators</a>     | 11 |
| <a href="#">The Course Request Process</a>                            | 12 |

## Course Offerings

|                                                                      |    |
|----------------------------------------------------------------------|----|
| <a href="#">Advertising Design CTE Program</a>                       | 15 |
| <a href="#">Agricultural Environmental Sciences CTE Program</a>      | 16 |
| <a href="#">Animal Science CTE Program</a>                           | 17 |
| <a href="#">Art</a>                                                  | 18 |
| <a href="#">Building Construction CTE Program</a>                    | 20 |
| <a href="#">Business Marketing CTE Program</a>                       | 21 |
| <a href="#">Career Preparedness</a>                                  | 22 |
| <a href="#">Choral Music</a>                                         | 23 |
| <a href="#">Driver's Education</a>                                   | 23 |
| <a href="#">Education and Training CTE Program</a>                   | 24 |
| <a href="#">Engineering CTE Program</a>                              | 25 |
| <a href="#">English Language Arts</a>                                | 26 |
| <a href="#">Food, Wellness &amp; Dietetics CTE Program</a>           | 30 |
| <a href="#">Health</a>                                               | 31 |
| <a href="#">Health Science CTE Program</a>                           | 31 |
| <a href="#">International Baccalaureate Courses</a>                  | 33 |
| <a href="#">Instrumental Music</a>                                   | 39 |
| <a href="#">JROTC CTE Program</a>                                    | 41 |
| <a href="#">Mathematics</a>                                          | 44 |
| <a href="#">Mathematics Course Flow Chart</a>                        | 48 |
| <a href="#">Performing Arts</a>                                      | 49 |
| <a href="#">Physical Education</a>                                   | 51 |
| <a href="#">Precision Machining CTE Program</a>                      | 52 |
| <a href="#">Programming and Software Development CTE Program</a>     | 53 |
| <a href="#">Restaurant, Food &amp; Beverage Services CTE Program</a> | 55 |
| <a href="#">Science</a>                                              | 55 |
| <a href="#">Social Studies</a>                                       | 59 |
| <a href="#">Student Instructional Aides</a>                          | 62 |
| <a href="#">Television Production CTE Program</a>                    | 63 |
| <a href="#">Work-Based Learning</a>                                  | 64 |
| <a href="#">World Languages</a>                                      | 65 |
| <a href="#">Dual Credit/Dual Enrollment</a>                          | 69 |
| <a href="#">Dual Credit Courses by College</a>                       | 70 |
| <a href="#">Dual Enrollment: Southern Union Technical Courses</a>    | 71 |

## Diploma Requirements

---

|                                                                  |    |
|------------------------------------------------------------------|----|
| <a href="#">Diploma Endorsements</a>                             | 75 |
| <a href="#">International Baccalaureate Diploma Requirements</a> | 76 |
| <a href="#">National College Athletic Association Credits</a>    | 79 |

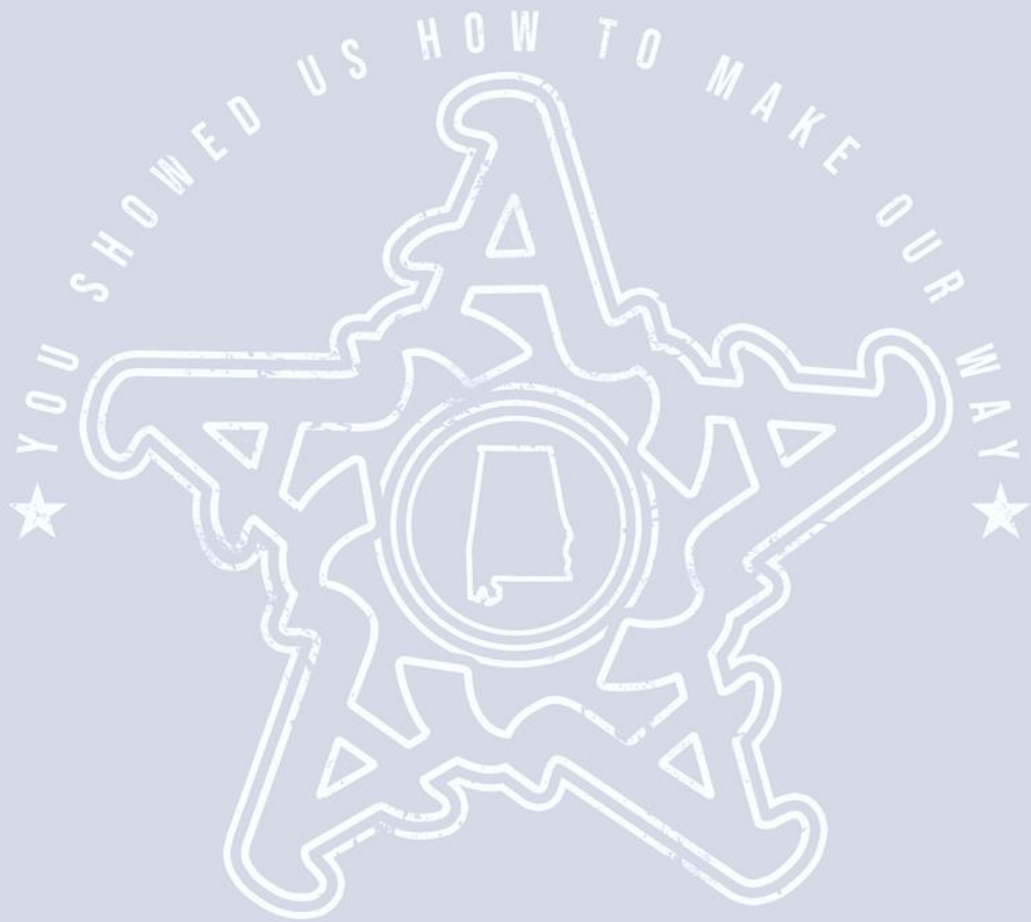
---

## Contact Information

---

|                                         |    |
|-----------------------------------------|----|
| <a href="#">Important Phone Numbers</a> | 80 |
|-----------------------------------------|----|

---



2022-2023

# ACADEMIC OVERVIEW

# 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 Enrollment, Dual Credit, or IB  
English 12: Regular, AP, Dual Enrollment, Dual Credit, or IB

---

## Mathematics 4 credits

---

For 2023 only, must include Algebra I or Algebra IA and Algebra IB, Geometry A/B and Algebra II.

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

---

## Science 4 credits

---

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

|                                       |                               |
|---------------------------------------|-------------------------------|
| <u>Other Sciences</u>                 | <u>Physical Sciences</u>      |
| Biology: Regular, Advanced, AP, or IB | Physical Science              |
| Anatomy and Physiology                | Chemistry: Regular, AP, or IB |
| Introduction to Biotechnology         | Physics: Regular, AP 1, AP 2  |
| Forensic and Criminal Investigation   | Physics C: Mechanics, AP      |
| 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.

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

---

## Mandatory Electives

---

|                       |          |
|-----------------------|----------|
| Beginning Kinesiology | 1 credit |
|-----------------------|----------|

---

|                     |          |
|---------------------|----------|
| Career Preparedness | 1 credit |
|---------------------|----------|

---

|        |          |
|--------|----------|
| Health | ½ credit |
|--------|----------|

---

---

## Special Electives 3 credits

---

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

---

---

## Other Electives 4 ½ credits

---

---

|              |                   |
|--------------|-------------------|
| <b>Total</b> | <b>26 credits</b> |
|--------------|-------------------|

---

# Credit Awarding Policies

---

## Graduation Requirements (Classes of 2023, 2024, 2025)

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. Students taking Algebra in the 8<sup>th</sup> grade, who successfully complete the course, will earn one elective credit towards graduation.
4. For students taking Algebra in the 8<sup>th</sup> grade, four additional mathematics credits must be earned in grades 9 through 12.
5. Students taking a world language in the 8<sup>th</sup> grade, who successfully complete the course, will earn one world language credit towards graduation.
6. 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.
7. No credit towards graduation will be given for courses taken prior to the 8<sup>th</sup> grade.
8. Grades earned prior to the 9<sup>th</sup> grade year will not be calculated into the high school Grade Point Average (GPA).
9. Students must take and pass the Civics Exam, required by the state of Alabama, with a grade of 60 or higher.
10. The requirements for graduation are outlined on the following pages.

## Grading Scale

| Standard       | Quality Points | Pre-AP/IB English,<br>Advanced Science,<br>Foreign Language 3 and<br>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). Each student has two weeks after the last day of the grading period to fulfill the requirements of the course and clear the 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 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 course work, 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, 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 own 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 to obtain weighted credit. The cost is approximately \$105 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 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.



## Nontraditional 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 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 Experience

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 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. Students who are interested in one of these options will be required to provide documentation 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.

### 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 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 highschool 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 listed below to earn dual credit. AHS is excited to offer these opportunities to our 11<sup>th</sup> and 12<sup>th</sup> gradestudents. You will find the list of courses and the steps for enrollment for each program below. Each institution has their 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.

## Early Completion

Auburn High School students have the option of completing 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 as well as attain a "College or Career Readiness Indicator" (see page 24) prior to exiting early. Students participating in early completion are only allowed to participate in their graduation ceremonies and prom. No student who completes in December will be allowed to participate in any other extracurricular activity or sport after December. Students must meet with their assigned counselor to plan for this option.

## 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

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 11<sup>th</sup> 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/Biology |
| 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. All students enrolled in 12<sup>th</sup> grade will take a job skills assessment to determine career readiness in specific job-related areas. This assessment is required of twelfth grade students, even if they chose to do Early Completion and finish their course work in December. December completers may need to return to campus to take this assessment in the spring.
6. CTE: Receive a CTE Career Readiness Indicator Credential

### 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 Clearing house at the end of their junior year. Please visit [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net) for detailed information and instructions. A list of all courses approved by the NCAA as core courses are available in this guide. Courses made up in credit recovery are not accepted by 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 March 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 March.
- The AHS Academic Planning and Scheduling event will be March 15, 2022.
- The online course request (registration) portal is expected to be available from March 16<sup>th</sup> – March 20<sup>th</sup>. Directions for course selection can be found on pg. 12 or the AHS webpage.
- Students will receive registration forms in Tiger Connect (advisory) on Tuesday, March 15<sup>th</sup>.
- Virtual students should plan to pick up their request sheet March 16, 2022.
- Students should take the form home, discuss classes with their parents/guardians, select courses, and input those courses into the PowerSchool portal that opens March 16<sup>th</sup> and closes March 20<sup>th</sup>. Please return the completed registration form to the counseling department by Monday, March 21<sup>st</sup>. All Parents/Guardians are encouraged to sign off on the registration form.

### How to Request Courses

The three steps below describe the course selection process for the 2022 – 2023 school year. All steps are required for an accurate schedule to be generated in PowerSchool. The PowerSchool portal for course selection is expected to open Wednesday, March 16th and close Sunday, March 20th.

#### STEP ONE:

Complete the course request form. Be sure to print your name on both pages. Please include alternative classes on the bottom of page 2, in case one of your choices is not available. Refer to the Auburn High School Curriculum Guide for prerequisites and fees. The guide is located on our school website: [auburnschools.org/ahs](http://auburnschools.org/ahs). Navigate to the "Our School" tab and choose "AHS Curriculum Guide 2022/2023".

#### STEP TWO:

- **Go to** [www.auburnschools.org](http://www.auburnschools.org) and choose Auburn High.
- **Click on** the Grade Portal link under the "For Students" tab.
- **Login** using your office 365 login (student username@ack12.org and password.)
- **Click on** Class Registration on the left side of the screen.
- **Click the** edit button (pencil) for each subject area and check the box for the class(es) you want to take. Note: for some course groups you may need to go to the next screen to see additional class options. When finished with the category, scroll to the bottom of the courses and click Okay.
- **Repeat** until you have entered all of your requests.
- **Scroll to** the very bottom of the Request Screen. Click Submit to save your class selections. Your Course Requests will show on the screen.

#### STEP THREE:

Please have your parent or guardian sign the course request form. Students should return the form to the Counseling Department by Monday, March 21<sup>st</sup>. Remember, a copy of this guide is located on our school website: [auburnschools.org/ahs](http://auburnschools.org/ahs). Navigate to the "Our School" tab and choose "AHS Curriculum Guide 2022/2023".

## Schedule Changes

Starting in June of 2017, Auburn High School began imposing a Schedule Change Fee of \$25.00.

Students requesting a schedule change after the first day of school and no later than the 3<sup>rd</sup> day of each semester must receive approval from the principal or designated administrator and will pay a schedule change fee per course they request to be changed. Be aware that we may not be able to honor the requests due to classes that are at capacity or if a conflict exists between current and required courses and desired courses.

Stay tuned to AHS modes of communication to learn when the schedule change windows will open.

The Auburn High School Counseling Department must follow the procedure outlined above for the following reasons:

- The Master Schedule is built around student selections.
- Teachers are hired based on the number of students registering for courses as well as the number of sections of each course to be offered and taught during the year.
- Any change in schedule may impact athletic eligibility and/or college admissions.
- Changes may not be guaranteed even if the student has fulfilled his/her minimum subject/course requirements.
- No schedule changes will be made based on teacher preference. Students/Parents/Guardians should carefully consider student course selections, including electives and AP/IB courses.

Schedules will be changed, without charge, for the following reasons:

- Sequence of courses is out of order.
- Schedule is incomplete. Keep in mind that an alternate course may have to be used in completing a schedule.
- Failure of a course that must be repeated.
- A summer school course has been passed.
- Reasons deemed educationally necessary by administration.

There is always the possibility that a class will be limited to the higher grades due to heavy enrollment or that a class will not be scheduled due to an insufficient number of students electing that subject. In those instances, the appropriate counselor will choose from the list of alternate courses that each student identified on their returned registration form.



2022-2023

# COURSE OFFERINGS

## Advertising Design CTE Program

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

### Introduction to Advertising Design

Course Code: 11051G1001

1 Credit

Prerequisite: None

Course Fee: None

This course is an elective one-credit course that introduces students to a wide range of graphic design related topics. Integrated academics combined with Adobe Photoshop skills provide the framework for a strong foundation regarding graphic design relevant to the twenty first century. This course is the prerequisite for all the Advertising Design courses (including Digital Design and Graphic Illustration). It is recommended for students who want to prepare for further study in Graphic Design/Advertising related fields at the postsecondary level.

### Digital Design (Level 2)

Course Code: 12165G1012

1 Credit

Prerequisite: Introduction to Advertising Design

Course Fee: None

Digital Design is an elective one-credit course that introduces students to a wide range of graphic design related topics. Integrated academics combined with Adobe Photoshop skills provide the framework for a strong foundation regarding graphic design relevant to the twenty first century. This class is the second of three sequential Advertising Design courses. In addition to many projects, we will also prepare to take a standardized test to be officially credentialed as an Adobe Photoshop Certified Associate. This class is recommended for students who want to prepare for further study in Graphic Design/Advertising related fields at the postsecondary level.

### Graphic Illustration (Level 3)

Course Code: 12165G1022

1 Credit

Prerequisite: Digital Design

Course Fee: None

Graphic Illustration is an elective one-credit course that introduces students to a wide range of graphic design related topics. Integrated academics combined with Adobe Photoshop skills provide the framework for a strong foundation regarding graphic design relevant to the twenty first century. This class is the third and final of three sequential Advertising Design courses. It is recommended for students who want to prepare for further study in Graphic Design/Advertising related fields at the postsecondary level.

## Agricultural Environmental Sciences CTE Program

Career Tech Student Organization: Future Farmers of America

Career Readiness Indicator Credentials: NCCER Core, Forestry Worker, Urban Forestry Technician

### Fundamentals of Agriscience

Course Code: 18003G1001

1 Credit

Prerequisite: None

Course Fee: \$20

Fundamentals of Agriscience introduces students to general agriculture, plant science, animal science, environment science, and industrial agricultural technologies. Students will have the opportunity to earn Integrated Pest Management (IPM) Certification as the credential for this course. Hands-on lessons and labs will provide students with opportunities to engage in the scientific process and demonstrate critical thinking skills. Membership in the Auburn FFA Chapter is highly encouraged for this course. 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.

### Horticulture Science

Course Code: 18052G1001

1 Credit

Prerequisite: None

Course Fee: \$20

Horticulture Science introduces students to plants, facilities, tools, and techniques used in the horticulture industry. Topics covered in this course include plant physiology and propagation, growth requirements, facilities, horticulture crop production, pest management, and technological applications. Students will complete the Landscape Design and Plant Materials Certification credential as a part of this course. Membership in the Auburn FFA Chapter is highly encouraged for this course. 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.

### Plant Biotechnology

Course Code: 18308G1002

1 Credit

Prerequisite: Horticulture Science ONLY

Course Fee: \$20

Plant Biotechnology familiarizes students with botany and plant biotechnology. Topics include plant classification, plant cells and tissues, plant nutrient needs, responses to stimuli, plant diseases, biotechnology advancement, and applied genetics and biotechnology concepts. Hands-on lessons and labs will provide students with opportunities to engage in the scientific process and demonstrate critical thinking skills. Membership in the Auburn FFA Chapter is highly encouraged for this course.

### Forestry

Course Code: 18502G1001

1 Credit

Prerequisite: Fundamental of Agriscience or Horticulture Science

Course Fee: \$20

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. Membership in the Auburn FFA Chapter is highly encouraged for this course. 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.



## Animal Science CTE Program

Career Tech Student Organization: FFA  
Career Readiness Indicator Credential: ATOLL, Beef Quality Assurance

### Turfgrass Management

Course Code: 18054G1000

1 Credit

Prerequisite: Fundamental of Agriscience or Horticulture Science

Course Fee: \$20

Turfgrass Management prepares students to install and maintain turfgrass in a variety of settings. Topics in Turfgrass Management include turfgrass identification, establishment, maintenance, tools and equipment, and business management. Students enrolled in the course will explore local applications of turf management and will complete the Turfgrass Management Certification credential. Membership in the Auburn FFA Chapter is highly encouraged for this course. 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.

### 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 integration of knowledge to solve problems and broaden 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. Students enrolled in the aquaculture program are eligible for membership in the Auburn FFA chapter. 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, use of the scientific method, integration of technology, and the development of student leadership skills by placing great emphasis on project-based learning. Membership in the Auburn FFA chapter is highly recommended.

### 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, use of the scientific method, integration of technology, and the development of student leadership skills by placing great emphasis on project-based learning. Membership in the Auburn FFA chapter is highly recommended.

| 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 for 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, use of the scientific method, integration of technology, and the development of student leadership skills by placing great emphasis on project-based learning. Membership in the Auburn FFA chapter is highly recommended.</p> |                  |

## 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 are skill development and problem solving in design and observation.

| Studio Art Two- Dimensional Design, AP                                                                                                                                                                                                                                                                                                                           |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05174E1000                                                                                                                                                                                                                                                                                                                                          | 1 Credit         |
| Prerequisite: Visual Art I and 2-D Art (Drawing)                                                                                                                                                                                                                                                                                                                 | Course Fee: \$45 |
| <p>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 \$105. Students will be expected to pay for art reproductions in the Spring. This course is recommended for juniors and seniors only.</p> |                  |

| Visual Art I                                                                                                                                                                                                                                                                                                                               |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05154G1001                                                                                                                                                                                                                                                                                                                    | .5 Credit        |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                         | Course Fee: None |
| <p>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 the higher-level art and is a required prerequisite for several art classes. This course satisfies the State of Alabama requirement for a fine arts elective.</p> |                  |

| Visual Arts, 2-Dimensional Design (Drawing)                                                                                                                                                                       |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05195G1021                                                                                                                                                                                           | 1 Credit         |
| Recommended Prerequisite: Visual Art I                                                                                                                                                                            | Course Fee: \$25 |
| <p>Students learn to see as an artist sees and develops skill in the use of the techniques and media of drawing. Students explore the use of line, value, and form through exposure to perspective, stilllife</p> |                  |

and figure drawings.

### Visual Arts, 2-Dimensional Design (Drawing) Part 2 or Advanced

Course Code: 05195G1022

1 Credit

Recommended Prerequisite: Visual Art I and 2D Design

Course Fee: \$20

Students will further the development of techniques and media use in drawing learned in 2D- Design-Drawing. Students will explore more life drawing and focus on their preferred media and style.

### Visual Arts, 3-Dimensional Design (Ceramics)

Course Code: 05195G1031

.5 Credit

Recommended Prerequisite: Visual Art I

Course Fee: \$35

In this course, the student explores three-dimensional design in clay and other materials. Students are introduced to the hand-built techniques of coil, slab, and drape construction in terracotta clay. Other materials such as wire, wood and paper may be explored.

### Visual Arts, 3-Dimensional Design II (Advanced Ceramics)

Course Code: 05195G1032

1 Credit

Prerequisite: 3-D Art

Course Fee: \$35

A course which cultivates the skills and concepts previously learned in 3D Art to advance student's understanding of the fine art form. Students will continue to explore the hand building techniques as well as learn new techniques including wheel throwing. This course is designed to prepare students for AP Studio Art, post-secondary education as well as professional use.

### 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 develops skill 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

.5 Credit

Recommended 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, Digital Photography II

Course Code: 05167G10D2

1 Credit

Prerequisite: Completion of Photography with minimum of 70% and Teacher/Admin Approval

Course Fee: \$35

A course which cultivates the skills and concepts previously learned in Photography to advance student's understanding of the fine art form. Students will continue to explore the facets of DSLR cameras as well as manipulation in post-production. This course is designed to prepare students for AP Studio Art, post-secondary education as well as professional use.

| Visual Arts, Printmaking II                                                                                                                                                                                                                                                                                                                                |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05161G1002                                                                                                                                                                                                                                                                                                                                    | .5 Credit        |
| Prerequisite: Visual Art I                                                                                                                                                                                                                                                                                                                                 | Course Fee: \$20 |
| <p>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 judgement.</p> |                  |

| Visual Arts, Visual Art Elec- Creating with Procreate                                                                                                                                                                                                                                                                                                                                          |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05199G1001                                                                                                                                                                                                                                                                                                                                                                        | .5 Credit        |
| Prerequisite: Visual Art I                                                                                                                                                                                                                                                                                                                                                                     | Course Fee: \$10 |
| <p>This is a nine-week Visual Arts course focusing on creating digital art on the iPad. Procreate is used by amateurs and professionals alike. Students will learn to use and develop brushes, work in layers and masks, create illustrations, animations, and surface design for printing, and more. The prerequisite for this course is Visual Arts 1, and drawing skills are necessary.</p> |                  |

## Building Construction CTE Program

|                                                                                              |
|----------------------------------------------------------------------------------------------|
| Career Tech Student Organization: Skills USA<br>Career Readiness Indicator Credential: NCCER |
|----------------------------------------------------------------------------------------------|

| Architecture, Construction, and Manufacturing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 17002G1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Course Fee: \$25 |
| <p>Architecture, Construction, and Manufacturing is the foundation course for the Architecture and Construction career cluster. Course content provides students with an overview of the Building Construction program. Students will be engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, application of hand and power tools, analyzing and interpreting construction drawings and specifications, analysis of related technical documents, basic rigging, and basic employability skills. This course utilizes NCCER curriculum.</p> |                  |

| NCCER Building Construction I - Construction Framing                                                                                                                                                                                                                                                                                            |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 17004G1001                                                                                                                                                                                                                                                                                                                         | 1 Credit         |
| Prerequisite: Architecture, Construction, and Manufacturing                                                                                                                                                                                                                                                                                     | Course Fee: \$25 |
| <p>This course is designed to complete all requirements for NCCER Core Credentialing and to facilitate students' understanding of the framing components of typical structures. Emphasis is placed on safety, career exploration as it relates to carpentry, floor systems, wall and ceiling framing, stair construction, and roof framing.</p> |                  |

| NCCER Building Construction III - Construction Finishing                                                                                                                                                                       |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 17005G1002                                                                                                                                                                                                        | 1 Credit         |
| Prerequisite: Architecture, Construction, and Manufacturing                                                                                                                                                                    | Course Fee: \$25 |
| <p>This course is designed to facilitate student understanding of the exterior and interior finishing phases of construction. This covers virtually all processes that follow the structural elements of a project. Topics</p> |                  |

include safety, career exploration, window and door installation, plumbing, electrical, insulation, wall coverings, storage, and finishes.

### Computer Numerically Controlled (CNC) Wood Technology 1

Course Code: 17006G1012

1 Credit

Prerequisite: Architecture, Construction, and Manufacturing

Course Fee: \$25

This course is designed to develop skills and knowledge of wood technology manufacturing processes and job opportunities for students who are considering careers in the construction and/or engineering fields. Topics include CAD-CAM safety, mathematical concepts, computer proficiency, utilizing CAD- CAM software, and designing and creating two-dimensional and three-dimensional projects via computer numerical control operations.

## Business Marketing CTE Program

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

EVERY student planning to major in business will have to take a college accounting class – do not miss your opportunity to build a strong accounting foundation at AHS! \*Accounting is a great class to take if you are considering IB Business Management. This course is excellent for any student interested in majoring in business or interested in running their own business (this also includes you if you plan to be a doctor or lawyer and have your own practice!!) Accounting is a one-credit course designed to help students understand the basic principles of the accounting cycle. This course provides a comprehensive introduction to basic financial accounting, including analyzing and recording business transactions, preparing and interpreting financial statements, demonstrating generally accepted accounting principles, and performing banking and payroll activities.

### Entrepreneurship (Formerly Business Finance)

Course Code: 12053G1000

1 Credit

Prerequisite: None

Course Fee: None

WANT TO RUN A BUSINESS? Entrepreneurship is a one-credit course designed to provide students with skills needed to effectively organize, develop, create, and manage a business. This course is fun and actively explores business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. You will complete real and simulated business experiences and competitions such as, pitching a product idea (think Shark Tank!!!), developing a business plan, utilizing computer and technology applications, and creating a marketing strategy.

| Digital Marketing (Formerly Internet and Social Media Marketing)                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 12162G1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Course Fee: None |
| <p>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 process to communicate digitally with targeted customers. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, and mobile marketing.</p> |                  |

| Personal Finance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 19262G1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Course Fee: None |
| <p>Who should take this class? EVERYONE! No matter what your career goals, you CAN be a millionaire one day. Take Personal Finance to learn how the decisions you make (even today) will impact your financial independence! Personal Finance, a one-credit course, provides opportunities for students to explore and develop money management skills. Topics include consumer behavior and decision making, consumer protection, paying for post-secondary education, banking services and investing options, the use of credit, estate planning, insurance, and income taxes.</p> |                  |

| Sports and Entertainment Marketing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 12163G1003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Course Fee: None |
| <p>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).</p> |                  |

## Career Preparedness

| Career Preparedness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 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 enables them to achieve success in schools, at work, and across the life span.</p> |                  |

## Choral Music

Because choral auditions are occurring after the course selection window, please select the class you anticipate being in. 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 property of Auburn High School. There will be additional fees for trips and competitions during the school year.

| Trad & Emer Show Choir V (Varsity Singers)                                                                                                                                                                                                                                                                                                                                                            |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Course Code: 05121G1005                                                                                                                                                                                                                                                                                                                                                                               | 1 Credit          |
| Audition Required                                                                                                                                                                                                                                                                                                                                                                                     | Course Fee: \$400 |
| 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. <u>Participation in this group is through singing and dancing audition.</u> |                   |

| Trad & Emer Women's V (Élan) / Men's Chorus IV (Men at Work)                                                                                                                                                                                                                                                                                                                    |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Course Code: 05111G10W5 / 05111G10M4                                                                                                                                                                                                                                                                                                                                            | 1 Credit          |
| Audition Required                                                                                                                                                                                                                                                                                                                                                               | Course Fee: \$400 |
| These courses are select choirs open to students and is designed for the more advanced choral student. These groups perform a wide variety of literature and serves as a public relations organization for Auburn High School. Rehearsals are also conducted Tuesday evenings from 5:30 – 8:30 p.m. <u>Participation in this group is through singing and dancing audition.</u> |                   |

| Music Theory, AP                                                                                                                                                                                                                                                                                                        |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 05114E1000                                                                                                                                                                                                                                                                                                 | 1 Credit        |
| Prerequisite: Experience with Music                                                                                                                                                                                                                                                                                     | Exam Fee: \$105 |
| A course offered to grades 11 and 12. Content area includes musical structure, analysis of composition, notational systems, arrangement for instruments and/or voices, improvisational accompaniment on piano or other instruments. A basic understanding of music or prior experience in a music ensemble is required. |                 |

## Driver's Education

| Driver's Education                                                                                                                                                                                                                                                                                                                                        |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 08152G0500                                                                                                                                                                                                                                                                                                                                   | .5 Credit        |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                        | Course Fee: \$30 |
| 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. |                  |

## Education and Training CTE Program

Career Tech Student Organization: FCCLA  
 Career Readiness Indicator Credential: Praxis I Core Academic Skills for Educator Exam and  
 Praxis II Principles of Learning and Teaching

### Education and Training

Course Code: 1915G1000

1 Credit

Prerequisite: None

Course Fee: \$10

Education and Training 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, learning styles, research, characteristics of positive classroom environments, human growth and development, curriculum development, student characteristics, teaching techniques, learning activities, educational initiatives, technology, and careers. Observational experiences are a required component of this course.

### Teaching I

Course Code: 19152G1012

1 Credit

Prerequisite: Education and Training

Course Fee: \$10

Teaching I content includes information to help students implement the teaching and learning processes. Major topics are funding sources, budget preparations, legal aspects, research, teaching and learning theories, curriculum development, positive learning environments, creative teaching techniques, appropriate learning activities, instructional resources, community resources and services, scope and sequence charts, course outlines, lesson plans, testing, grading, developing partnerships, technology, and careers. School-based laboratory experiences are essential for students to develop skills in teaching. Student requirements: Education and Training teacher approval, no out of school suspensions and excessive absences, and student must provide private transportation to the placement site(s).

### Teaching II

Course Code: 19152G1022

1 Credit

Prerequisite: Teaching I

Course Fee: \$10

Teaching II content provides students with advanced knowledge and skills used in the education field. Concepts of legal aspects of education, instructional resources, motivation, types of assessments, constructing texts, positive learning environments, lesson planning and teaching for various areas and grades, reading level of instructional materials, classroom management strategies, partnerships, public relations, professional associations, technology, and careers are included in the course. Students will complete a philosophy of education and complete the Alabama Educator Certification Testing Program. Observational experiences are a required component of this course. Student requirements: Education and Training teacher approval, no out of school suspensions and excessive absences, and student must provide private transportation to the placement site(s).



| Education and Training Internship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 19198G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 Credit         |
| Prerequisite: Senior students who have completed Teaching II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Course Fee: None |
| <p>Education and Training Internship content provides students with hands-on experience, advanced knowledge and skills used in the education field. Instructional program is compiled 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 Education and Training teacher approval, no out of school suspensions and excessive absences; and student must provide private transportation to the placement site(s).</p> |                  |

## Engineering CTE

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.

|                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------|
| <p>Career Tech Student Organization: TSA<br/>         Career Readiness Indicator Credential: Fusion360, SolidWorks</p> |
|------------------------------------------------------------------------------------------------------------------------|

| Introduction to Engineering Design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 21017G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 Credit         |
| Prerequisite: Average of 75 or better in math or completed Automation and Robotics with average of 75 or better                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 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 discussion of possible career opportunities.</p> |                  |

| Principles of Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 21018G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 Credit         |
| Prerequisite: Required 70 average in Geometry or Algebra I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 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. They will also learn how engineers address concerns about the social and political consequences of technological change. 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 questions, "Is a career in engineering or engineering technology for me?"</p> |                  |

| Digital Electronics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 21023G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 Credit         |
| Prerequisite: Introduction to Engineering Design and Principles of Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Course Fee: \$15 |
| <p>This course is a study of applied digital logic and is patterned after the first semester course in Digital Electronics taught in two and four-year colleges. Students will study the application of electronic logic circuits and devices and apply Boolean logic to the solution of problems. Such circuits are found in watches, calculators, video games, computers, and thousands of other devices. The use of smart circuits is present in virtually all aspects of our lives and its use is increasing rapidly, making digital electronics an important course of study for a student exploring a career in engineering/engineering technology. Using circuit simulation software, students will test and analyze simple and complex digital circuitry. Students will design circuits, using simulation software and breadboarding to construct the design using IC chips and other components.</p> |                  |

| Aerospace Engineering                                                                                                                                                                                                                                                                                                                                       |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 21019G1000                                                                                                                                                                                                                                                                                                                                     | 1 Credit         |
| Prerequisite: Average of 75 or better 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> |                  |

| Introduction to Robotics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 21009G1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 Credit         |
| TSA membership and Student Application Required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Course Fee: \$50 |
| <p>This one-credit course is designed to provide students with the fundamental knowledge and skills of robotics. Emphasis is placed on 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 can be picked up from Robotics teacher at AJHS or Mrs. S. Sharman at AHS. <a href="https://forms.office.com/r/7uud1vempa">RoboticsApplication - https://forms.office.com/r/7uud1vempa</a></p> |                  |

## English Language Arts

| English 10                                                                                                          |                  |
|---------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 01002G1000                                                                                             | 1 Credit         |
| Prerequisite: English 9                                                                                             | Course Fee: None |
| <p>A course covering American literature from 1599, 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,</p> |                  |

composition, vocabulary, and grammar. Summer reading is required for Advanced English 10. This course earns an additional .5 quality point of weighted credit.

### 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, a Shakespearean play, 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: \$105 |
| 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: \$105 |
| 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 – 11<sup>th</sup> 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. The tuition fee for this course is approximately \$500 dollars. |                           |

| ENGLISH COMPOSITION I – 12 <sup>th</sup> grade (Dual Credit)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Course Code: 01999C1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 Credit                  |
| Prerequisite: 2.5 GPA and 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. The tuition fee for this course is approximately \$500 dollars.</p> |                           |

| ENGLISH COMPOSITION II – 12 <sup>th</sup> 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. The tuition fee for this course is approximately \$500 dollars.</p> |                           |

| ACT Prep                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 23992X10AH                                                                                                                                                                                                                                                                                                                                                                                                                                                       | .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)                                                                                                                                                                                                               |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 01104G1000                                                                                                                                                                                                                   | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                        | Course Fee: None |
| <p>This course may be taken for a term and is offered to students interested in developing and improving their creative writing skills. Students will read a wide variety of writing and will write plays, short stories, and poetry.</p> |                  |

| Creative Writing (.5 credit)                                                                             |                  |
|----------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 01104G0500                                                                                  | .5 Credit        |
| Prerequisite: None                                                                                       | Course Fee: None |
| <p>This course may be taken for a quarter course and is offered to students interested in developing</p> |                  |

and improving their creative writing skills. Students will read a wide variety of writing and will write plays, short stories, and poetry.

### Creative Writing II

Course Code: 01104G10L2

1 Credit

Prerequisite: Creative Writing I

Course Fee: None

This course concentrates on improving the writing skills and providing practice for students who would like to pursue writing as a potential future career or students who have a passion for writing. The course will engage with and analyze language, stretch creativity, and produce publication quality work. Students will keep a daily journal, investigate revision and peer editing to make writing more reader-friendly, and produce an e-portfolio that will serve to self-publish and allow the student to continue beyond the class. Students will read and investigate other author's techniques to develop their own writing voice through a variety of poetry and prose exercises.

### Debate

Course Code: 01151G1001

1 Credit

Prerequisite: None

Course Fee: None

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 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 tournament if students choose to participate.

### Advanced Debate

Course Code: 01151G10D2

1 Credit

Prerequisite: Debate

Competition Fee: \$105

Advance Debate students will continue to expand their knowledge of various forms of debate. Students will learn debating skills, primarily for interscholastic tournament competition. 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. (Wade UDL) 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 .5 quality point of weighted credit.

| Advanced Debate 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Course Code: 01151G10D3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 Credit               |
| Prerequisite: Debate and Advanced Debate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Competition Fee: \$100 |
| <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 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 .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 which 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: 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. Students also will be required to do some summer work, including independently selling business ads, helping with senior portraits, and attending a 3-day workshop in Auburn. Teacher approval required.</p> |                  |

## Food, Wellness and Dietetics CTE Program

|                                                                                                             |
|-------------------------------------------------------------------------------------------------------------|
| <p>Career Tech Student Organization: FCCLA<br/>         Career Readiness Indicator Credential: Servsafe</p> |
|-------------------------------------------------------------------------------------------------------------|

| Food and Nutrition                                                                                                                                                                                                                                                                                        |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 19252G1000                                                                                                                                                                                                                                                                                   | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                        | Course Fee: \$25 |
| <p>A course whose topics include the impact of daily nutrition and wellness practices on long-term health and wellness; physical, social, and psychological aspects of healthy nutrition and wellness choices; selection and cooking of nutritious meals and snacks based on United States Department</p> |                  |

of Agriculture (USDA) Dietary Guidelines; safety, sanitation, storage, and recycling processes and issues associated with nutrition and wellness; impacts of science and technology on nutrition and wellness issues; and nutrition and wellness career paths. This course will serve as the prerequisite course for the Food, Wellness, and Dietetics Pathway.

### Sports Nutrition

Course Code: 19253G1001

1 Credit

Prerequisite: Food and Nutrition

Course Fee: \$25

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.

### Dietetics

Course Code: 19253G1000

1 Credit

Prerequisite: Food and Nutrition

Course Fee: \$25

This course provides students with advanced knowledge and skills used by registered dietitians. Major topics include nutrition, safety, food service, and professional behavior, with particular focus on meal planning and meal preparation.

## Health

### Health

Course Code: 08051G0500

.5 Credit

Prerequisite: None

Course Fee: None

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.

## Health Science CTE Program

Career Tech Student Organization: HOSA

Career Readiness Indicator Credential: CET, CNI, CPCT, CPhT, 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 the health science courses. Participation in the Health Occupation Student Association (HOSA) is strongly encouraged. A \$25 fee is required for membership.

### Emergency Services and Management

Course Code: 14055G1000

1 Credit

Prerequisite: Foundations of Health Science

Course Fee: \$25

The Emergency Services course prepares the student to provide prehospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. Areas of study include an introduction to emergency medical services systems, roles and responsibilities of Emergency Medical Responders, anatomy and physiology, medical emergencies, trauma, and special considerations for working in the prehospital setting. A focus on patient assessment makes this course an excellent option for students considering employment in therapeutic fields of medicine. Emergency Services students can earn their Basic Life Support certification in addition to the opportunity to sit for the Certified EKG Technician exam (12th grade students). Upon successful completion of this course, students may choose to continue studies in Health Science Internship, EMT Dual Credit or Work-Based Experience Seminar.

### EMERGENCY MED TECHNICIAN

Course Code: 14999C1004

3 Credits

Prerequisite: Foundations of Health Science

Course Fee: SUSCC Tuition

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 to 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.

### Long Term Care Nursing Assistant

Course Code: 14999C1034

1Credit

Prerequisite: Foundations of Health Science

Course Fee: SUSCC Tuition

Nursing Assisting (NAS) is a dual enrollment course offered through 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, clinical skills and 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.



| Health Science Internship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 14298G2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 Credits        |
| Prerequisite: Foundations of Health Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Course Fee: \$85 |
| <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 health care 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 \$85.00.</p> |                  |

| Advanced Health Seminar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 14297G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 Credit         |
| Prerequisite: Health Science Internship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Course Fee: None |
| <p>A one credit course designed to keep abreast of the rapid changes in business and industry by offering students a rigorous array of coursework and work-based experience to help prepare them for advanced learning and a wide range of health career opportunities. This course is designed to provide the local education agency flexibility to meet health care demands in the community. Students are introduced to careers in therapeutic services including, but not limited to, nursing, medicine, physical therapy, surgical technologist, respiratory therapist, emergency medical technician and others. Clinical assignments comprise at least 95 percent of the course at various healthcare facilities in the Opelika/Auburn area. This class will be offered during 3rd and/or 4th block(s) during the second semester.</p> |                  |

| Therapeutic Services                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 14099G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 Credit         |
| Prerequisite: Health Science Internship                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Course Fee: None |
| <p>A one credit course designed to keep abreast of the rapid changes in business and industry by offering students a rigorous array of coursework and work-based experience to help prepare them for advanced learning and a wide range of health career opportunities. This course is designed to provide the local education agency flexibility to meet health care demands in the community. Students are introduced to careers in therapeutic services including, but not limited to, nursing, medicine, physical therapy, surgical technologist, respiratory therapist, emergency medical technician and others. Clinical assignments comprise at least 95 percent of the course at various healthcare facilities in the Opelika/Auburn area. This class will be offered during 3<sup>rd</sup> and/or 4<sup>th</sup> block(s) during the second semester.</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, 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. |                                 |

| Lang A Lit, 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Course Code: 02140E10HL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 Credit                        |
| Prerequisite: AP Calculus AB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Course Fee: Included in IB Fees |
| 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. |                                 |

| Bio, SL, IB & Other SDE Life Sci Elect (11 <sup>th</sup> 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 &amp; 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 a 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 (12 <sup>th</sup> 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 &amp; 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 a 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>A one-year course that fulfills the requirement of IB SL chemistry. This course follows the prescribed IB curriculum with a distinct European focus including extensive content in organic and analytical chemistry. Students are required to complete an individual investigation comprising about ten hours of outside work and culminating in approximately a ten-page researchpaper. It is a very demanding course with emphasis on experimental design. Students must have completed one Chemistry course that includes a lab program. The IB Chemistry Exam is required and will be administered in May.</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</p> |                                 |

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.

### History, SL, IB (11<sup>th</sup> grade)

Course Code: 04054E10SL

1 Credit

Prerequisite: History 10 or AP European History (preferred)

Course Fee: Included in IB Fees

This course aims to promote an understanding of history as a discipline, including the nature and diversity of its sources, methods and interpretations. The eleventh-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.

### History, HL, IB (12<sup>th</sup> grade)

Course Code: 04054E10HL

1 Credit

Prerequisite: IB History 11

Course Fee: Included in IB Fees

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.

### Psychology, SL, IB

Course Code: 04257E10SL

1 Credit

Prerequisite: None

Course Fee: Included in IB Fees

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.

### World Religions, SL, IB

Course Code: 04017E10SL

1 Credit

Prerequisite: None

Course Fee: Included in IB Fees

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 in the IB program and is an IB elective.

### French, B, SL, IB

Course Code: 24113E10SL

1 Credit

Prerequisite: French 4

Course Fee: Included in IB Fees

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.

### German B, SL, IB

|                         |                                 |
|-------------------------|---------------------------------|
| Course Code: 24263E10SL | 1 Credit                        |
| Prerequisite: German 4  | Course Fee: Included in IB Fees |

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.

### Spanish, B, SL, IB

|                         |                                 |
|-------------------------|---------------------------------|
| Course Code: 24063E10SL | 1 Credit                        |
| Prerequisite: Spanish 4 | Course Fee: Included in IB Fees |

This 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 Advanced Placement Exam or the IB Language B standard level exam. The text is Galería, which is supplemented by a wide variety of culturally authentic materials. Students in IB Spanish SL are required to take the IB Spanish SL Exam in May. Student may also choose (with advanced notification) to take the AP Spanish Exam in May if they pay the exam fee.

### Dance, SL, IB

|                         |                               |
|-------------------------|-------------------------------|
| Course Code: 05012E10SL | 1 Credit                      |
| Prerequisite: None      | Exam Fee: Included in IB Fees |

Emphasis on content which focuses on the composition, performance, and analysis of dance, or "expressive movement," which is practiced among peoples of various backgrounds, and for a variety of purposes, throughout the planet. (From ibo.org) The IB dance course takes a holistic approach to dance and embraces a variety of dance traditions and dance cultures—past, present, and looking towards the future. Performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, or those, more broadly, who seek life enrichment through dance. A STUDENT MAY EARN A TOTAL OF TWO FULL CREDITS FOR THIS COURSE, IF APPLICABLE.

### Music, SL, IB

|                         |                               |
|-------------------------|-------------------------------|
| Course Code: 05115E10SL | 1 Credit                      |
| Prerequisite: None      | Exam Fee: Included in IB Fees |

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.

### Visual Art, SL, IB

Course Code: 05173E10SL

1 Credit

Prerequisite: Visual Art I and 2-D Art

Course Fee: \$25

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.

### Theatre, SL, IB

Course Code: 05062E10SL

1 Credit

Prerequisite: Theatre

Course Fee: Included in IB Fees

A course combining advanced theatre students and IB students choosing theatre as their elective. The course spans two years of instruction (1credit per year) for the IB theatre student. All students are required to keep a personal theatre journal throughout the course, to participate in the AHS Theatre productions mounted during their time in the course, and to submit a written review of one off-campus live or virtual theatrical production.

The IB Diploma Program theatre course is a multifaceted theatre-making course of study. It gives students the opportunity to make theatre as creators, designers, directors, and performers. Students will work individually and collaboratively as part of an ensemble. During the two-year course, IB Theatre students must complete the following External Assessments (Tasks 1 & 2) and Internal Assessment (Task 3):

Task 1: Director's Notebook — Students research and examine the various contexts of at least one published play text and reflect on live theatre moments they have experienced as spectators. Students take part in the practical exploration of at least two contrasting published play texts and engage with the process of transforming a play text into action. Students direct at least one scene or section from one published play text which is presented to others.

Task 2: Research Presentation — Students research and examine the various contexts of at least one world theatre tradition. Students practically examine the performance conventions of at least one world theatre tradition and apply this to the staging of a moment of theatre. Students present a moment of theatre to others which demonstrates the performance convention(s) of at least one world theatre tradition.

Task 3: Collaborative Project — Students reflect on their own personal approaches, interests and skills in theatre. They research and examine at least one starting point and the approaches employed by one appropriate professional theatre company and consider how this might influence their own personal approaches. Students respond to at least one starting point and engage with the process of transforming it collaboratively into an original piece of theatre. Students participate in at least one production of a collaboratively created piece of original theatre, created from a starting point, which is presented to others.

### Business and Management, SL, IB

Course Code: 12059E10SL

1 Credit

Prerequisite: None

Course Fee: Included in IB Fees

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.

## Instrumental Music

A band fee of \$100 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 \$175 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.

| Trad & Emer Ens, Inst Cham Ens II (Symphonic Band)                                                                                                                                                                                                                                                                                                                                                                                                       |                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Course Code: 05106G1012                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 Credit          |
| Audition Required                                                                                                                                                                                                                                                                                                                                                                                                                                        | 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 III (Concert Band)                                                                                                                                                                                                                                                                                                                                                                                                    |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Course Code: 05102G1003                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 Credit          |
| Audition Required                                                                                                                                                                                                                                                                                                                                                                                                                                   | 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, Concert Band I (Beginning Band)                                                                                                         |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05102G1001                                                                                                                                  | 1 Credit         |
| Prerequisite: None                                                                                                                                       | Course Fee: \$30 |
| Learn to Play a Band Instrument! No experience needed. Students will have to provide some instruments based on selection. See Mrs. Marshall for details. |                  |

| Trad & Emer Ens, Orchestra V (Wind Symphony)                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Course Code: 05104G1005                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 Credit          |
| Audition Required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Course Fee: \$125 |
| <p>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.</p> |                   |

| 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> |                        |

| Trad & Emer Ens, Jazz Ensemble IV (Jazz Band)                                                                                                                                                                                                                                                                                                   |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Course Code: 05105G1004                                                                                                                                                                                                                                                                                                                         | 1 Credit          |
| Audition Required                                                                                                                                                                                                                                                                                                                               | Course Fee: \$100 |
| <p>This course currently operates as a jazz-rock ensemble. Subject matter includes study and performance of both traditional and current forms of America's only native art form. 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.</p> |                   |

| Harmonizing Instruments, Piano                                                                                                                                                 |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05107G1001                                                                                                                                                        | 1 Credit         |
| Prerequisite: None                                                                                                                                                             | Course Fee: \$40 |
| <p>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.</p> |                  |

| Harmonizing Instruments, Piano II                                                                                                                                                                                                                                                                                                        |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05107G1002                                                                                                                                                                                                                                                                                                                  | 1 Credit         |
| Prerequisite: Piano 1 or Instructor approval                                                                                                                                                                                                                                                                                             | Course Fee: \$40 |
| <p>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.</p> |                  |



| 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 payoff 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 in an effort to prepare students for pursuing a career in music technology. |                  |

| Music Theory, AP                                                                                                                                                                                                                                                                                                        |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 05114E1000                                                                                                                                                                                                                                                                                                 | 1 Credit        |
| Prerequisite: Experience with Music                                                                                                                                                                                                                                                                                     | Exam Fee: \$105 |
| A course offered to grades 11 and 12. Content area includes musical structure, analysis of composition, notational systems, arrangement for instruments and/or voices, improvisational accompaniment on piano or other instruments. A basic understanding of music or prior experience in a music ensemble is required. |                 |

## Junior Reserve Officer Training Corp (JROTC) CTE

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 Technical Education elective option.

|                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Career Tech Student Organization: Raiders, Drill Team, Color Guard, Rifle Team<br>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 |
| This course offers study in leadership theory and application, foundations for success, communication/study skills, citizenship, military customs and courtesies, physical training, drill, first aid, 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. Cadets are required to turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so will result in monetary fines.

### Leadership, Education & Training II (LET II)

Course Code: 09052G1001

1 Credit

Prerequisite: Completion of LET I with a minimum of 70%

Course Fee: None

This course offers study in 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, 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. Cadets are required to turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so will result in monetary fines.

### Leadership, Education & Training III (LET III)

Course Code: 09053G1001

1 Credit

Prerequisite: Completion of LET II with a minimum of 70%

Course Fee: None

This course offers study in: decision making; deliberate planning, mid-level supervisory skills, career planning, introduction to the Nation's Defense Forces, 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. Cadets are required to turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so will result in monetary fines.

### Leadership, Education & Training IV (LET IV)

Course Code: 09054G1001

1 Credit

Prerequisite: Completion of LET III with a minimum of 70%

Course Fee: None

This course offers study in 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. Cadets are required to turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so will result in monetary fines.

### Army JROTC 2b

Course Code: 09052G1002

1 Credit

Prerequisite: Completion of LET IV with a minimum of 70%

Course Fee: None

This course is used to supplement and reinforce the instruction given in JROTC. Focus of instruction will be on: NEFE High School Financial Planning Program, physical fitness, citizenship, and mid-level supervisory 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.

Cadets are required to turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so will result in monetary fines.

### Army JROTC 3b

Course Code: 09053G1002

1 Credit

Prerequisite: Completion of Army JROTC 2b with a minimum of 70%

Course Fee: None

This course is used to supplement and reinforce the instruction given in JROTC. Focus of instruction will be on: Medal of Honor Character Development Program, armed forces history and purpose, physical fitness, citizenship, and senior-level supervisory 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. Cadets are required to turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so will result in monetary fines.

### Army JROTC 4b

Course Code: 09054G1002

1 Credit

Prerequisite: Completion of Army JROTC 3b with a minimum of 70%

Course Fee: None

This course is used to supplement and reinforce the instruction given in JROTC. Focus of instruction will be on: JROTC Continuous Improvement Program, service learning, physical fitness, citizenship, and senior-level supervisory 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. Cadets are required to turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so will result in monetary fines.

### Army JROTC 1b

Course Code: 09051G1002

1 Credit

Prerequisite: Approval by SAI, AI and Administration

Course Fee: None

This course is used to reintegrate students into the JROTC program who previously did not meet course prerequisites to continue. Focus of instruction is the course the student failed to meet minimum standard for advancement in the program. 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. Cadets are required to turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so will result in monetary fines.

## 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 if not completed in 8 <sup>th</sup> grade)                                                                                                                                                                                                                                                                                                                                                                                                     |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 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: *Specific to grade cohort                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 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 |
| <p>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.</p> |                  |

| Applications of Finite Mathematics                                                                                                                                                                        |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 02136G1000                                                                                                                                                                                   | 1 Credit         |
| Prerequisite: Algebra II, Algebra II with Trigonometry, Algebra II with Statistics                                                                                                                        | Course Fee: None |
| <p>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</p> |                  |

use a variety of approaches and representations to make sense of advanced counting problems, then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use 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.

### Math Modeling

Course Code: 02137G1000

1 Credit

Prerequisite: Algebra II, Algebra II with Trigonometry, Algebra II with Statistics

Course Fee: None

Mathematical Modeling is a newly designed, specialized mathematics course developed to expand on and reinforce the concepts already introduced in previous courses by applying them in the context of mathematical modeling. In this course, students explore decision-making for financial planning and management, design in three dimensions, interpreting statistical studies, and creating functions to model change in the environment and society.

### Precalculus

Course Code: 02110G1000

1 Credit

Prerequisite: Algebra II with Trig OR Algebra II with Statistics

Optional Note Packet: \$12

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 Trigonometry

Course Fee: SUSCC Tuition  
Optional Note Packet: \$12

This is a one semester Pre-Calculus course. The course is a combination of Precalculus Algebra and Precalculus Trigonometry at Southern Union Community College. The course covers the following topics: the algebra of functions (including polynomial, rational, exponential, and logarithmic functions), systems of equations and inequalities, quadratic inequalities, and the binomial theorem, as well as the study of trigonometric (circular functions) and inverse trigonometric functions and includes work with trigonometric identities and trigonometric equations, vectors, complex numbers, DeMoivre's Theorem, functions, and polar coordinates. This course may be taken by 11th or 12th grade students. Students will receive their AHS Pre-Calculus credit and a Pre-Calculus with Algebra and Trigonometry (MTH 115) credit from Southern Union with a score of 70 or above. The tuition fee for this course (4 hours credit) is approximately \$620 dollars.

### ALSDE app Math Elec (Probability and Statistics)

Course Code: 02999G1001

1 Credit

Prerequisite: Algebra II with Trig

Optional Note Packet: \$8

This math course is an introduction to probability and statistics. Concepts in this course are similar to an introductory statistics course at a college or university. Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data (describing patterns and departures from patterns), sampling and experimentation (planning and conducting a study), anticipating patterns (exploring random phenomena using probability and simulation) and statistical inferences (estimating population parameters and testing hypotheses).

| Computer Science Principles, AP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 10019E1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 Credit        |
| Prerequisite: Geometry and Algebra I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Exam Fee: \$105 |
| <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 with Stats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Exam Fee: \$105 |
| <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 includes 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: \$12 |
| <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: Pre-Calculus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Course Fee: SUSCC Tuition<br>Optional Note Packet: \$12 |
| <p>This is a one semester Calculus course intended for students to earn dual credit for both high school and college credit. The topics include the limit of a function; the derivative of algebraic, trigonometric, exponential, and logarithmic functions; and the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, and curve sketching using calculus. This course is the first of a three-part calculus series at Southern Union. This course is also a great option for students who need only one math credit in college if their institution accepts DE courses for their area of study. This course may be taken by 11<sup>th</sup> or 12<sup>th</sup> grade students. Students will receive their AHS Calculus credit and a Calculus I (MTH 125) credit at Southern Union with a score of 70 or above. The tuition fee for this course (4-hour credit) is approximately \$620 dollars.</p> |                                                         |

| Calculus AB, AP                                                                                                                                                                                                                        |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 02124E1000                                                                                                                                                                                                                | 1 Credit        |
| Prerequisite: Precalculus (not on ACCESS isrecommended) or Calculus                                                                                                                                                                    | Exam Fee: \$105 |
| 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. |                 |

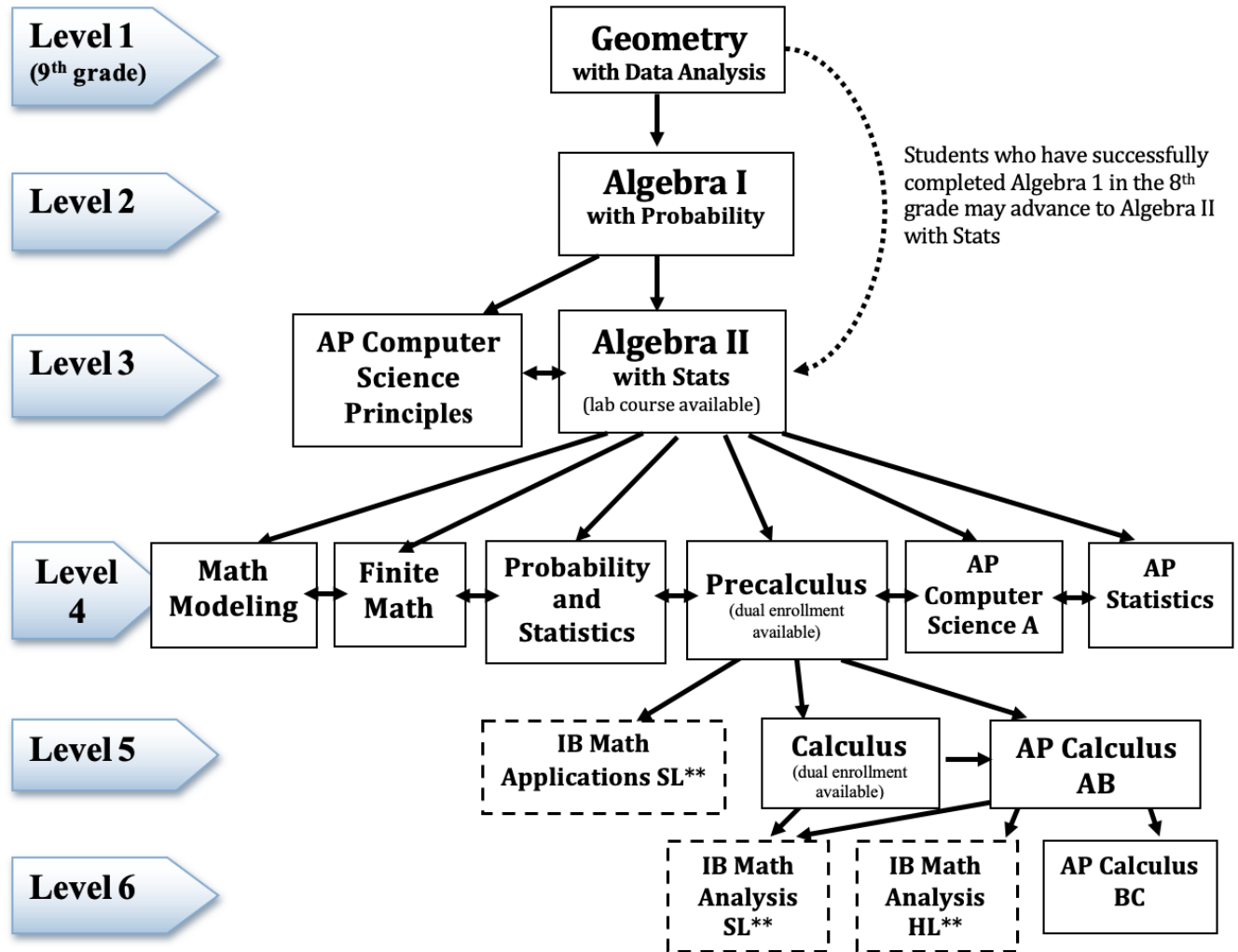
| Calculus BC, AP                                                                                                                                                                                                |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 02125E1000                                                                                                                                                                                        | 1 Credit        |
| Prerequisite: AP Calculus AB                                                                                                                                                                                   | Exam Fee: \$105 |
| 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. |                 |

| Statistics, AP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 02203E1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 Credit        |
| Prerequisite: Algebra II with Trig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Exam Fee: \$105 |
| 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. |                 |

# AHS Mathematics Classes Flowchart

For use in the 2022 – 2023 school year

Four math credits are required for graduation.  
For placement questions, please contact the current or previous math teacher.



- Students may take Probability and Statistics, Math Modeling, Finite Math, or AP Statistics concurrently with or after Calculus/AP Calculus.
  - All Level 4 courses may be taken at any time after passing Algebra II.
  - 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.
  - Precalculus on ACCESS is strongly discouraged for students taking AP Calculus AB
  - All AP courses are subject to an approximate test fee of \$105 for each course
  - Dual Enrollment Precalculus and Dual Enrollment Calculus are subject to an approximate fee of \$412
- \*\*Students must be enrolled in the International Baccalaureate Program to take IB Maths



## Performing Arts

| Introduction to Modern Dance I (Pending Program Approval)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05016G1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course Fee: None |
| <p>This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance within the codified technique of modern dance. Students create and perform while exploring movement through improvisation and choreographic devices and develop technical skills in modern dance. There is a focus on style, correct alignment, nutrition, and injury prevention. Students obtain an introductory ability to analyze choreography from an historical and contemporary perspective in context with the development of modern dance and the societies in which the dance form originated.</p> |                  |

| Modern Dance II (Pending Program Approval)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 0516G1002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 Credit         |
| Prerequisite: Intro to Modern Dance I or approval of Instructor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Course Fee: None |
| <p>This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level of skill within the codified technique of modern dance increasing fluency. They obtain kinesthetic awareness of the elements of dance as they relate to modern dance and develop strategies to document, gain feedback, review, and revise modern dance choreography and performance to obtain a specific artistic intent. Students explore and analyze choreographic devices specific to modern dance through improvisation, solving movement problems, and viewing master works. Students use modern dance terminology to respond to and evaluate choreography and performance within traditional and contemporary contexts.</p> |                  |

| Dance Ensemble I (Pending Program Approval)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05002G1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 Credit         |
| Prerequisite: Concurrent enrollment in Modern Dance II, III, or IB Dance, or approval of Instructor                                                                                                                                                                                                                                                                                                                                                                                                                                              | Course Fee: None |
| <p>This is a one credit course at the advanced dance level. The Dance Ensemble is a performing company which develops professional approaches to rehearsals and performances and is for students from an accomplished to an advanced level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire, and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.</p> |                  |

| Modern Dance III (Pending Program Approval)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 05016G1003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 Credit         |
| Prerequisite: Modern Dance II or approval of Instructor                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Course Fee: None |
| <p>This is a one credit course at the advanced dance level. Students progress to an advanced capacity for modern dance literacy that includes creating, performing, responding to modern dance choreography, and connecting modern dance to skills across the arts disciplines and other academic areas. Students create a portfolio that contains comprehensive documentation of personal modern dance performance and choreography including audition requirements for college and career in dance (i.e., head shot and</p> |                  |

required still photos, video, resume & references).

### Theatre, Technical Theatre Production

Course Code: 05056G1001

1 Credit

Prerequisite: None

Course Fee: None

A course introducing students 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 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 AND the musical production during the spring season.

### Theatre, Theatre II / Theatre, Theatre III

Course Code: 05052G1002/ 05052G1003

1 Credit

Prerequisite: Theatre I

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

Course Code: 08017G1000

1 Credit

Prerequisite: None

Course Fee: None

A required course for all 9<sup>th</sup> – 12<sup>th</sup> 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.

### Team Sports

Course Code: 08003G1000

1 Credit

Prerequisite: LIFE/Beginning Kinesiology

Course Fee: None

An elective course for any high school student in grades 10-12 who have successfully completed the Beginning Kinesiology prerequisite. Students will learn the fundamental skills, rules, drill and compete in team sports such as volleyball, basketball, flag football and others.

### 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 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.

### Strength and Conditioning

Course Code: 08005G1000

1 Credit

Prerequisite: LIFE/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 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 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 Cheerleading                                                                                                                                                                                                                                                   |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Course Code: 22994X10CH                                                                                                                                                                                                                                                | 1 Credit   |
| Prerequisite: Tryout required                                                                                                                                                                                                                                          | 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 Softball Team                                                   |                        |
|-------------------------------------------------------------------------|------------------------|
| Course Code: 22994X10SB                                                 | 1 Credit               |
| Prerequisite: Tryout required                                           | Competitive Fees Apply |
| Softball is an interscholastic fast-pitch competition for Grades 10-12. |                        |

## 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@auburnalabama.org](mailto:mbrogan@auburnalabama.org) for more information.

Career Tech Student Organization: Skills USA  
 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 / PRECISION MACHINING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Course Code: 13203G1001 / 13999C1010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 Credit / 3 SUSCC Credits       |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Course Fee: None / SUSCC Tuition |
| <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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 Credit / 3 SUSCC Credits       |
| Prerequisite: Introduction to Precision Machining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Course Fee: None / SUSCC Tuition |
| <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> |                                  |

| Introduction to Mill, Drill Press, & Surf Grind / MILLING MACHINES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Course Code: 13204G1003 / 13249C1006                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 Credit / 3 SUSCC Credits       |
| Prerequisite: Introduction to Precision Machining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Course Fee: None / SUSCC Tuition |
| <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> |                                  |

## Programming and Software Development CTE

|                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Career Tech Student Organization: Skills USA<br/>         Career Readiness Indicator Credential: Microsoft Technology Associate (MTA) –<br/>         Intro to Programming Using Python and Intro to Programming Using Java</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Information Technology                                                                                                                                                                                              |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 10001G1000                                                                                                                                                                                             | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                  | Course Fee: None |
| <p>Information Technology Fundamentals is a one-credit course that introduces students to the knowledge base and technical skills for information technology careers. Students study the nature of business and</p> |                  |

demonstrate knowledge of the functions of information systems in business. Emphasis is placed on maintaining a safe working environment and on building interpersonal skills needed for working in the information technology environment. Students demonstrate appropriate knowledge and behaviors regarding legal responsibilities of information technology professionals. They explore a variety of information technology career opportunities and develop a personal career plan to meet career goals and objectives.

### Introduction to Python

Course Code: 10156G1000

1 Credit

Prerequisite: None

Course Fee: None

Introduction to Python is a one-credit introductory course that focuses on Python language basics such as data types, variables, input, functions, operators, conditional statements, loops, and incrementing. Python data structures such as strings, lists, and range sequences, as well as methods for working with these structures are introduced. Students will use the Python language to develop sustainable code. The Python language will be introduced in a blended learning environment which includes video content, practice labs, and coding projects.

### Exploring Computer Science

Course Code: 10012G1001

1 Credit

Prerequisite: Algebra 1 with Probability

Course Fee: None

This is an introductory high school Computer Science course for 10<sup>th</sup> grade students. Students will be introduced to the breadth of the field of Computer Science through an exploration of engaging and accessible topics. This course is designed to focus on conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and social and ethical issues.

### Computer Science Principles, AP

Course Code: 10019E1000

1 Credit

Prerequisite: Geometry and Algebra I

Exam Fee: \$105

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: \$105

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 includes 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.

## Restaurant, Food, and Beverage Services CTE

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.

| Hospitality and Tourism                                                                                                                                                                                                                                                                                                    |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 16001G1000                                                                                                                                                                                                                                                                                                    | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                         | Course Fee: \$40 |
| This course is the prerequisite for the classes in the Restaurants, Food and Beverage Service pathway. Major topics include introduction to hospitality and tourism, recreation, travel and tourism, lodging, restaurants and food and beverage services, safety and sanitation, customer relations, and quality services. |                  |

| Culinary I                                                                                                                                                                                                 |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 16053G1012                                                                                                                                                                                    | 1 Credit         |
| Prerequisite: Hospitality and Tourism (min. grade of 70)                                                                                                                                                   | Course Fee: \$60 |
| Culinary I introduces students to basic food production, management, and service activities in both the back and front-of-the-house. Emphasis is placed on sanitation, safety, and basic food preparation. |                  |

| Culinary II                                                                                                                                                                                                                                                                                     |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 16053G1022                                                                                                                                                                                                                                                                         | 1 Credit         |
| Prerequisite: Culinary I (min. grade of 70)                                                                                                                                                                                                                                                     | 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. |                  |

## 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 Bowl, Science Olympiad, 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.

| Earth Science                                                                                                                                                                                                                                                                                                                                               |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 03008G1000                                                                                                                                                                                                                                                                                                                                     | 1 Credit         |
| Prerequisite: Biology                                                                                                                                                                                                                                                                                                                                       | Course Fee: None |
| <p>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).</p> |                  |

| Environmental Science                                                                                                                                                                                                                                                                                                                                                           |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 03003G1000                                                                                                                                                                                                                                                                                                                                                         | 1 Credit         |
| Prerequisite: Biology                                                                                                                                                                                                                                                                                                                                                           | Course Fee: None |
| <p>A 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.</p> |                  |

| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 14252G1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 Credit         |
| Prerequisite: Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Course Fee: None |
| <p>A course providing an overview of principles of genetic transmission, molecular, and population genetics. A focus is provided on 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 hands-on laboratory activities, technological research, and special projects that strengthen the 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 .5 quality point of weighted credit.</p> |                  |

| Human Anatomy and Physiology                                                                                                                                                                                                                                                                                                                                                                                                    |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 03053G1000                                                                                                                                                                                                                                                                                                                                                                                                         | 1 Credit         |
| Prerequisite: Biology                                                                                                                                                                                                                                                                                                                                                                                                           | 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 B or higher in Biology. This is one of the science courses that maybe selected to get the Advanced Academic Endorsement. This course earns an additional .5 quality point of weighted credit.</p> |                  |



| Physical Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 03159G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Course Fee: None |
| <p>Physical Science is a course that studies the foundational concepts of Chemistry and Physics. The first nine weeks is dedicated to the study of Chemistry, and the second nine weeks 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 algebra and graphing skills. Physical Science is applied mathematics, and a strong understanding of algebra is a necessity for success in the course.</p> |                  |

| Physics                                                                                                                                                                                                                                                                                                                                                                                                              |                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 03151G1000                                                                                                                                                                                                                                                                                                                                                                                              | 1 Credit         |
| Prerequisite: Biology and Algebra II with Trig                                                                                                                                                                                                                                                                                                                                                                       | Course Fee: None |
| <p>A course covering topics in classical mechanics, thermodynamics, waves, optics and electricity. This is one of the science courses that may be selected to get the Advanced Academic Endorsement. A grade of C or better in Algebra II is recommended for success in this course because of the calculations required in the curriculum. This course earns an additional .5 quality point of weighted credit.</p> |                  |

| Biology, AP and Other SDE Chem Elect                                                                                                                                                                                                                                                                 |                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| Course Code: 031056E1000 AND 03999G1000                                                                                                                                                                                                                                                              | 2 Credits (1 science & 1 elective) |
| Prerequisite: Biology and Chemistry with lab                                                                                                                                                                                                                                                         | Exam Fee: \$100                    |
| <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: \$105                    |
| <p>A course intended to be the equivalent of the college freshman chemistry course. It is a very demanding course with topics and labs completed on a college level. The laboratory work is extensive and intended to be equivalent to the lab component of a freshman university chemistry course. Students must have completed one Chemistry course that includes a lab program. The AP Chemistry Exam is required and will be administered in May.</p> |                                    |

| Chemistry                                                                                                                                                                                                                                                                                                                                                                                                       |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 03101G1000                                                                                                                                                                                                                                                                                                                                                                                         | 1 Credit         |
| Prerequisite: Biology and Algebra II with Trig                                                                                                                                                                                                                                                                                                                                                                  | Course Fee: None |
| <p>A course in basic inorganic chemistry. The core 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 C or better in Algebra II is recommended for success in this course because of the calculations required in the curriculum. This course earns an additional .5 quality point of weighted credit.</p> |                  |

| Environmental Science, AP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 03207E1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 Credit        |
| Prerequisite: Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Exam Fee: \$105 |
| <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-grounded 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/ Trig or Algebra II w/ Stats                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Exam Fee: \$105 |
| <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; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A grade of C 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 and Algebra II w/ Trig                                                                                                                                                                                                                                                                                                                                                                                                                                           | Exam Fee: \$105 |
| <p>AP Physics 2 is an algebra-based, introductory college-level physics course that explores principles of fluids, 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 C 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> |                 |

| Physics C: Mechanics, AP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Course Code: 03164E1000 AND 03999G1001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2 Credits ((1 science & 1 elective) |
| Prerequisite: Calculus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Exam Fee: \$105                     |
| <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 C or better in Algebra II 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

A required course for tenth 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.

### European History, AP

Course Code: 04056E1000

1 Credit

Prerequisite: None

Exam Fee: \$105

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 tenth 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 11<sup>th</sup> grade or both parts of the U.S. History sequence (Beginnings to 1900 and 1900 to the Present).

### United States History II: Gr 11

Course Code: 04103G1000

1 Credit

Prerequisite: United States History I

Course Fee: None

A required course for eleventh 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.

### United States History, AP

Course Code: 04104E1000

1 Credit

Prerequisite: None

Exam Fee: \$105

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.

### Principles of Economics

Course Code: 04201G0500

.5 Credit

Prerequisite: None

Course Fee: None

This is a required quarter (1/2 credit) course at the twelfth-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.

### United States Government

Course Code: 04151G0500

.5 Credit

Prerequisite: None

Course Fee: None

This is a required course for 12<sup>th</sup> 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.

### United States Gov and Politics, AP

Course Code: 04157E1000

1 Credit

Prerequisite: None

Exam Fee: \$105

This course at the twelfth-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 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 is 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.

### African and African American Studies

Course Code: 04099G10AS

1 Credit

Prerequisite: None

Course Fee: None

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 present day. 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.

### History Through Film

Course Code: 04099G10HF

.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.

### 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: 04999GAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 Credit         |
| Prerequisite: Minimum average of 80 in Criminal Psychology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Course Fee: \$10 |
| <p>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 presentation 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 also 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.</p> |                  |

### Psychology

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 04254G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Course Fee: None |
| <p>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.</p> |                  |

### Psychology, AP

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 04256E1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 Credit        |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Exam Fee: \$105 |
| <p>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 the science and practice. Students taking this course are required to take the AP Psychology Exam in May.</p> |                 |

### Contemporary World Issues and Civic Engagement

|                                                                                                                                                                                                                                                                                                |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 04064G1000                                                                                                                                                                                                                                                                        | .5 Credit        |
| Prerequisite: None                                                                                                                                                                                                                                                                             | Course Fee: None |
| <p>A course designed to acquaint students with current events of local, state, national, and international interest. This course allows students to acquire knowledge of key contemporary personalities and events that impact their lives. Daily and weekly news sources serve as primary</p> |                  |

reference documents for content in this course. Students will be asked to evaluate issues from the historical, economic, social/cultural, and political perspectives, as well as determining the reliability and validity of news sources. This course requires comprehension of editorials, multi-media materials, media data, and statistics. Discussion, research, and problem-solving projects that are community based enhance the learning environment of this course.

## Student Instructional Aides

### Student Aide (Bio-Lab Tech)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 22051X1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 Credit         |
| Prerequisite: Science faculty recommendation                                                                                                                                                                                                                                                                                                                                                                                                                                                | Course Fee: None |
| <p>A course for students interested in lab technology. Students are assigned to all science teachers. They will assist in preparing and monitoring labs. They will be involved in all levels of science courses and computer activities. Students must have completed biology and be proficient with computers and programs such as Word, Excel, PowerPoint, etc. This class does not count as a science credit toward graduation. Placement must be approved by teacher and counselor.</p> |                  |

### Student Aide (Library Media Aide)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Course Code: 22051X10CR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | .5 Credit or 1 Credit |
| Prerequisite: Staff Recommendation Required (forms available in the library)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Course Fee: None      |
| <p>The library media student aides provide a variety of duties supportive to our library and our school. These include the following essential functions: checking books in and out, shelving books using the Dewey Decimal System, copying, lamination, delivery and retrieval, maintaining general organization/cleanliness of library, helping visitors, and running errands to and from classrooms across campus. This is not a study hall class. Other responsibilities include timeliness in reporting to class and completing multi-step tasks efficiently, working as a team and addressing others respectfully and tactfully at all times. Junior and Senior students may request library media student aide positions. Grades are awarded based on their performance over the course of the specified term using a grading rubric. Student aides earn credit based on the timeframe spent as an aide (.5 credit per 9 weeks or 1.00 credit per 18 weeks).</p> |                       |

### Student Aide (Special Education Aide)

|                                                                                                                               |                       |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Course Code: 22051X10CR                                                                                                       | .5 Credit or 1 Credit |
| Prerequisite: Staff Recommendation Required                                                                                   | Course Fee: None      |
| <p>Student aides earn credit based on the timeframe spent as an aide (.5 credit per 9 weeks or 1.00 credit per 18 weeks).</p> |                       |

### Student Aide (Teacher Aide)

|                                                             |                  |
|-------------------------------------------------------------|------------------|
| Course Code: 22051X1000                                     | No Credit        |
| Prerequisite: 12th grade only                               | Course Fee: None |
| <p>Placement must be approved by teacher and counselor.</p> |                  |

| 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. |                  |

## Television Production CTE Program

|                                                          |
|----------------------------------------------------------|
| Career Tech Student Organization: Skills USA-Design Club |
| Career Readiness Indicator Credential: Adobe Photoshop   |

| Introduction to Television Production                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 11051G1015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Course Fee: \$15 |
| This is the introductory course to the Television Production Program. In this course, students create content that is featured on both the school news and the community channel. Students will create commercials, public service announcements, infomercials, news reports, and short documentaries. Their work will be distributed on a multimedia hub, YouTube, and on local accesschannels. In this course, students learn how to use the equipment that all Television Production students use, except, in this class, they will learn to use it in a slower, more guided pace. Students will also benefit from learning the arts of public speaking, advertising, marketing, public relations, and storytelling through film. Students who have taken Introduction to Television Production say that it introduced them to a plethora of technology and taught them how to depend on technology to create a product. Beyond that, it taught them how to be personally responsible and independent, “Working on a video that broadcasts to the community taught me how to take pride in artistically developing something that I could be proud of.” |                  |

| Television Production Studio Operations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 11051G1035                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 Credit         |
| Prerequisite: Intro to Television Production with Teacher Approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Course Fee: \$15 |
| Television Production—Studio Operations is the most fast-paced, rigorous course in the Television Production Program; however, it is the second-level class in the three-level program. Studio Operations is fast-paced and rigorous because students work as a team to produce a news television show for the school. Studio Operations introduces students to the hustle and bustle of working for a news station and, simultaneously, allows students to develop and fine-tune skills in producing commercials, narrative film, advertising, and marketing. Students are required to know how to use the equipment and the nature of their jobs immediately. Due to the autonomous nature of the course, student attendance and behavior will be part of the student selection process. |                  |

| Advanced Television Production                                                                |                  |
|-----------------------------------------------------------------------------------------------|------------------|
| Course Code: 11051G1055                                                                       | 1 Credit         |
| Prerequisite: Television Production Studio Operations                                         | Course Fee: \$15 |
| Advanced Television Production is the highest-level Television Production class because in it |                  |

students create and broadcast television programming that airs to the community of Auburn and on YouTube. The pace of this class is not as fast as Television Production—Studio Operations, and the instruction is more about script writing, the art of film, and narrative film than it is about commercials and advertising, though there will be some of this as well. Students will get instruction on the more sophisticated aspects of the equipment and software than in other Television Production classes. This is also the only Television Production class that doesn't operate as a team to produce one product; rather, students produce their shows and only depend on the class to brainstorm ideas. Students who have taken this course find that the most rewarding aspect of being a part of this class is how connected it allows students to be with other people in the community they wouldn't otherwise know. They also note how much they learn to work with others, especially adults and younger children, and how they learn to network.

### Senior Career Pathway Project

|                                              |                  |
|----------------------------------------------|------------------|
| Course Code: 11197G1001                      | 1 Credit         |
| Prerequisite: Advanced Television Production | Course Fee: \$15 |

The television production experience that most exemplifies the necessary skills and talents acquired in the television production pathway is the Senior Career Pathway Project, Community Broadcast Director. In this course, a student will report daily to an Auburn City School to direct the production of the school's broadcast. The student will also produce various videos for the benefit of his/her assigned school. Senior Career Pathway Project (SCPP) is a capstone course designed for career and technical education students who have completed two or more career and technical education courses. This course allows students to utilize their secondary coursework through an experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and engage in an in-depth exploration of the area while demonstrating problem-solving, decision-making, and independent-learning skills. The SCPP contributes to an educational plan of challenging courses and practical experiences that prepares students for the workplace or for pursuing further education. During the SCPP the student works with his or her coordinating teacher, academic teachers, and with a product or process mentor who has expertise in the student's field of study. At the conclusion of the SCPP, the student presents or demonstrates knowledge gained to an audience consisting of the coordinating teacher, academic teachers, the product or process mentor, peers, and community and business representatives. This project is recommended for seniors and can be taken as a semester class or as an alternating day class for the entire year.

## Work-Based Learning

Career Readiness Indicator Credential: Ready to Work, ACT Work Keys

### Cooperative Ed / WBL I-VI

|                                                            |                  |
|------------------------------------------------------------|------------------|
| Course Code: 22998G1014                                    | 1-6 Credits      |
| Prerequisite: Career Preparedness and one other CTE course | Course Fee: None |

Work-Based Learning (WBL) is the only component of Career and Technical Education designed to give Juniors and Seniors up to 6 high school credits for completing paid, work-based experiences that include: cooperative education (Co-op), internships, on-the-job learning and pre-apprenticeships in fields related to the students' career goals. The Work-Based Learning coordinator and local employers partner to develop individualized training plans that improve specific career and professional skills for students. Students enrolled in WBL may obtain employment placement in one of 16 nationally recognized Career Clusters. WBL may be taken as an alternating day or traditional semester block class and is offered 1<sup>st</sup>-4<sup>th</sup> blocks. Students who wish to participate in WBL for the entire year should sign up for a minimum of



TWO credits. Enrollment requirements: complete the online application process, demonstrate an acceptable attendance/conduct history, and provide reliable transportation to work. For more information, contact Audrey Marshall, WBL Coordinator.

## World Languages

### French 1

|                                                                                                                                                                                                                                                                                                                                                                                                     |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 24102G1000                                                                                                                                                                                                                                                                                                                                                                             | 1 Credit         |
| Prerequisite: None                                                                                                                                                                                                                                                                                                                                                                                  | Course Fee: None |
| <p>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 <i>Discovering French</i> 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.</p> |                  |

### French 2

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 24103G1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 Credit         |
| Prerequisite: French 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Course Fee: None |
| <p>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 <i>Discovering French</i> is used with accompanying CDs, video and writing workbook as well as other visual and reading materials.</p> |                  |

### French 3

|                                                                                                                                                                                                                                                                                                                                                                         |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Course Code: 24104G1000                                                                                                                                                                                                                                                                                                                                                 | 1 Credit         |
| Prerequisite: French 2                                                                                                                                                                                                                                                                                                                                                  | Course Fee: None |
| <p>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 .5 quality point of weighted credit.</p> |                  |

### 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 <i>Bravo!</i> is used along with "French in Action". This course earns an additional .5 quality point of weighted credit.</p> |                  |

### French Language and Culture, AP

|                                                                                                                                                                                                                                                                                                  |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 24114E1000                                                                                                                                                                                                                                                                          | 1 Credit        |
| Prerequisite: French 4                                                                                                                                                                                                                                                                           | Exam Fee: \$105 |
| <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,</p> |                 |

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.

### German 1

|                         |                  |
|-------------------------|------------------|
| Course Code: 24252G1000 | 1 Credit         |
| Prerequisite: None      | Course Fee: None |

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.

### German 2

|                         |                  |
|-------------------------|------------------|
| Course Code: 24253G1000 | 1 Credit         |
| Prerequisite: German 1  | Course Fee: None |

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.

### German 3

|                         |                  |
|-------------------------|------------------|
| Course Code: 24254G1000 | 1 Credit         |
| Prerequisite: German 2  | Course Fee: None |

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 .5 quality point of weighted credit.

### German 4

|                         |                  |
|-------------------------|------------------|
| Course Code: 25255G1000 | 1 Credit         |
| Prerequisite: German 3  | Course Fee: None |

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 .5 quality point of weighted credit.

### German Language and Culture, AP

|                         |                 |
|-------------------------|-----------------|
| Course Code: 24264E1000 | 1 Credit        |
| Prerequisite: German 4  | Exam Fee: \$105 |

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.

| 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. The study of culture and its influence related to the Spanish speaking world countries. 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 .5 quality point 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 .5 quality point of weighted credit.</p> |                  |

| Spanish Language, AP                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Course Code: 24064E1000                                                                                                                                                                                                                                                                                                                                                                                                               | 1 Credit        |
| Prerequisite: Spanish 4                                                                                                                                                                                                                                                                                                                                                                                                               | Exam Fee: \$105 |
| <p>This one credit 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 Advanced Placement Exam or the IB Language B standard level exam. The text is <u>Galería</u>, which is supplemented by a wide variety of culturally authentic materials. 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> |                  |

[Back to Table of Contents](#)

# Dual Credit/Dual Enrollment

---

## Dual Credit: Auburn First with Auburn University

Students who have completed the tenth grade with a cumulative grade point average of 3.0 or higher and support from a high school official are eligible to participate. Auburn First participants are expected to meet eligibility requirements, submit all required documentation for application, complete the required online orientation (0 credit hours and no cost), and fulfill all financial obligations. Grades earned in Auburn University courses count towards students' college GPA as well as high school GPA when taken for Dual Credit. Students may take up to 24 credit hours in Auburn First. Students who complete 6 credit hours of approved Auburn First credits by Aug. 15 of their senior year with a 3.0 or higher unadjusted cumulative GPA will earn automatic admission to Auburn. Auburn First faculty have designed their courses to meet quality and accessibility standards that will allow students to maximize their academic potential. Auburn First courses will guide students to learn, practice, and complete thoughtfully created assignments that lay a strong foundation for learning. Current courses are listed below. Visit [www.auburn.edu/auburnfirst](http://www.auburn.edu/auburnfirst) to see the most up to date list of approved Auburn First courses as new courses are added. Auburn First Courses are offered online, and support is provided with registration in these courses. Students may opt to take on campus versions of these courses; however, students should communicate with Auburn First to find out the differences in registration processes and support available for on campus Auburn University courses.

## Dual Credit: Southern Union State Community College

Through a partnership with Southern Union State Community College (SUSCC), students at AHS may earn college credit while also earning credit toward their high school diploma. Students who choose to take Dual Credit courses must meet the entrance requirements established by SUSCC and pay tuition and fees as required by SUSCC. The grade received in a Dual Credit course will appear on a student's high school and college transcripts and affect their college GPA as well as their high school GPA. All SUSCC program options are taught face-to-face either on the SUSCC campus by SUSCC instructors or on the Auburn High School campus taught by Auburn High School teachers. Southern Union State Community College Admission Requirements: Students must be in grade eleven or twelve, have a 2.5 overall GPA, and obtain written approval from their counselor. Students must meet the entrance requirements of the college, and normal tuition rates and fees apply for Dual Credit students. Visit <http://www.suscc.edu/current-students/dual-enrolled-accelerated-high-school.cms> for more information regarding SUSCC admission requirements or contact the SUSCC Registrar at 1-256-395-2211, ext. 5155.

## Dual Credit: University of Alabama

All students must take and pass UAEC 200 College Readiness Course before taking any other courses through UA Early College. This 2-hour credit course is a month-long course in which students will learn the necessary skills for college-level work, including how to navigate online courses. This is a pass/fail course for which students must successfully pass with 75% or higher. This course is offered monthly throughout the year including the summer. Students can only take one online course per semester. Students will be assigned a Learning Community Coordinator by UA as an additional layer of support for Success beyond the UA teaching faculty. All courses earn 1 high school credit and 3 college credits on the respective transcripts. To get started visit: <https://uaearlycollege.ua.edu/getting-started/steps-to-take/>

## Dual Credit Courses by College

| Title of Dual Credit Course                                               | Auburn Univ. | U of Alabama | SUSCC   |
|---------------------------------------------------------------------------|--------------|--------------|---------|
| <b>ENGLISH</b>                                                            |              |              |         |
| English Composition I                                                     | ENGL 1103    | ENG 101      | ENG 101 |
| English Composition II                                                    | ENGL 1123    | ENG 102      | ENG 102 |
| World Literature before 1600                                              | ENGL 2203    |              |         |
| World Literature after 1600                                               | ENGL 2213    |              |         |
| American Literature                                                       |              | EN 209       |         |
| American Literature                                                       |              | EN 210       |         |
| <b>MATH</b>                                                               |              |              |         |
| College Algebra                                                           | MATH 1003    |              |         |
| Pre-Calculus Algebra                                                      | MATH 1123    |              |         |
| Pre-Calculus Trigonometry                                                 | MATH 1133    |              |         |
| Pre-Calculus Algebra and Trigonometry                                     | MATH 1153    | MATH 112     | MTH 115 |
| Finite Math                                                               |              | MATH 110     |         |
| Calculus                                                                  | MATH 1613    | MATH 121     | MTH 125 |
| <b>SCIENCE</b>                                                            |              |              |         |
| A Survey of Life*corresponding lab BIOL 1021 must be taken on campus      | BIOL 1013    |              |         |
| Principles of Biology*corresponding lab BIOL 1021 must be taken on campus | BIOL 1023    |              |         |
| Dynamic Earth                                                             | GEOL 1103    |              |         |
| Inorganic Chemistry                                                       |              |              | CHM104  |
| <b>SOCIAL STUDIES</b>                                                     |              |              |         |
| World History I                                                           | HIST 1013    | HY 101       |         |
| World History II                                                          | HIST 1023    | HY 102       |         |
| US History I                                                              |              |              | HIS 201 |
| US History II                                                             |              |              | HIS 202 |
| American Government                                                       | POLI 1093    |              | POL 211 |
| Psychology                                                                | PSYC 2013    | PY 101       |         |
| Sociology                                                                 | SOCI 1003    | SOC 101      | SOC 200 |
| Principles of Microeconomics                                              | ECON 2023    | EC 110       |         |
| Principles of Macroeconomics                                              |              | EC 111       |         |
| <b>WORLD LANGUAGES</b>                                                    |              |              |         |
| Elementary Spanish I                                                      | FLSP 1013    | SP 101       |         |
| Elementary Spanish II                                                     | FLSP 1023    | SP 102       |         |
| Elementary German I                                                       | FLGR 1013    |              |         |
| Elementary Italian                                                        | FLIT 1013    |              |         |
| Japanese I                                                                |              | JA 101       |         |
| Japanese II                                                               |              | JA 102       |         |
| Chinese I                                                                 |              | CHI 101      |         |
| Chinese II                                                                |              | CHI 102      |         |

Continued from previous page

| Title of Dual Credit Course             | Auburn Univ. | U. of Alabama | SUSCC   |
|-----------------------------------------|--------------|---------------|---------|
| ELECTIVES                               |              |               |         |
| Anthropology                            | ANTH 1003    | ANTH 1003     |         |
| Looking at Art                          | ARTS 1513    |               |         |
| Introduction to Theatre                 | THEA 2013    |               |         |
| Communication Disorders in Society      | CMDS 2503    |               |         |
| Personal Finance                        | FINC 2403    |               |         |
| Music Appreciation                      |              |               | MUS 101 |
| Public Speaking                         |              | COM 123       | SPH 107 |
| Global Geography                        | GEOG 1013    |               |         |
| Web Design I                            |              | CS 202        |         |
| Web Design II                           |              | CS 205        |         |
| Life Connections                        |              | HD 101        |         |
| Philosophy                              |              | PHL 100       |         |
| Child Growth and Development Principles |              |               | PSY 211 |
| Business Application                    |              | CS 102        |         |
| Oral Communication                      |              | COM 220       |         |
| Comparative Religion                    |              | REL 100       |         |

## Dual Enrollment: Southern Union Technical

Dual Enrollment Technical courses are offered on the Opelika campus of SUSCC and are taught by the SUSCC faculty with the current exception of some of the Machine Shop Technology courses which are taught by an Auburn High School instructor.

Students must meet all admission requirements established by SUSCC for Dual Enrollment. Regular tuition rates and fees for SUSCC apply for all Dual Enrollment Technical courses. However, there may be scholarship opportunities available to pay for tuition and fees related to technical courses. Please speak with your Auburn High School Guidance Counselor or Career Technical Education Director to request information regarding scholarship opportunities.

Students who enroll in Dual Enrollment Technical courses can begin taking coursework toward completion of a Short Certificate in Machine Shop Technology, Manufacturing Technology or Welding Technology. This can put them on a path toward an Associate degree in Engineering Graphics and Design, Industrial Electricity/Electronics Technology, Manufacturing Technology, Machine Shop Technology or Welding Technology after high school graduation.

The following courses are available for interested qualifying students. If a student takes one of these courses or course sequences and would like to continue pursuing a Short Term Certificate in the program, they will need to contact their guidance counselor to register for the appropriate Dual Enrollment courses at SUSCC.

## SUSCC Technical Dual Enrollment Courses

|                                                                                                                               |                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| SUSCC Program Automotive Service Technology<br>Course to Take <a href="#">AUM 101 – Fundamentals of Automotive Technology</a> |                                                                                                                                    |
| Program Information                                                                                                           | Short Term Certificate – 18 hours<br>Certificate – 51 hours<br>Associate in Occupational Technologies – 75 hours                   |
| Career Information                                                                                                            | Inspect, maintain, and repair cars and light trucks.<br>Job growth of 17% expected from 2010-2020<br>Median annual wage - \$35,790 |

|                                                                                                                       |                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SUSCC Program Air Conditioning and Refrigeration<br>Course to Take <a href="#">ASC 111 – Refrigeration Principles</a> |                                                                                                                                                                               |
| Program Information                                                                                                   | Short Term Certificate – 24 hours<br>Certificate – 57 hours<br>Associate in Occupational Technologies – 76 hours                                                              |
| Career Information                                                                                                    | Installing, repairing, and servicing different heating and cooling systems.<br>Job growth of 34% expected from 2010-2020<br>Median annual wage - \$42,530 or \$20.42 per hour |

|                                                                                                                         |                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| SUSCC Program Engineering Graphics and Design<br>Course to Take <a href="#">DDT 104 – Basic Computer Aided Drafting</a> |                                                                                                                                                |
| Program Information                                                                                                     | Short Term Certificate – 24 hours<br>Associate in Applied Science – 76 hours                                                                   |
| Career Information                                                                                                      | Use computer software to convert designs into technical drawings.<br>Job growth of 6% expected from 2010-2020<br>Median annual wage - \$47,880 |

|                                                                                                                                                                                                      |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| SUSCC Program Robotics and Automated Controls<br>Course to Take <a href="#">ILT 106/INT 120 – Concepts of Direct Current or</a><br><a href="#">ILT 107/INT 122 – Concepts of Alternating Current</a> |               |
| Program Information                                                                                                                                                                                  | CR – 28 hours |

|                                                                                                                                                                                                                    |                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| SUSCC Program Industrial Electricity/Electronics Technology<br>Course to Take <a href="#">ILT 106/INT 120 – Concepts of Direct Current or</a><br><a href="#">ILT 107/INT 122 – Concepts of Alternating Current</a> |                                                                                                                                                       |
| Program Information                                                                                                                                                                                                | Short Term Certificate – 23 hours<br>Associate in Applied Science – 76 hours                                                                          |
| Career Information                                                                                                                                                                                                 | Install, operate, and repair electrical equipment used in manufacturing.<br>Job growth of 3% expected from 2010-2020<br>Median annual wage - \$49,170 |



|                                                                                                                                                                                |                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| SUSCC Program Manufacturing Technology<br>Course to Take <a href="#">ILT 106/INT 120 – Concepts of Direct Current or<br/>ILT 107/INT 122 – Concepts of Alternating Current</a> |                                                                                                                                        |
| Program Information                                                                                                                                                            | Short Term Certificate – 28 hours<br>Certificate – 52 hours<br>Associate in Applied Science – 75 hours                                 |
| Career Information                                                                                                                                                             | Install, operate, and repair manufacturing equipment.<br>Job growth of 19-22% expected from 2010-2020<br>Median annual wage - \$45,420 |

|                                                                                                              |                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SUSCC Program Machine Shop Technology<br>Course to Take <a href="#">MSP 101 – Basic Machining Technology</a> |                                                                                                                                                                                         |
| Program Information                                                                                          | Short Term Certificate – 22 hours<br>Certificate – 57 hours<br>Associate in Occupational Technologies – 76 hours                                                                        |
| Career Information                                                                                           | Repair or make new parts for machinery used for manufacturing<br>Job growth is expected to be excellent from 2010-2020<br>Median wage - \$18 - \$33 per hour (Depending on skill level) |

|                                                                                              |                                                                                                                        |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| SUSCC Program Welding Technology<br>Course to Take <a href="#">WDT 108 – SMAW Fillet/OFC</a> |                                                                                                                        |
| Program Information                                                                          | Short Term Certificate – 21 hours<br>Certificate – 57 hours<br>Associate in Occupational Technologies – 76 hours       |
| Career Information                                                                           | Permanently join metal parts using heat.<br>Job growth of 15% expected from 2010-2020<br>Median annual wage - \$35,450 |

|                                                                                                                                                    |                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| SUSCC Program Plastics Injection Molding Technology<br>Course to Take <a href="#">AUT 130 – Principles of Industrial Hydraulics and Pneumatics</a> |                                   |
| Program Information                                                                                                                                | Short Term Certificate – 29 hours |



2022-2023

# DIPLOMA REQUIREMENTS

## Diploma 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 diploma requirements listed on the previous page and the additional requirements listed below:

### Auburn High School Career and Technical Endorsement

|                                   |                  |
|-----------------------------------|------------------|
| <b>Career Technical Education</b> | <b>3 credits</b> |
| Sequenced program of courses      |                  |

### Auburn High School Advanced Academic Endorsement

|                                                                                                                                                                                                                                                                    |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Mathematics</b>                                                                                                                                                                                                                                                 | <b>4 credits</b> |
| Must include Algebra II w/Trig (2023) or Algebra II w/Stats and at least one additional higher-level math                                                                                                                                                          |                  |
| <b>Science</b>                                                                                                                                                                                                                                                     | <b>4 credits</b> |
| 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 Chemistry, AP Physics 1, AP Physics 2, or AP Environmental Science |                  |
| <b>World Language</b>                                                                                                                                                                                                                                              | <b>2 credits</b> |
| Same language, one credit may be earned in 8 <sup>th</sup> grade                                                                                                                                                                                                   |                  |

### Auburn High School Advanced Career and Technical Endorsement

|                                                                                                                                                                                                                                                                    |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>Mathematics</b>                                                                                                                                                                                                                                                 | <b>4 credits</b> |
| Must include Algebra II w/Trig (2023) or Algebra II w/Stats and at least one additional higher math                                                                                                                                                                |                  |
| <b>Science</b>                                                                                                                                                                                                                                                     | <b>4 credits</b> |
| 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 Chemistry, AP Physics 1, AP Physics 2, or AP Environmental Science |                  |
| <b>Career Technical Education</b>                                                                                                                                                                                                                                  | <b>3 credits</b> |
| Sequenced program of courses                                                                                                                                                                                                                                       |                  |

\*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 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:

|                                            |                                                       |
|--------------------------------------------|-------------------------------------------------------|
| 9 <sup>th</sup> Grade                      | Beginning Kinesiology and Career Preparedness         |
| 10 <sup>th</sup> – 12 <sup>th</sup> Grades | Health (½ credit) and Fine Arts (½ credit – optional) |

### GROUP 1: Studies in language and literature (HL)

|                        |                     |
|------------------------|---------------------|
| 9 <sup>th</sup> Grade  | Advanced English 9  |
| 10 <sup>th</sup> Grade | Advanced English 10 |
| 11 <sup>th</sup> Grade | IB English SL       |
| 12 <sup>th</sup> Grade | IB English HL       |

**GROUP 2: Language acquisition (SL)**

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

|                        |     |          |                |
|------------------------|-----|----------|----------------|
| 8 <sup>th</sup> Grade  | I   |          |                |
| 9 <sup>th</sup> Grade  | II  | I        |                |
| 10 <sup>th</sup> Grade | III | II & III | I              |
| 11 <sup>th</sup> Grade | IV  | IV       | II & III       |
| 12 <sup>th</sup> Grade | V   | V        | IV (Ab Initio) |

\*Ab Initio is available only for those students who cannot take the full sequence of foreign 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)**

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

**GROUP 4: Sciences (SL or HL)**

|                                            | Biology Path                                      | Chemistry Path                                         |
|--------------------------------------------|---------------------------------------------------|--------------------------------------------------------|
| 9 <sup>th</sup> Grade                      | Advanced Biology                                  | Advanced Biology                                       |
| 10 <sup>th</sup> Grade                     | Physical Science, Anatomy, or<br>*Chemistry       | Physical Science, *Chemistry, Physics                  |
| 10 <sup>th</sup> or 11 <sup>th</sup> Grade | *Chemistry, Anatomy, or Physics                   | *Chemistry or Physics                                  |
| 11 <sup>th</sup> Grade                     | AP/IB Biology (4 quarters)                        | AP Chemistry (2 credits)<br>IB Chemistry SL (1 credit) |
| 12 <sup>th</sup> Grade                     | AP/IB Biology (4 quarters)                        | AP Chemistry (2 credits)<br>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/Trig 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 Advanced 7<sup>th</sup> and 8<sup>th</sup> grade math to complete their Algebra I credit.

| Analysis and Approaches, HL |                                            |                                                            |
|-----------------------------|--------------------------------------------|------------------------------------------------------------|
| 8 <sup>th</sup>             | Advanced 8 <sup>th</sup> grade math        | Advanced 8 <sup>th</sup> grade math                        |
| 9 <sup>th</sup>             | Geometry with Data Analysis                | Geometry with Data Analysis and Algebra II with Statistics |
| 10 <sup>th</sup>            | Algebra II with Statistics and Precalculus | Precalculus                                                |
| 11 <sup>th</sup>            | AP Calculus AB                             | AP Calculus AB                                             |
| 12 <sup>th</sup>            | Analysis and Approaches HL                 | Analysis and Approaches HL                                 |

| Analysis and Approaches, SL |                                            |                                                           |
|-----------------------------|--------------------------------------------|-----------------------------------------------------------|
| 8 <sup>th</sup>             | Advanced 8 <sup>th</sup> grade math        | Regular 8 <sup>th</sup> grade math                        |
| 9 <sup>th</sup>             | Geometry with Data Analysis                | Geometry with Data Analysis                               |
| 10 <sup>th</sup>            | Algebra II with Statistics and Precalculus | Algebra I with Probability and Algebra II with Statistics |
| 11 <sup>th</sup>            | Term Calculus or AP Calculus AB            | Precalculus and Term Calculus                             |
| 12 <sup>th</sup>            | Analysis and Approaches SL                 | Analysis and Approaches SL                                |

| Applications and Interpretations, SL |                                      |                                                           |
|--------------------------------------|--------------------------------------|-----------------------------------------------------------|
| 8 <sup>th</sup>                      | Advanced 8 <sup>th</sup> grade math  | Regular 8 <sup>th</sup> grade math                        |
| 9 <sup>th</sup>                      | Geometry with Data Analysis          | Geometry with Data Analysis                               |
| 10 <sup>th</sup>                     | Algebra II with Statistics           | Algebra I with Probability and Algebra II with Statistics |
| 11 <sup>th</sup>                     | Precalculus                          | Precalculus                                               |
| 12 <sup>th</sup>                     | 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 Economics SL: 11th or 12th
- IB Music SL: 11th or 12th
- IB Theatre SL: 11th and 12th
- IB Psychology SL: 11th and 12th
- IB Business Management
- A second science or world language

# NCAA Approved Courses for Auburn High School

School Code: 010220

As of July 2021

## English

---

|                                |                           |
|--------------------------------|---------------------------|
| English 9                      | Creative Writing (1and 2) |
| English 9 Advanced             | Debate                    |
| English 10                     | Debate Advanced (1 and 2) |
| English 10 Advanced            | Journalism                |
| English 11                     | Public Speaking           |
| English 11 Advanced (AP/IB/DC) |                           |
| English 12                     |                           |
| English 12 Advanced (AP/IB/DC) |                           |

## Math

---

|                                    |                                       |
|------------------------------------|---------------------------------------|
| Algebra 1                          | Computer Science Principles           |
| Algebra 1A (.5 maximum credit)     | AP Computer Science Principals        |
| Algebra 1B (.5 maximum credit)     | Discrete Math                         |
| Algebra 1 with Probability         | Geometry                              |
| Algebra 2                          | Geometry with Data Analysis           |
| Algebra 2 with Trigonometry        | Geometry A (.5 maximum credit)        |
| Algebra 2 with Statistics          | Geometry B (.5 maximum credit)        |
| Applications of Finite Mathematics | IB Higher Level Math                  |
| Calculus                           | IB Standard Level Math                |
| Advanced Calculus (AP/DC)          | Pre-Calculus (DC)                     |
| Calculus AB/AP                     | Pre-Calculus Algebra and Trigonometry |
| Calculus BC/AP                     | Probability and Statistics            |
|                                    | AP Statistics                         |

## Social Studies

---

|                                |                          |
|--------------------------------|--------------------------|
| World History/Geography 9      | Economics                |
| US History 10                  | Economics (AP/IB)        |
| European History (AP/Pre IB)   | American Government      |
| US History 11                  | Government (AP)          |
| American History 11 (AP)       | Psychology               |
| History of the Americas 1 (IB) | Psychology (AP/IB)       |
| History of the Americas 2 (IB) | African American Studies |
| Criminal Psychology            |                          |
| Sociology                      |                          |

## Science

|                                      |                       |
|--------------------------------------|-----------------------|
| Anatomy and Physiology               | Chemistry             |
| Forensic and Criminal Investigations | Chemistry (AP/IB)     |
| Introduction to Biotechnology        | Earth Science         |
| Biology                              | Environmental Science |
| Biology (AP/IB)                      | Physical Science      |
|                                      | Physics               |
|                                      | Physics (AP/IB)       |

## Additional Core Courses

---

|                  |                  |                   |
|------------------|------------------|-------------------|
| French 1 – 5     | German 1 – 5     | Spanish 1 – 6     |
| French 5 (AP/IB) | German 5 (AP/IB) | Spanish 5 (AP/IB) |

## Important Phone Numbers

---

|                                           |                       |
|-------------------------------------------|-----------------------|
| <b>Auburn City Board of Education</b>     | <b>(334) 887-2100</b> |
| <b>Auburn City Board of Education Fax</b> | <b>(334) 887-2107</b> |
| <b>Auburn High School Administration</b>  | <b>(334) 887-2120</b> |
| <b>Auburn High School Fax</b>             | <b>(334) 502-0316</b> |

**Dr. Shannon Pignato**  
Principal

**Dr. Silvia Scaife**  
Career Technical Education Director

**Mr. Dan Norton**  
Athletic Director

**Ms. Justina Wills**  
Assistant Principal, Students A – E  
Student Services Coordinator (RTI, 504, Counseling)

**Mr. Chris Hames**  
Assistant Principal, Students F – K  
Dual Enrollment Coordinator

**Mr. Jamie Rice**  
Assistant Principal, Students L – R  
Parking and Safety

**Ms. Beth Antoine**  
Assistant Principal, Students S – Z  
Building Testing Coordinator



**Auburn High School Counseling Department**

**(334) 887-2130**

---

**Counseling Department Fax**

**(334) 502-0318**

---

**Ms. Isalie Corneil**  
Students A – E

**Mrs. Marie Harris**  
Students F – K

**Ms. Heather Langford**  
Students L – R

**Mrs. Nichole Warren**  
Students S – Z

**Mrs. Janet Nelson and Mrs. Anna Veronese**  
Registrars

**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**

---

**Mrs. Amy Hanna**  
Career Coach

**(334) 887-0059**

---

**Mrs. Audrey Marshall**  
Work Based Learning Coordinator

**(334) 887-0058**

---

[Back to Table of Contents](#)

**It is the policy of the Board that no person in this district shall, on the basis of race, color, disability, creed, religion, sex, age or national origin, be denied the benefits of, or be subject to discrimination in, any education program or activity. This includes employment, retention, and promotion. The Board complies fully with providing for equal access to the Boy Scouts and other designated youth groups as prescribed by law.**

**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: Dr. Tim Havard, 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: Wes Gordon, Assistant Superintendent at Auburn City Schools, P.O. Box 3270, Auburn, AL 36831-2100, (334) 887-2100.**