

## 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 academic 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 endorsements require different credits. Look at the general graduation requirements, as well as the three academic endorsements all Alabama students can pursue. If you are interested in IB, review the specific requirements for an IB diploma. If you're a high school athlete looking to play in college, look at the NCAA approved courses.

## Review the elective course options

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

## Make a plan

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

## Get your questions answered

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

NOTE: The Table of Contents is hyperlinked to the corresponding sections throughout the curriculum guide. The first section of the guide includes general information relevant to all students. The 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.

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## Auburn High School Core Curriculum

26 Credits Required for Graduation
$\qquad$

English 9: Regular or Advanced
English 10: Regular or Advanced
English 11: Regular, AP, Dual Credit, or IB
English 12: Regular, AP, Dual Credit, or IB
Mathematics 4 credits

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

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

| Other Sciences | Physical Sciences |
| :--- | :--- |
| Biology: Regular, Advanced, AP, or IB | Physical Science |
| Anatomy and Physiology | Chemistry: Regular, AP, IB, or Dual |
| Introduction to Biotechnology | Credit |
| Forensic and Criminal Investigation | Physics: Regular, AP 1, AP 2 |
| Earth Science | Physics C: Mechanics, AP |
| 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 $11^{\text {th }}$ grade must take $10^{\text {th }}$ grade U.S. History AND $11^{\text {th }}$ grade U.S. History during their junior year.

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

| Beginning Kinesiology | 1 credit |
| :--- | :--- |
| Career Preparedness | 1 credit |
| Health | $1 / 2$ credit |
| Special Electives | 3 credits |
| Arts, Career Technical Pathway, World Languages (any combination) |  |
| Other Electives | $41 / 2$ credits |
| Total | 26 credits |

## Credit Awarding Policies

Graduation Requirements (Classes of 2025, 2026, 2027)
To receive an Auburn High School Diploma, all students are expected to complete the following core curriculum and selected electives:

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

## Grading Scale

| Standard | Quality Points | Advanced, Advanced <br> Science, World Language <br> 3 and 4 | AP/IB (Weighted) |
| :--- | :---: | :---: | :---: |

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

## Incomplete Policy

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

## Programs of Study

## Core Curriculum

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

## Advanced Placement (AP) Curriculum

Auburn High School offers a wide range of Advanced Placement courses and administers Advanced Placement exams in May of each year. Because of their academic rigor, AP courses are assigned a weighted grade. Acceptable AP test scores may enable students to earn college credit by demonstrating competence in freshman, college-level coursework, depending on specific college requirements. Advanced Placement exams are offered in the following areas: Biology, English, Spanish, German, French, Calculus, Statistics, Chemistry, American History, European History, Visual Art, Economics, Government, Psychology, Music, Art History, Environment Science and Physics. Most Advanced Placement courses require summer assignments. Students and parents should be very sensitive to the demanding nature of Advanced Placement courses. Reading expectations for the classes are extensive. Students will be involved in college-level activities, particularly in the areas of writing skills and test-taking. Advanced Placement courses place a high degree of emphasis on the student's self-motivation, study skills, and the ability to self-direct his/her learning. If students have questions as to their potential in a course, they should check with their current teacher of that particular subject. Students are required to take the AP exams which are given in May. Students must take the AP/IB exams 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 the six groups. At least three but not more than four of the six subjects are taken at the Higher Level ( HL ); the others are taken at the Standard Level (SL). Each required subject is graded on a scale of 1 (minimum) to 7 (maximum). The awarding of the IB Diploma requires a minimum of 24 total points on the IB exams and the completion of three additional requirements: the Extended Essay, an independent research paper; a course entitled Theory of Knowledge (TOK), which explores the relationship among various disciplines and ensures that students engage in critical reflection and analysis of the knowledge required within and beyond the classroom, and Creativity, Action, and Service (CAS) activities. IB evaluates the Extended Essay, Theory of Knowledge Essay, and CAS requirements. If any component is found lacking, the IB Diploma will not be awarded. Because of their academic rigor, IB courses are assigned weighted grades. The cost of the IB Diploma program is approximately $\$ 840.00$. A deposit is paid in the fall of the student's junior year. The remainder is due by the fall of the student's senior year. IB classes are open to any student with the required prerequisite courses and an interest in a challenging and broad academic program. Any student considering the IB Diploma Program is strongly encouraged to complete their P.E. credit, Health credit, and Computer Application (Career Preparedness) credit prior to their junior year.

## Special Education Curriculum (By Placement)

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

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 Experiences

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

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

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

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

## December Graduates

Auburn High School students have the option of 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 11) prior to exiting early. There is no December graduation ceremony. December graduates will be allowed to participate in the May graduation ceremony and prom. No diplomas will be issued prior to May. December graduates will not 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. Students will be labeled as a "graduate" for the spring semester.

## Other High School Graduation Readiness Indicators

## Alabama Civics Exam

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

## College or Career Readiness Indicators

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

1. AP and IB: Make a qualifying score on an AP or IB Exam

$$
\text { AP Scores: } 3,4 \text {, or } 5
$$

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 $11^{\text {th }}$ 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 transcripted 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 $12^{\text {th }}$ grade will take a job skills assessment to determine career readiness in specific job-related areas.
6. Career and Technical Education Approved Credential: Receive a CTE Career Readiness Indicator Credential
7. Career and Technical Education Program Completer
8. In-School Youth Apprenticeship

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

## The Course Request Process

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

## Schedule Request Window

- Our updated online Course Curriculum Guide will be available in February.
- The AHS Curriculum Night event will be on February 26, 2024.
- The online course request (registration) portal is expected to be available from February $27^{\text {th }}-$ March $13^{\text {th }}$. Directions for course selection can be found below. A demonstration video is also available.
- Students will receive registration forms in Tiger Connect (advisory) on Wednesday, February 21 ts $^{\text {st }}$.
- Virtual students should plan to pick up their request sheet on February $26^{\text {th }}, 2024$.
- Students should take the form home, discuss classes with their parents/guardians, select courses, and input those courses into the PowerSchool portal that opens February $27^{\text {th }}$ and closes March $13^{\text {th }}$. Please return the completed registration form to the counseling department by Thursday, March $14^{\mathrm{th}}$. 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 2024-2025 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 Tuesday, February $27^{\text {th }}$ and close Wednesday, March $13^{\text {th }}$.

## 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.
- Navigate to the "Our School" tab and choose "AHS Curriculum Guide 2024/2025".


## STEP TWO:

- Go to https://www.auburnschools.org/ahs.
- Select on the Grade Portal link under the "For Students" tab.
- Login using your office 365 login (student username@acsk12.org and password.)
- Select on Class Registration on the left side of the screen.
- Select 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 select Okay.
- Repeat until you have entered all of your requests.
- Scroll to the very bottom of the Request Screen. Select 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 Thursday, March 14 ${ }^{\mathrm{th}}$.
- Remember, a copy of this guide is located on our school website: auburnschools.org/ahs.
- Navigate to the "Our School" tab and choose "AHS Curriculum Guide 2024/2025".


## 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 $3^{\text {rd }}$ 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.


## Advertising Design CTE Program

## Career Tech Student Organization: SkillsUSA-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 available to $10^{\text {th }}$ and $11^{\text {th }}$ graders 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 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

| Course Code: 12165 G 1012 | 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 designrelated 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 |  |
| :--- | :--- |
| 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 <br> 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. |  |

## Animal Science CTE Program

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

> Career Tech Student Organization: Future Farmers of America (FFA) Career Readiness Indicator Credential: ATOLL, Beef Quality Assurance

| Aquaculture Science | 1 Credit |
| :--- | :--- |
| Course Code: 18306G1002 | Course Fee: \$20 |
| Prerequisite: None | In Aquaculture Science, students are introduced to practical applications of both physical and biological <br> concepts and skills through experiential learning opportunities. While aquaculture is the cornerstone of <br> this course, the program places heavy emphasis on the integration of knowledge to solve problems and <br> broaden the depth of understanding about water chemistry and management, aquaculture systems, <br> aquatic biology, and health and sanitation. All students enrolled in this course will complete the <br> Aquaculture Training and On-Line Learning (ATOLL) credential. This career and technical student <br> organization is an integral, co-curricular component of the program that serves to help students develop <br> leadership abilities, expand workplace readiness skills, and broaden opportunities for personal and <br> 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 <br> concepts involving the use of microscopes and the conversion of unit measurements. Topics include <br> history, aquatic species, water management, health and sanitation, biotechnology, and aquaculture <br> issues. While aquaculture is the cornerstone of this course, the program places heavy emphasis on <br> encouraging critical thinking, the use of the scientific method, the integration of technology, and the <br> development of student leadership skills by placing great emphasis on project-based learning. |  |


| Introduction to Veterinary Science |  |
| :--- | :--- |
| Course Code: 18105G1012 | 1 Credit |
| Prerequisite: None | Course Fee: $\$ 20$ |
| Introduction to Veterinary Science is designed to familiarize students with the scope, content, and <br> opportunities of the veterinary science profession. Topics include safety, animal welfare, veterinary <br> calculations, animal breed identification, anatomy and physiology, animal health, and laws and <br> regulations. The program places heavy emphasis on encouraging critical thinking, the use of the scientific <br> method, the integration of technology, and the development of student leadership skills by placing great <br> emphasis on project-based learning. |  |


| Veterinary Science | 1 Credit |
| :--- | :--- |
| Course Code: $18105 G 1022$ | Course Fee: $\$ 20$ |
| Prerequisite: Introduction to Veterinary Science | Veterinary Science is designed to prepare students for entry-level employment or advanced training as |
| veterinary assistants. Topics include safety, medical terminology, scientific classification, health and |  |
| disease, anatomy and physiology, applied clinical mathematics, anesthesiology and basic surgical |  |
| procedures, business management practices, veterinary law and ethics, and applications of technology. |  |
| The program places heavy emphasis on encouraging critical thinking, the use of the scientific method, |  |
| the integration of technology, and the development of student leadership skills by placing great emphasis |  |
| on project-based learning. |  |

## Army Junior Reserve Officer Training Corp (JROTC) CTE Program

JROTC is a 4-year program that is a cooperative effort on the part of the Army and Auburn City Schools to provide students opportunities to develop in responsible leadership roles and appreciate the ethical values and principles that underlie good citizenship. The program intends to develop leadership potential while living and working cooperatively with others. In addition, cadets will: be able to think logically and to communicate effectively with others, both orally and in writing; participate in community service/servicelearning 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 Career Readiness Indicator Credential: Program Completion after 3 successful years

| Leadership, Education \& Training I (LET I) | 1 Credit |
| :--- | :--- |
| Course Code: 09051G1001 | Course Fee: None |
| Prerequisite: None | This course offers study in leadership theory and application, foundations for success, <br> communication/study skills, citizenship, military customs and courtesies, physical training, drill, first aid, <br> and the history and objectives of JROTC. Students are required to adhere to a specific grooming and dress <br> policy. Cadets will receive uniforms and equipment provided by the U.S. Army with the expectation they <br> will wear and maintain these uniforms and equipment under the guidelines of U.S. Army Cadet Command <br> as directed by the program instructors. Cadets are required to turn in all uniform and equipment items <br> 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) |  |  | 1 Credit |
| :--- | :--- | :---: | :---: |
| Course Code: 09054G1001 | Course Fee: None |  |  |
| Prerequisite: Completion of LET III with a minimum of 70\% | This course offers study in senior-level supervisory skills, team development, project management, <br> mentoring/counseling; developing and delivering lesson plans, career planning; developing a resume, <br> completing a job/college application, and developing a unit fitness plan. Students are required to adhere <br> to a specific grooming and dress policy. Cadets will receive uniforms and equipment provided by the U.S. <br> Army with the expectation they will wear and maintain these uniforms and equipment under the <br> guidelines of U.S. Army Cadet Command as directed by the program instructors. Cadets are required to <br> turn in all uniform and equipment items upon completion of JROTC for the School Year. Failure to do so <br> 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. The focus of instruction |  |
| will be on the 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 <br> of 70\% | Course Fee: None |

This course is used to supplement and reinforce the instruction given in JROTC. The focus of instruction will be on the 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 <br> of 70\% | Course Fee: None |  |

This course is used to supplement and reinforce the instruction given in JROTC. The focus of instruction will be on the JROTC Continuous Improvement Program, service learning, physical fitness, citizenship, and senior-level 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, Al 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. The focus of instruction is the course the student failed to meet the 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. |  |

## Art

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

| Visual Art I |  |
| :--- | :--- |
| Course Code: 05154G1001 | . 5 Credit |
| Prerequisite: None | Course Fee: None |
| This course introduces the student to the theory, practice, vocabulary, tools, processes, and appreciation <br> of art. This class is designed to provide a foundation for higher-level art and is a required prerequisite for <br> most art classes. This course satisfies the State of Alabama requirement for a fine arts elective. |  |


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


| Visual Arts, 2-Dimensional Design (Drawing) Part 2 or Advanced |  |
| :--- | :--- |
| Course Code: 05195G1022 | 1 Credit |
| Prerequisite: Visual Art I and 2D Design; recommended 75 or <br> higher in 2D Drawing | Course Fee: $\$ 25$ |

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

| Visual Arts, 3-Dimensional Design (Ceramics) | .5 Credit |
| :--- | :--- |
| Course Code: 05195G1031 | Course Fee: $\$ 35$ |
| Prerequisite: Visual Art I | In this course, the student explores three-dimensional design in clay and other materials. Students are <br> introduced to the hand-built techniques of coil, slab, and drape construction in terracotta clay. Other <br> 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; recommended 75 or higher in 3D <br> Ceramics | Course Fee: $\$ 35$ |
| A course that cultivates the skills and concepts previously learned in 3D Art to advance student's <br> understanding of the fine art form. Students will continue to explore the hand-building techniques as well <br> as learn new techniques including wheel throwing. This course is designed to prepare students for AP <br> Studio Art, post-secondary education as well as professional use. |  |


| Visual Arts, Painting II |  |
| :--- | :--- |
| Course Code: 05157 G 1002 | 1 Credit |
| Prerequisite: Visual Art I and 2-D Art (Drawing) | Course Fee: $\$ 45$ |
| A course in which the student learns to see as an artist sees and develop skills in the use of the techniques <br> 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 |
| Prerequisite: Visual Art I | Course Fee: $\$ 25$ |

This course introduces students to photography for practical use as well as a fine art form. The student will learn to use digital cameras and to manipulate, save and print good-quality photographs using Adobe Photoshop. Students do not need to own a camera to take this class.

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

The Principles of Art and Elements of Design are easily introduced and expanded upon through a variety of printmaking techniques such as monoprints, dry etching, linoleum relief, collagraphs, and many more. Development of these processes will be covered through Art History lessons, process and vocabulary, and art criticism and judgment.

| Studio Art Two-Dimensional Design, AP |  |
| :--- | :--- |
| Course Code: 05174E1000 | 1 Credit |
| Prerequisite: Visual Art I and 2-D Art (Drawing) | Course Fee: $\$ 50$ |
| A course for final preparation of the AP Art Portfolio. Students work independently with direction and <br> supervision from the art teacher. The AP Studio Art Portfolio is submitted in May for a fee of <br> approximately \$105. Students will be expected to pay for art reproductions in the Spring. This course is <br> recommended for juniors and seniors only. |  |

## Career Preparedness

| Career Preparedness (Required) |  |
| :--- | :--- |
| Course Code: $22153 G 1000$ | 1 Credit |
| Prerequisite: None | Course Fee: None |
| The Career Preparedness course focuses on three integrated areas of instruction: academic planning <br> and career development, financial literacy, and technology. Course content ranges from college and <br> career preparation to computer literacy skills to ways to manage personal finances and reduce personal <br> risk. The area of technology is designed to be interwoven throughout course instruction. Mastery of the <br> content standards provides a strong foundation for student acquisition of the skills, attitudes, and <br> knowledge that enable them to achieve success in schools, at work, and across the lifespan. |  |

## Computer Science CTE Program

## Career Tech Student Organization: SkillsUSA <br> Career Readiness Indicator Credential: Information Technology Specialist - Python

| Programming Foundations |  |
| :--- | :--- |
| Course Code: $10152 G 1001$ | 1 Credit |
| Prerequisite: None | Course Fee: None |
| Programming Foundations focuses on the fundamentals of computer programming with an emphasis on <br> computational thinking and problem-solving. Students will create authentic artifacts and engage with |  |
| programming as a medium for creativity, communication, problem-solving, and fun. Students will be <br> expected to develop logical thinking skills that pertain to programming. This course extends the <br> standards of the Alabama Course of Study: Digital Literacy and Computer Science. |  |


| Object-Oriented Programming I(Python) |  |
| :--- | :--- |
| Course Code: 10152G1003 | 1 Credit |
| Prerequisite: Information Technology Fundamentals, <br> Programming Foundations or Exploring Computer Science | Course Fee: None |

Object-Oriented Programming I (Python) is designed to provide students with an understanding of object-oriented programming concepts (classes and objects) that are used to structure a software program using reusable pieces of code. After being introduced to basic programming terminology, students will learn to program the Python language, acquiring an understanding of data types, functions, conditional statements, loops, etc., as well as program documentation, program design and development, and debugging. Good programming techniques will be stressed.

| Computer Science Principles, AP |  |
| :--- | :--- |
| Course Code: 10019 E1000 | 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: 10157 E 1000 | 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 <br> science. This course introduces students to computer science with fundamental topics that <br> include the design of solutions to problems, the use of data structures to organize large sets <br> of data, the development and implementation of algorithms to process data and discover new <br> information, the analysis of potential solutions, and the ethical and social implications of <br> computing systems. The course emphasizes object-oriented programming and design using <br> the Java programming language. The AP Computer Science A Exam is required and will be <br> administered in May. |  |

## Construction Technology CTE Program

> Career Tech Student Organization: SkillsUSA
> Career Readiness Indicator Credential: NCCER

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


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

Construction Finishing

| Course Code: 17011G1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: Architecture \& Construction Foundations | Course Fee: \$25 |

This course is designed to facilitate students' understanding of the exterior and interior finishing phases of construction. Content covers virtually all processes that follow the structural elements of a project. Topics include career exploration of various trades involved on a job site, OSHA/safety, windows and door installation, plumbing and electrical components and systems, insulation, exterior cladding, and interior finishes. This course utilizes NCCER curriculum.

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

## 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.

## Educators in Training CTE Program

Career Tech Student Organization: Family, Career and Community Leaders of America (FCCLA) Career Readiness Indicator Credential: Google Educator, Praxis I Core Academic Skills for Educator Exam and Praxis II Principles of Learning and Teaching

Foundations in Education (formerly Education and Training)

| Course Code: 19001G1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Course Fee: \$10 |

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

| Practices in Education (formerly Teaching I) | 1 Credit |
| :--- | :--- |
| Course Code: $19152 G 1001$ |  |
| Prerequisite: Foundations in Education or Education \& Training | Course Fee: \$10 |
| Practices in Education is also a one-credit course. This course is designed as an opportunity for students |  |
| to implement the content learned in Foundations of Education in a Placement Classroom. Progressive |  |
| content included in this course is centered on professionalism, instructional strategies, and planning and |  |
| delivering instruction. Students will work in a Placement Classroom at least twice a week. Therefore, |  |
| enrollment requires teacher and administrative approval. This will be determined by an application |  |
| process and attendance and discipline reviews. |  |


| Methods in Education (formerly Teaching II) |  |
| :--- | :--- |
| Course Code: 19152 G1002 | 1 Credit |
| Prerequisite: Practices in Education or Teaching I | Course Fee: $\$ 10$ |
| Methods in Education is also a one-credit course. This course is designed as an opportunity for students <br> to hone skills learned in Practices in Education in a Placement Classroom. Progressive content included <br> in this course is centered on planning and delivering instruction, foundations of teaching literacy and <br> numeracy, teaching across the curriculum and understanding active learning practices. Students will <br> work in a Placement Classroom at least three a week. Therefore, enrollment requires teacher and <br> administrative approval. This will be determined by an application process and attendance and discipline <br> reviews. |  |

## Education in Training Internship

| Course Code: 19198G1000 | 1 Credit |
| :--- | :--- |
| Prerequisite: Senior students who have completed Methods in <br> Education or Teaching II | Course Fee: None |

Education in Training Internship content provides students with hands-on experience, advanced knowledge and skills used in the education field. The instructional program is comprised of classroom teaching and professional traits. Students will complete a professional portfolio consisting of lesson plans, student work examples, and more. Observational experiences are a required component of this course. Students must complete an application and be accepted to the Internship. Internship placement requires: Education in Training requires teacher approval as well as no out-of-school suspension or excessive absences.

## Engineering CTE Program

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

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

| Introduction to Engineering Design - PLTW |  |
| :--- | :--- |
| Course Code: 21017G1000 | 1 Credit |
| Prerequisite: Average of 75 or better in math or completed <br> Automation and Robotics with an average of 75 or better | Course Fee: \$15 |
| This course develops student problem-solving skills, with emphasis placed upon the concept of <br> developing a 3-D model or solid rendering of an object. Students focus on the application of visualization <br> processes and tools provided by modern, state-of-the-art computer hardware and software. This <br> modern computer-based process complements the traditional hand drawing methods. The course will <br> emphasize the design development process of a product and how a model of that product is produced, <br> analyzed, and evaluated, using a computer-aided design system. Various design applications will be <br> explored with a discussion of possible career opportunities. |  |


| Principles of Engineering - PLTW |  |
| :--- | :--- |
| Course Code: $21018 G 1000$ | 1 Credit |
| Prerequisite: Required 75 average in Algebra II and completion <br> in Introduction to Engineering Design with a 75 average | Course Fee: \$15 |
| This introductory course is a broad-based survey course designed to help students understand the field <br> of engineering and engineering technology and its career possibilities. Students will develop engineering <br> problem-solving skills that are involved in post-secondary education programs and engineering careers. <br> They will explore various engineering systems and manufacturing processes. The main purpose of this <br> course is to experience through theory and hands-on problem-solving activities what engineering is all <br> about and to answer the question, "Is a career in engineering or engineering technology for me?" |  |


| Civil Engineering and Architecture - PLTW |  |  | 1 Credit |
| :--- | :--- | :---: | :---: |
| Course Code: 21021G1000 | Course Fee: \$15 |  |  |
| Prerequisite: Average of 75 or better in Intro. to Engineering <br> and Principles of Engineering | A high school level specialization course in the PLTW Engineering Program. In CEA students are <br> introduced to important aspects of building and site design and development. They apply math, <br> science, and standard engineering practices to design both residential and commercial projects <br> and document their work using 3D architectural design software. Students will develop skills in <br> engineering calculations, technical representation and documentation of design solutions <br> according to accepted technical standards, and use of current 3D architectural design and <br> modeling software to represent and communicate solutions. |  |  |


| Aerospace Engineering - PLTW |  |
| :--- | :--- |
| Course Code: 21019G1000 | 1 Credit |
| Prerequisite: Average of 75 or better in Intro. to Engineering <br> and Principles of Engineering | Course Fee: \$15 |
| Students explore the physics of flight and bring what they're learning to life through hands-on projects <br> like designing a glider and creating a program for an autonomous space rover. Using 3-D design software, <br> students will collaborate on engineering design problems related to the aerospace industry and <br> encountered by aerospace engineers. |  |


| Robotics Systems (Competition Robotics) |  |
| :--- | :--- |
| Course Code: 21009G1000 | 1 Credit |
| TSA membership and Student Application Required | Course Fee: $\$ 100$ |
| This one-credit course is designed to provide students with the fundamental knowledge and skills of |  |
| robotics. Emphasis is placed on the fundamentals of electrical current, digital circuits, electronic control |  |
| systems, and the design and operation of robotic systems. This course requires an accepted application |  |
| and full participation in the competitive robotics team at Auburn High. Applications must be completed |  |
| online Robotics Application - https://forms.office.com/r/2nxa5XM28Z |  |

## English Language Arts

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


| English 10 Advanced | 1 Credit |
| :--- | :--- |
| Course Code: 01002E1000 | Course Fee: None |
| Prerequisite: English 9 | An advanced course covering traditional and contemporary American and world literature, composition, <br> vocabulary, and grammar. Summer reading is required for Advanced English 10. This course earns an <br> additional .5 quality points 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, composition, grammar, and vocabulary. |  |


| English Language and Composition, AP (AP English 11) |  |
| :--- | :--- |
| Course Code: 01005 E1000 | 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 <br> style. The focus will be on American literature with comparisons to world literature selections. The AP <br> English Language and Composition Exam will be administered in May and is required to receive weighted <br> 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. <br> 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 $-11^{\text {th }}$ grade (Dual Credit)

| Course Code: 01999C1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: 2.5 GPA and Qualifying score on the ACT or | Course Fee: SUSCC Tuition |
| Accuplacer |  |
| 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 11 th-grade students. Students will receive their AHS English 11 credit and an |  |
| English Composition Credit at Southern Union with a score of 70 or above. SUSCC tuition fees apply. |  |

## ENGLISH COMPOSITION I - $12^{\text {th }}$ grade (Dual Credit)

| Course Code: 01999C1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: 2.5 GPA \& 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 12 $2^{\text {th }}$-grade reading standards for English. This |  |
| course may be taken by $12^{\text {th }}$-grade students. Students will receive their AHS English 12 credit and an |  |
| English Composition Credit at Southern Union with a score of 70 or above. SUSCC tuition fees apply. |  |

## ENGLISH COMPOSITION II $-12^{\text {th }}$ grade (Dual Credit)

| Course Code: 01999C1002 | 1 Credit |
| :--- | :--- |
| Prerequisite: Dual Credit English 101 credit or Qualifying ACT score or | Course Fee: SUSCC Tuition |
| AP Score; 2.5 GPA |  |
| 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 $12^{\text {th }}$-grade reading standards for English. This course can |  |
| be taken by $12^{\text {th }}$-grade students who have previously taken Dual Credit English 101 or would be able to |  |
| CLEP 101 due to a qualifying AP or ACT score. Students will receive their English 12 credit and an English |  |
| Composition Credit at Southern Union with a score of 70 or above. SUSCC tuition fees apply. |  |


| African and African American Studies |  |
| :--- | :--- |
| Course Code: 01099G10AS | 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. |  |

## ACT Prep

| Course Code: 23992 X10AH | .5 Credit |
| :--- | :--- |
| Recommended Prerequisite: Successful completion of or <br> currently enrolled in Geometry | Course Fee: \$15 |

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.

## Creative Writing (1 credit)

| Course Code: 01104G1000 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Course Fee: None |

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.

## Creative Writing ( .5 credit)

| Course Code: 01104G0500 | .5 Credit |
| :--- | :--- |
| Prerequisite: None | Course Fee: None |

This course may be taken for a quarter course 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.

| Creative Writing II |  |
| :--- | :--- |
| Course Code: 01104G10L2 | 1 Credit |
| Prerequisite: Creative Writing I | Course Fee: None |
| This course concentrates on improving writing skills and providing practice for students who would like <br> to pursue writing as a potential future career or students who have a passion for writing. The course will <br> engage with and analyze language, stretch creativity, and produce publication-quality work. Students will <br> keep a daily journal, investigate revision and peer editing to make writing more reader-friendly, and <br> produce an e-portfolio that will serve to self-publish and allow the student to continue beyond the class. <br> Students will read and investigate other author's techniques to develop their own writing voice through <br> 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 the Lincoln-Douglas Debate, Public Forum Debate (a type of team debate), Extemporaneous Speaking (impromptu speeches and analyzing current events), and Model Congress. Most of the course focuses on the in-class debating of major political and ethical issues. Students are taught case writing, rebuttals, cross-examination skills, analytical thinking, and political and moral philosophy. Students are not required to participate in competitive tournaments. Fees will be assessed by the tournament if students choose to participate.

## Advanced Debate

| Course Code: 01151G10D2 | 1 Credit |
| :--- | :--- |
| Prerequisite: Debate | Competition Fee: $\$ 200$ |
| Advance Debate students will continue to expand their knowledge of various forms of debate. Students |  |
| will learn debating skills, primarily for interscholastic tournament competitions. The class will cover the |  |
| thinking processes and research techniques to develop assignments, as well as the speaking skills to |  |
| present, refute, and defend ideas. Considerable out-of-class time will be required for research, |  |
| preparation, practice, and tournament participation. Debate provides essential training in citizenship |  |
| development. Students become familiar with important political and social issues and learn the |  |
| complexities of responsible choices concerning public issues. High school debate students receive higher |  |
| grades and are more likely to continue to post-secondary education than comparable high school |  |
| students involved in any other activity. Students must have completed Debate I to be eligible for Advance |  |
| Debate. Students in Advanced Debate are required to compete in one tournament per semester. |  |
| Additional fees will be paid per tournament. This course earns an additional . 5 quality points of weighted |  |
| credit. |  |


| Advanced Debate 2 |  |
| :--- | :--- |
| Course Code: 01151G10D3 | 1 Credit |
| Prerequisite: Debate and Advanced Debate | Competition Fee: \$200 |
| This course provides instruction and practice in even more advanced skills of competitive speech and |  |
| debate. Students train to compete in tournaments in the events of the Lincoln-Douglas Debate, Public |  |
| Forum Debate (a type of team debate), Extemporaneous Speaking (impromptu speeches and analyzing |  |
| current events), and Model Congress. Considerable out-of-class time will be required for research, |  |
| preparation, practice, and tournament participation. Students must have completed Debate I and |  |
| Advanced Debate to be eligible for this class. Students must participate in at least two tournaments per |  |
| semester. Additional fees will be paid per tournament. This course earns an additional . 5 quality point of |  |
| weighted credit. |  |


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


| School Publications (Yearbook) |  |
| :--- | :--- |
| Course Code: 11104X1000 | 1 Credit |
| Prerequisite: Application with teacher approval and experience <br> in Journalism, Advertising Design, or Photography | Course Fee: None |
| This is a year-long course in which students create the AHS yearbook. Students must fill out an application <br> for consideration. Students who are accepted into the class will learn or hone existing skills in journalism, <br> photography, graphic design, and marketing. After training, they will be expected to work independently <br> to create page layouts, conduct interviews, take compelling photos, write journalistically sound stories <br> and captions, and effectively use our online page creation software. Students also will be required to do <br> some summer work, including independently selling business ads, helping with senior portraits, and <br> attending a 3-day workshop in Auburn. Yearbook Application - https://forms.office.com/r/VPvqWLdzp9 |  |

## Environmental \& Natural Resources CTE Program

## Career Tech Student Organization: Future Farmers of America (FFA)

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

| Fundamentals of Agriscience |  |
| :--- | :--- |
| Course Code: $18003 G 1001$ | 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. Currently, there is no credential offered |  |
| for this course. Hands-on lessons and labs will provide students with opportunities to engage in the |  |
| scientific process and demonstrate critical thinking skills. All students enrolled in Fundamentals of |  |
| Agriscience are concurrently enrolled into the Auburn Blue FFA Chapter. FFA is a national organization |  |
| that provides students with opportunities to compete in contests, take part in service learning, build |  |
| leadership skills, explore a variety of careers, and pursue scholarships. |  |


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

## Forestry

| Course Code: 18502G1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: Fundamentals of Agriscience or Horticulture | 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. Other credential opportunities may be available and will be made known during the course of the semester. All students enrolled in Forestry are concurrently enrolled into the Auburn Blue FFA Chapter. FFA is a national organization that provides students with opportunities to compete in contests, take part in service learning, build leadership skills, explore a variety of careers and pursue scholarships.

| Fish and Wildlife Management |  |
| :--- | :--- |
| Course Code: 18501G1001 | 1 Credit |
| Prerequisite: Fundamentals of Agriscience | Course Fee: $\$ 20$ |

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

## Finance and Marketing CTE Cluster

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

| Accounting | 1 Credit |
| :--- | :--- |
| Course Code: 12104G1012 | Course Fee: None |
| Prerequisite: None | EVERY student planning to major in business will have to take a college accounting class - do not miss <br> your opportunity to build a strong accounting foundation at AHS! *Accounting is a great class to take if <br> you are considering IB Business Management. This course is excellent for any student interested in <br> majoring in business or interested in running their own business (this also includes you if you plan to be <br> a doctor or lawyer and have your own practice!!) Accounting is a one-credit course designed to help <br> students understand the basic principles of the accounting cycle. This course provides a comprehensive <br> introduction to basic financial accounting, including analyzing and recording business transactions, <br> preparing and interpreting financial statements, demonstrating generally accepted accounting principles, <br> and performing banking and payroll activities. |


| Entrepreneurship / INTRODUCTION TO BUSINESS (BUS 100) |  |
| :--- | :--- |
| Course Code: $12053 \mathrm{G1000} / 1299$ C1013 | 1 Credit |
| Prerequisite: None/ 2.5 GPA | Course Fee: None/ SUSCC Tuition |

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.

## Personal Finance

| Course Code: 19262G1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Course Fee: None |
| War |  |

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.

## Digital Marketing

| Course Code: 12162G1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Course Fee: None |

Do you spend countless hours on social media? Well, guess what? Over $90 \%$ of companies use social media as a marketing strategy! Make the time you spend on social media count by taking this one-credit course. This course focuses on applying tools, strategies, and processes to communicate digitally with targeted customers. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, and mobile marketing.

## Sports and Entertainment Marketing

| Course Code: 12163C1003 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Course Fee: None |

EVENT PLANNING of all kinds!! The sports, entertainment, and non-profit industries continue to grow! Learn how to plan and market all aspects of business and social events! This one-credit course will address sports marketing (the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information), entertainment marketing (events such as fairs, concerts, trade shows, festivals, plays, product launches, and fund raising/events for a cause), and event planning (meeting the needs of clients, establishing a budget, determining the theme, determining the location, developing an event plan schedule, training of staff, staging the event, understanding legal issues in event planning, and conducting post-evaluations of event).

## Food and Beverage Services CTE Program

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

## Career Tech Student Organization: Family, Career and Community Leaders of America (FCCLA)

 Career Readiness Indicator Credential: ServSafe
## Introduction to Hospitality and Tourism

| Course Code: $16001 G 1001$ | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Course Fee: $\$ 40$ |

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


| Culinary Arts II |  |
| :--- | :--- |
| Course Code: 16053 G1022 | 1 Credit |
| Prerequisite: Culinary Arts 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.

## Food, Wellness and Dietetics CTE Program

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

| Food and Nutrition |  |
| :--- | :--- |
| Course Code: $19252 G 1000$ | 1 Credit |
| Prerequisite: None | Course Fee: $\$ 25$ |
| 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 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 dieticians. Major <br> topics include nutrition, safety, food service, and professional behavior, with particular focus on meal <br> planning and meal preparation. |  |

## Health

## Health (Required)

Course Code: 08051G0500 $\quad .5$ 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 <br> Career Readiness Indicator Credential: CET, CNI, CPCT, CPhT, EMT, Patient Care Technician 

| Foundations of Health Science |  |
| :--- | :--- |
| Course Code: $14002 \mathrm{G1001}$ | 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 recomended for all students who |  |
| want to prepare for further study in an array of health-related fields at the postsecondary level. This |  |
| course is the prerequisite for all health science courses. Participation in the Health Occupation Student |  |
| Association (HOSA) is strongly encouraged. A \$25 fee is required for membership. |  |


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

## Pharmacy Technician

| Course Code: 14152G1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: Foundations of Health Science | Course Fee: \$25 |
| Pren |  |

Pharmacy Technician is a one-credit course that prepares students for the Pharmacy Technician Certification exam and a pharmaceutical career. The course covers content related to medicine, federal requirements, patient safety, quality assurance, and order processing.

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

## Therapeutic Services

| Course Code: $14099 G 1000$ | 1 Credit |
| :--- | :--- |
| Prerequisite: Health Science Internship | Course Fee: None |

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 $3^{\text {rd }}$ and/or $4^{\text {th }}$ block(s) during the second semester.

| Health Science Internship |  |
| :--- | :--- |
| Course Code: $14298 G 2000$ | 2 Credits |
| Prerequisite: Foundations of Health Science | Course Fee: \$65 |
| Application and interview are required. |  |
| A two-credit course designed for students in Grade 12. This course includes a variety of knowledge and <br> skills necessary for becoming a health care worker or for preparing students for postsecondary health <br> care education programs. Health Science Internship is designed to be completed in a hospital, extended <br> care facility, rehabilitation center, medical office, imagery laboratory, or other healthcare facilities. <br> Clinical assignments comprise at least 70 percent of the course at various healthcare facilities in the <br> Auburn/Opelika area. This class will be offered during 2 consecutive blocks each semester. Student <br> requirements: Health Science teacher recommendation, a 3.0 overall GPA, no out-of-school or in-school <br> suspensions, no excessive absences or tardies, provide private transportation to and from the clinical <br> site(s), provide proof of a negative TB skin test within the past year, purchase a uniform and pay a class <br> fee of $\$ 85.00$. |  |


| Operating Room Foundations |  |
| :--- | :--- |
| Course Code: 14056G1000 | 1 Credit |
| Prerequisite: Foundations of Healthcare AND senior who did <br> not get accepted into the internship; other spots will be <br> available to junior students | Course Fee: $\$ 25$ |
| Operating Room Foundations is a one-credit course that introduces students to the exciting and dynamic <br> world of the operating room and exposes students to an array of multidisciplinary specialties and <br> concepts within perioperative medicine. Course content focuses on the knowledge and skills needed to <br> promote patient safety and optimize surgical outcomes. Operating Room Foundations is offered to <br> students in grades 10-12 upon successful completion of the mandatory prerequisite, Foundations of <br> Health Science. Operating Room Foundations is recommended for students who want to prepare for <br> further study in an array of health-related fields at the postsecondary level that utilize sterile technique, <br> and/or care for patients preoperatively, intraoperatively, or postoperatively. |  |


| EMERGENCY MED TECHNICIAN |  |
| :--- | :--- |
| Course Code: $14999 C 1004$ | 1 Credit/ 3 SUSCC Credits |
| Prerequisite: Foundations of Health Science | Course Fee: None/ 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 in Emergency Medical Services. This course will educate through a format of both clinical and classroom instruction. The curriculum includes but is not limited to, traumatic emergencies, medical emergencies, emergency operations, emergency communications, emergency medical and trauma assessments. Upon successful completion of this course the student will be eligible to challenge the National Registry of EMS EMT Basic test. After passing the National Registry evaluation the student can apply for state licensure and will be immediately employable in the field. There is a cost of approximately $\$ 150.00$ per student for uniforms required for the clinical portion of the class in addition to SUSCC tuition.

## LONG TERM CARE NURSING ASSISTANT

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

## International Baccalaureate Courses

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

| Language A Literature, SLIB (IB English 11) |  |  | 1 Credit |
| :--- | :--- | :---: | :---: |
| Course Code: 01007E10SL | Course Fee: Included in IB Fees |  |  |
| Prerequisite: Advanced English 10 |  |  |  |

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 Literature, HLIB (IB English 12)

| Course Code: 01007 E 10 HL | 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: $02140 E 10 H L$ | 1 Credit |
| :--- | :--- |
| Prerequisite: AP Calculus AB | Course Fee: Included in IB Fees |
| A | Coll |

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 $1^{\text {th }}$ grade)

| Course Code: 03057E10SL AND 03999G1000 | 2 Credits (1 science \& 1 elective) |
| :--- | :--- |

Prerequisite: Biology and Chemistry with lab $\quad$ Course Fee: Included in IB Fees

IB Biology is a one-year Higher Level course that fulfills the science requirement for the International Baccalaureate Diploma Programme (DP). The Biology HL \& SL courses will provide students with higherorder investigative experiences and activities to promote a deeper understanding of critical concepts in Biology. Such concepts will include basic biochemistry, cell structure and function, genetic patterns of inheritance, plant form and function, evolution, ecology, animal physiology and the international nature of science. It will emphasize the development of inquiry skills and higher-order thinking via experiential learning in both classroom and laboratory settings. IB Biology will include an internal assessment project that requires students to conduct an investigation in the field of biology research. It will also include a Group 4 (DP Science) collaborative project and an externally assessed IB exam at the end of the course. Both of these assessments will contribute to the student's IB grade and will count towards the earning of an IB Diploma.

| Bio, HL, IB \& Other SDE Life Sci Elect (12 ${ }^{\text {th }}$ grade) |  |
| :--- | :--- |
| Course Code: 03057E10HL AND 03999G1000 | 2 Credits (1 science \& 1 elective) |
| Prerequisite: Biology and Chemistry with lab | Course Fee: Included in IB Fees |
| IB Biology is a one-year Higher Level course that fulfills the science requirement for the International |  |
| Baccalaureate Diploma Programme (DP). The Biology HL \& SL courses will provide students with higher- |  |
| order investigative experiences and activities to promote a deeper understanding of critical concepts in |  |
| Biology. Such concepts will include basic biochemistry, cell structure and function, genetic patterns of |  |
| inheritance, plant form and function, evolution, ecology, animal physiology and the international nature |  |
| of science. It will emphasize the development of inquiry skills and higher-order thinking via experiential |  |
| learning in both classroom and laboratory settings. IB Biology will include an internal assesment 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. |  |

## Chemistry, SL, IB

| Course Code: 03107E10SL | 1 Credit |
| :--- | :--- |
| Prerequisite: Biology and Chemistry with lab | Course Fee: Included in IB Fees |
| A |  |

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 research paper. It is a very demanding course with an 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.

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


| History, SL, IB (11 th 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 <br> of its sources, methods and interpretations. The $11^{\text {th }}$-grade curriculum is a survey of American History, <br> and includes in-depth studies on World War II, The Cold War, and the Civil Rights Movement. This class <br> is required for juniors in the IB program. |  |


| History, HL, IB (12 ${ }^{\text {th }}$ 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 <br> history. This class will include in-depth studies of twentieth -century wars and authoritarian states. This <br> course will also include a study of conflict and intervention in the global community. This course, coupled <br> 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\} <br> to understanding behavior: the biological, cognitive and sociocultural approaches. Students study and <br> critically evaluate the knowledge, concepts, theories, and research that have developed the <br> understanding in these fields. The interaction of these approaches to studying psychology forms the basis <br> of a holistic and integrated approach to understanding mental processes and behavior as a complex, <br> dynamic phenomenon, allowing students to appreciate the diversity as well as the commonality between <br> their own behavior and that of others. This course is open to juniors and seniors. While this course is an <br> IB elective, it is open for students to take as a stand-alone course, and one does not have to be enrolled <br> in the IB Diploma Programme. |  |


| 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. While this course is an IB elective, |  |
| it is open for students to take as a stand-alone course, and one does not have to be enrolled in the IB |  |
| Diploma Programme. |  |


| 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 <br> in French literature is also stressed. Conversational topics focus on being able to interact with native <br> speakers in situations in a Francophone country. A balanced study of reading, writing, listening and <br> speaking prepares students for the AP French exam and/or for the IB Language B Standard exam. Texts <br> are " French in Action," Tresors du Temps and will be supplemented by a wide variety of other materials. <br> 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 prepares students to sit for the IB Spanish B SL exam. Students receive extensive practice in <br> listening, speaking, reading, and writing in Spanish. The textbook is Diverso Español B, which is designed <br> and published in Spain and teaches students from a global and intercultural context. Each unit is designed <br> around a different concept such as diversity, co-existence, well-being, etc. Students are required to take <br> the IB Spanish B SL exam in May. |  |


| Music, SL, IB | 1 Credit |
| :--- | :--- |
| Course Code: 05115E10SL | Exam Fee: Included in IB Fees |
| Prerequisite: None | A one credit course where students will study a variety of musical works spanning different styles, <br> historical periods and national origins. The main emphasis of this study will be from a historical, <br> analytical and theoretical view. The student will also be required to fulfill additional IB requirements <br> as required by the curriculum. A basic understanding of music or prior experience in a music <br> 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 |  |  | 1 Credit |
| :--- | :--- | :---: | :---: |
| Course Code: 05062E10SL | Course Fee: Included in IB Fees |  |  |
| Prerequisite: Theatre | A course combining advanced theatre students and IB students choosing theatre as their elective. The <br> course spans two years of instruction (1 credit per year) for the IB theatre student. The IB Diploma <br> Program gives students the opportunity to make theatre as creators, designers, directors, and <br> performers. It emphasizes the importance of working both individually and collaboratively as part of an <br> ensemble. It offers the opportunity to engage actively in the creative process, transforming ideas into <br> action as inquisitive and productive artists. Students learn to apply research and theory to inform and to <br> contextualize their work. The theatre course encourages students to appreciate that through the <br> processes of researching, creating, preparing, presenting, and critically reflecting on theatre - as <br> participants and audience members - they gain a richer understanding of themselves, their community, <br> and the world. All IB Theatre students are required to participate in the AHS Theatre productions <br> mounted during their time in the course. |  |  |


| 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. |  |

## Mathematics

| Geometry with Data Analysis (Required) |  |
| :---: | :---: |
| Course Code: 02073G1000 | 1 Credit |
| Prerequisite: Grade 8 Math | Course Fee: None |
| 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). |  |


| Algebra I with Probability (Required) |  |
| :--- | :--- |
| Course Code: 02052G1000 | 1 Credit |
| Prerequisite: Geometry with Data Analysis | Course Fee: None |
| 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. |  |


| Algebra II with Statistics (Required) |  |
| :--- | :--- |
| Course Code: 02056G1000 | 1 Credit |
| Prerequisite: Algebra I with Probability | Course Fee: None |
| 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. |  |


| Math Lab Elective for Algebra II with Statistics |  |
| :--- | :--- |
| Course Code: 02996G1000 | 1 Credit |
| Co-requisite: Algebra II with Statistics | Course Fee: None |

Students can receive extra support during this lab elective to review prior knowledge needed for upcoming lessons, reinforce content from previous lessons, or preview upcoming content. Students who have struggled with algebraic concepts in previous courses or anticipate needing extra support are encouraged to sign up for this lab course. This is an elective credit and cannot be counted as an additional math credit.

## Applications of Finite Mathematics

| Course Code: 02136G1000 | 1 Credit |
| :--- | :--- |
| Prerequisite: Algebra II with Statistics | Course Fee: None |

Topics include logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems, and then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use mathematical structures to represent real-world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision-making so that they recognize the power of mathematics in shaping society.

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


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


| PRECALC ALG \& TRIG (Dual Credit) |  |  | 1 Credit |
| :--- | :--- | :---: | :---: |
| Course Code: 02999C1004 | Course Fee: SUSCC Tuition |  |  |
| Prerequisite: Algebra II with Statistics | This is a one semester Pre-Calculus course taught at AHS. The course is a combination of Precalculus <br> Algebra and Precalculus Trigonometry. The course covers the following topics: the algebra of functions <br> (including polynomial, rational, exponential, and logarithmic functions), systems of equations and <br> inequalities, quadratic inequalities, and the binomial theorem, as well as the study of trigonometric <br> (circular functions) and inverse trigonometric functions and includes work with trigonometric identities <br> and trigonometric equations, vectors, complex numbers, DeMoivre's Theorem, functions, and polar <br> coordinates. This course may be taken by 11th or 12th grade students. Students will receive their AHS Pre- <br> Calculus credit and a Pre-Calculus with Algebra and Trigonometry (MTH 115) credit from Southern Union <br> with a score of 70 or above. SUSCC tuition fees apply. |  |  |

Computer Science Principles, AP

| Course Code: 10019E1000 | 1 Credit |
| :--- | :--- |
| Prerequisite: Geometry and Algebra I with Probability | 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: $10157 E 1000$ | 1 Credit |
| Prerequisite: Algebra Il with Statistics | 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. |  |

## Calculus

| Course Code: 02121G1000 | 1 Credit |
| :--- | :--- |
| Prerequisite: Precalculus | Optional Note Packet: \$20 |

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.

CALCULUS I (Dual Credit)

| Course Code: 02999C1005 | 1 Credit |
| :--- | :--- |


| Prerequisite: Precalculus | Course Fee: SUSCC Tuition |
| :--- | :--- |

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 $11^{\text {th }}$ or $12^{\text {th }}$ 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. SUSCC tuition fees apply.

| Calculus AB, AP |  |
| :--- | :--- |
| Course Code: 02124E1000 | 1 Credit |
| Prerequisite: Precalculus (not on ACCESS is recommended) or <br> Calculus | Exam Fee: $\$ 105$ |
| A course covering the equivalent of the first semester of college Calculus, using the AB Calculus <br> syllabus. The primary goal is the successful completion of the AP Exam. The AP Calculus AB Exam is <br> required and administered in May. |  |


| Calculus BC, AP | 1 Credit |
| :--- | :--- |
| Course Code: 02125E1000 | Exam Fee: $\$ 105$ |
| Prerequisite: AP Calculus AB | A course for students who have had Advanced Placement Calculus AB. This course is designed to <br> prepare for the Advanced Placement BC exam. The AP Calculus BC Exam is required and will be <br> administered in May. |


| Statistics, AP |  |
| :--- | :--- |
| Course Code: 02203E1000 | 1 Credit |
| Prerequisite: Algebra II with Statistics | 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 2024-2025 school year
Four math credits are required for graduation.
For placement questions, please contact the current or previous math teacher.


- Students may take Algebra with Finance, Finite Math, Probability and Statistics, or AP Statistics concurrently with or after Calculus/AP Calculus.
- All Level 4 courses may be taken at any time after passing Algebra Il with Statistics.
- AP Statistics and Precalculus are more rigorous courses than the other courses in Level 4.
- AP Computer Science Principles may be taken at any level after passing Algebra I with Probability.
- AP Computer Science A may be taken at any level after passing Algebra Il with Statistics.
- Precalculus on ACCESS is strongly discourged 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 SUSCC tuition fees.
**Students must be enrolled in the International Baccalaureate Program to take IB Maths.


## Performing Arts - Band

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

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

| Trad \& Emer Ens, Inst Cham Ens II / III / IV (Symphonic Band) |  |
| :--- | :--- |
| Course Code: 05106G10I2 / 05106G10A2 / 05106G10AH | 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 II / III / IV (Concert Band) |  |
| :--- | :--- |
| Course Code: 05102G1002 / 05102G1003 / 05102G10AH | 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, Orchestra II / III / IV (Wind Symphony) |  |
| :--- | :--- |
| Course Code: 05104G1002 / 05104G1003 / 05104G1004 | 1 Credit |
| Audition Required | Course Fee: $\$ 125$ |
| This course provides students with the opportunity for the performance of the most advanced music <br> written for the wind band. Mastery of advanced band skills is a prerequisite. Please see "After School <br> Rehearsals" for an explanation of the required after school rehearsal schedule for the marching and <br> concert band seasons. Participation is by audition, and membership consists of grades 10-12. This course <br> will satisfy the State of Alabama requirement for a fine art elective. $\mathbf{l}$ |  |


| Extracurricular (Auxiliary Ensemble) |  |
| :---: | :---: |
| Course Code: 22994X10AX | 1 Credit |
| Audition Required | Competitive Fees Apply |
| 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. |  |
| Trad \& Emer Ens, Jazz Ensemble II / III / IV (Jazz Band) |  |
| Course Code: 05105G1002 / 05105G1003 / 05105G1004 | 1 Credit |
| Audition Required | Course Fee: \$125 |
| This course currently operates as a traditional jazz-rock ensemble. Subject matter includes study and performance of both traditional and current forms of America's only native art form. Participation is open to all students who must also be enrolled in a concert class. Exceptions include students who only play piano or guitar and not a traditional band instrument. Membership consists of grades 10-12. This course will satisfy the State of Alabama requirement for a fine art elective. |  |

## Performing Arts - Choir

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 the property of Auburn High School. There will be additional fees for trips and competitions during the school year.

| Trad \& Emer Show Choir II / III / IV (Varsity Singers) |  |
| :--- | :--- |
| Course Code: 05121 G1002 / 05121G1003 / 05121G1004 | 1 Credit |
| Audition Required | Course Fee: \$500 |
| This coirl |  |

This course is a mixed ensemble open to any student. The course is designed for the more advanced choral student. The Varsity Singers perform a wide variety of literature and serve as a primary public relations organization for Auburn High School. Rehearsals are also conducted Monday evenings from 5:30-8:30 p.m. Participation in this group is through a singing and dancing audition.

| Trad \& Emer Women's II / III / IV (Élan) / Men's Chorus II / III /IV (Men at Work) |  |  |
| :--- | :--- | :---: |
| Course Code: 05111G10W2 / 05111G10W3 / 05111G10W4 <br> $05111 G 10 \mathrm{M} 2 / 05111 \mathrm{G10M3} / 05111 \mathrm{G10M4}$ | 1 Credit |  |
| Audition Required | Course Fee: \$500 |  |
| These courses are select choirs open to students and are designed for the more advanced choral student. <br> These groups perform a wide variety of literature and serve as a public relations organization for Auburn <br> High School. Rehearsals are also conducted on Tuesday evenings from 5:30-8:30 p.m. Participation in <br> this group is through a singing and dancing audition. |  |  |

## Performing Arts - Other Music Classes

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


| Harmonizing Instruments, Piano II |  |
| :--- | :--- |
| Course Code: $05107 \mathrm{G1002}$ | 1 Credit |
| Prerequisite: Piano 1 or Instructor approval | Course Fee: \$40 |

This is a more rigorous piano course covering piano technique, improvisation, classical music, and popular songs. Group instruction will include musical notation, ear training, and the application of music theory. This keyboard course is for students who can read music, have a background in piano, or have taken Pianol.

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


| Comp and Theory, Music Theory I | 1 Credit |
| :--- | :--- |
| Course Code: 05113G1001 | 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, <br> with some basic piano skills and playoff of other instruments. Students will want to have some music <br> background to join this course. |  |


| Music Tech, Elective 1 | 1 Credit |
| :--- | :--- |
| Course Code: 05149G10M1 | Course Fee: \$50 |
| Prerequisite: None | In this course, students will explore all avenues of music technology. This includes music production of <br> studio and live settings, creating tracks for movies, video games, and commercials. We will also be <br> exploring live sound, lighting, and production to prepare students for pursuing a career in music <br> 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, and improvisational accompaniment |  |
| on piano or other instruments. A basic understanding of music or prior experience in a music ensemble |  |
| is required. |  |

## Performing Arts - Theater

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

## Theatre, Technical Theatre Production

| Course Code: 05056G1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: None | Course Fee: None |

A course introducing students to the major elements and theory of theatrical production including, but not limited to back of house administration and organization; scenic, sound, lighting, and special effects design disciplines; basic design collaboration; implementation of various design elements; and an overview of current trends and technologies in these areas. Students will be responsible for all production aspects involved with the theatre and choral productions for the year. After school rehearsals are required during the fall and spring months.

## Theatre, Technical Theatre Production II

| Course Code: 05056G10T2 | 1 Credit |
| :--- | :--- |
| Prerequisite: Theatre Production | Course Fee: None |

This course is a continuation of Theatre Production. Students will be responsible for all production aspects involved in the theatre and choral productions for the year. After school rehearsals are required during the fall and spring months.

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

## Physical Education

| Beginning Kinesiology (Required) |  |
| :--- | :--- |
| Course Code: 08017G1000 | 1 Credit |
| Prerequisite: None | Course Fee: None |

A required course for all $9^{\text {th }}-12^{\text {th }}$ 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.

| 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 <br> will also work on various conditioning skills related to football. The weightlifting and conditioning skills <br> will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular <br> strength, body composition, and flexibility. |  |


| Varsity Basketball Team |  |
| :--- | :--- |
| Course Code: $22994 \times 10 B B$ | 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 <br> will also work on various conditioning skills related to basketball. The weightlifting and conditioning skills <br> will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular <br> strength, body composition, and flexibility. |  |


| Strength and Conditioning |  |
| :--- | :--- |
| Course Code: 08005G1000 | 1 Credit |
| Prerequisite: Beginning Kinesiology | Course Fee: None |
| A course aimed to strengthen and tone muscles and to guide athletes in the development of a training <br> program that would benefit them in sports and daily activities. It will include weightlifting and a variety <br> 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 |  |

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 <br> will also work on various conditioning skills related to baseball. The weightlifting and conditioning skills <br> will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular <br> strength, body composition, and flexibility. |  |


| Varsity Cheerleading |  |
| :--- | :--- |
| Course Code: $22994 \times 10 \mathrm{CH}$ | 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 Soccer Team | 1 Credit |
| :--- | :--- |
| Course Code: $22994 \times 10$ SC | Competitive Fees Apply |
| Prerequisite: Tryout required | The course is designed based on sound scientific principles to increase athletic performance, reduce <br> athletic injuries and, and to teach our athletes lifelong fitness and movement skills in a safe, fun <br> environment. |


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


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

## Precision Machining CTE Program

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

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

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


| Introduction to Precision Machining / INTRODUCTION TO MACHINING TECH |  |
| :--- | :--- |
| Course Code: $13203 G 1001 / 13249 C 1055$ | 1 Credit / 3 SUSCC Credits |
| Prerequisite: None | Course Fee: None |
| 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. |  |

## Introduction to Lathe / LATHES

| Course Code: $13204 G 1002$ / 13249C1005 | 1 Credit / 3 SUSCC Credits |
| :--- | :--- |
| Prerequisite: Introduction to Precision Machining | Course Fee: None |
| 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.


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


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

## Science

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

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

| Physical Science | 1 Credit |
| :--- | :--- |
| Course Code: 03159G1000 | Course Fee: None |
| Prerequisite: None | 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 |  |
| math and graphing skills. |  |


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


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


| Forensic Science \& Crime Sc Invest |  |
| :--- | :--- |
| Course Code: 15055 G 1000 | 1 Credit |
| Prerequisite: Biology and a Physical Science | Course Fee: $\$ 5$ |

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.

## Introduction to Biotechnology

| Course Code: 14252G1001 | 1 Credit |
| :--- | :--- |
| Prerequisite: A grade of C or better in Biology is strongly | Course Fee: None | recommended for success in the course.

A course providing an overview of principles of genetic transmission, molecular, and population genetics. A focus is provided on the organization, reproductive processes, and molecular biology of cells. The interaction of genes and their effects on mutation in populations and gene pools are also discussed. Students are provided with hands-on laboratory activities, technological research, and special projects that strengthen their understanding of the curriculum. This is one of the science courses that may be selected to get the Advanced Academic Endorsement. This course earns an additional 0.5 quality points of weighted credit.

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

## Physics

| Course Code: 03151G1000 | 1 Credit |
| :--- | :--- |
| Prerequisite: Biology and Algebra II with Statistics | Course Fee: None |
| A |  |

A course covering topics in classical mechanics, dynamics, fluids, waves, and electricity. This is one of the science courses that may be selected to get the Advanced Academic Endorsement. A grade of 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 0.5 quality points of weighted credit.

| Biology, AP and Other SDE LifeSci Elect |  |
| :--- | :--- |
| Course Code: 031056E1000 AND 03999G1000 | 2 Credits (1 science \& 1 elective) |
| Prerequisite: Biology and Chemistry with lab | Exam Fee: \$105 |
| A course in general, animal and plant biology equivalent to a college freshman course. Students must <br> have completed a previous high school biology course and have completed a chemistry course that <br> includes a lab program. The AP Biology Exam is required and will be administered in May. |  |


| Chemistry, AP and Other SDE Chem Elect |  |
| :--- | :--- |
| Course Code: 03106E1000 AND 03149G1000 | 2 Credits (1 science \& 1 elective) |
| Prerequisite: Chemistry with lab | Exam Fee: $\$ 105$ |


#### Abstract

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. Students must have a prerequisite of chemistry with a lab program. The AP Chemistry Exam is required and will be administered in May.


## COLLEGE CHEMISTRY I (Dual Credit)

| Course Code: 03999C1016 | 1 Credit/4 SUSCC Credits |
| :--- | :--- |
| Prerequisite: Completion of Pre-Calculus with a minimum of 20 <br> ACT Math subtest score OR completion of Algebra II with Trig <br> and a minimum of a 22 ACT Math subtest score. | Course Fee: None / SUSCC Tuition |

This course is designed for the science or engineering major who is expected to have a strong background in mathematics. Topics in this course include measurement, nomenclature, stoichiometry, atomic structure, equations and reactions, basic concepts of thermochemistry, chemical and physical properties, bonding, molecular structure, gas laws, kinetic molecular theory, condensed matter, and some descriptive chemistry topics. SUSCC tuition fees apply. This is the first course in a two-semester sequence. Upon completion of this course, students have the option to enroll in the second course, CHM 112 - College Chemistry II.

## COLLEGE CHEMISTRY II (Dual Credit)

| Course Code: 03999C1017 | 1 Credit/4 SUSCC Credits |
| :--- | :--- |
| Prerequisite: CHM 111 - College Chemistry I with a <br> minimum grade of 'C' | Course Fee: None / SUSCC Tuition |
| This |  |

This course is designed for the science or engineering student who is expected to have a strong background in mathematics. Topics in this course include chemical kinetics, chemical equilibria, acids and bases, ionic equilibria of weak electrolytes, solubility product principle, chemical thermodynamics, electrochemistry, oxidation-reduction, nuclear chemistry, an introduction to organic chemistry and biochemistry, atmospheric chemistry, and selected topics in descriptive chemistry including the metals, nonmetals, semimetals, coordination compounds, transition compounds, and post-transition compounds. SUSCC tuition fees apply. This is the second course in a two-semester sequence. This course can be taken by students who have previously taken CHM 111 - College Chemistry I.

| Chemistry |  |
| :--- | :--- |
| Course Code: 03101G1000 | 1 Credit |
| Prerequisite: Biology and Algebra II with Statistics | Course Fee: None |
| A course in basic inorganic chemistry. The core is an in-depth study of matter and energy. This is one of <br> the science courses that may be selected to get the Advanced Academic Endorsement. A grade of C or <br> better in Algebra II is recommended for success in this course because of the calculations required in the <br> curriculum. This course earns an additional .5 quality point of weighted credit. |  |


| Environmental Science, AP |  |
| :--- | :--- |
| Course Code: 03207E1000 | 1 Credit |
| Prerequisite: Biology; A grade of C or better in Biology is <br> strongly recommended for success in the course. | Exam Fee: $\$ 105$ |

AP Environmental Science is the equivalent of a one-semester, introductory college course in environmental science. AP Environmental Science is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. To ensure a complete and well-rounded experience, in addition to lab and classroom activities, the course includes an outdoor research component. The AP Environmental Science Exam is required and will be administered in May.

| AP Physics 1, Algebra-Based |  |
| :--- | :--- |
| Course Code: 03165E1000 | 1 Credit |
| Prerequisite: Geometry and Algebra II w/ Stats | Exam Fee: $\$ 105$ |
| AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as |  |
| Newtonian mechanics (including rotational motion); work, energy, and power; fluids. Through inquiry- |  |
| based learning, students will develop scientific critical thinking and reasoning skills. A grade of Cor 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. |  |

## AP Physics 2, Algebra-Based

| Course Code: 03166E1000 | 1 Credit |
| :--- | :--- |
| Prerequisite: Physics or AP Physics 1 AND Geometry and <br> Algebra II w/ Statistics | Exam Fee: $\$ 105$ |

AP Physics 2 is an algebra-based, introductory college-level physics course that explores principles of thermodynamics, electricity, magnetism, optics, and topics in modern physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A grade of 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.

| Physics C: Mechanics, AP |  |
| :--- | :--- |
| Course Code: 03164E1000 AND 03999G1001 | 1 Credit |
| Prerequisite: Calculus | Exam Fee: $\$ 105$ |
| 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. |  |

## Social Studies

| United States History I: Gr 10 |  |
| :--- | :--- |
| Course Code: 04102G1000 | 1 Credit |
| Prerequisite: Modern World History | Course Fee: None |

A required course for 10th-grade students that is a chronological survey of major events and issues: colonization, American Revolution, development of political system and distinct culture, slavery, reform movements, sectionalism, Civil War, Reconstruction, Alabama's history and geographic changes that have influenced aspects of life during and after events.

| 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 10 th |  |
| that ade with the understanding |  |
| that a student electing to take AP European History will either take AP or IB History of Americas I in the |  |
| $11^{\text {th }}$ 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 $11^{\text {th }}$-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 | .5 Credit |
| :--- | :--- |
| Course Code: 04201G0500 | Course Fee: None |
| Prerequisite: None | This is a required quarter (1/2 credit) course at the $12^{\text {th }}$-grade level in which students will explore the <br> workings and institutions of modern-day economic systems as well as economic theory. A particular focus <br> is placed on the American free enterprise system. Students will apply information gained from this course <br> to the analysis of current issues and problems in economic systems. |


| United States Government |  |
| :--- | :--- |
| Course Code: $04151 G 0500$ | .5 Credit |
| Prerequisite: None | Course Fee: None |
| This is a required course for 12th graders designed to build on students' previous studies of the structure |  |
| and functions of government, develop political perspectives, and cultivate understanding of civic virtues |  |
| and responsibilities in the United States. Selected topics include the constitutional foundations of the |  |
| American government, the unique roles of the executive, judicial, and legislative branches of |  |
| government, the separation of powers, federalism, and civil rights and liberties. |  |


| United States Gov and Politics, AP |  |
| :--- | :--- |
| Course Code: 04157E1000 | 1 Credit |
| Prerequisite: None | Exam Fee: $\$ 105$ |
| This course at the $12^{\text {th }}$-grade level is designed to give students an analytical perspective on government |  |
| and politics in the United States. The course involves both the study of general concepts used to interpret |  |
| American politics and the analysis of specific case studies. Topics covered include the constitutional |  |
| underpinnings of the U. S. government, political beliefs and behaviors, political parties and interest |  |
| groups, national policy and institutions, and civil rights and civil liberties. Extensive outside reading and |  |
| research are necessary for successful completion of the course. This course substitutes for American |  |
| Government. The AP Government Exam is required and will be administered in May. |  |


| 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 <br> think about the past. We will compare films from different eras, genres and cultures. Students will study <br> specific historical events in depth and compare historical fact to a film or films about the subject matter. <br> Students will learn to write critically and analytically about film. Students will be required to have a signed <br> parent permission form, as some movies may involve mature subject matter, such as realistic battle <br> 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 |

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

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


| Psychology, AP | 1 Credit |
| :--- | :--- |
| Course Code: 04256E1000 | Exam Fee: $\$ 105 ;$ Class Fee: $\$ 5$ |
| Prerequisite: None | A course designed to introduce students to the systematic and scientific study of the behavior and |
| mental processes of human beings and other animals. Students are exposed to the psychological facts, |  |
| principles, and phenomena associated with each of the major subfields within psychology. Students |  |
| also learn about the ethics and methods psychologists use in science and practice. Students taking this |  |
| course are required to take the AP Psychology Exam in May. |  |

## Student Instructional Aides

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


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


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

## Student Aide (Teacher Aide)

| Course Code: 22051 X1000 | No Credit |
| :--- | :--- |
| Prerequisite: $12^{\text {th }}$ grade only | Course Fee: None |
| Placement must be approved by teacher and counselor. |  |

## Student Aide (Administrative Office Aide and Counselor Aide)

| Course Code: 22051X1000 | No Credit |
| :--- | :--- |
| Prerequisite: Staff Recommendation Required | Course Fee: None |

Students may serve as an office assistant in the administrative office, counseling center, or another school site, etc. Tasks include professional career-related tasks under the supervision of a staff member. Students may assist with clerical duties, logistics for special programming/event setup, college representative visits, guest demonstrations, assisting with marketing for special events and other duties.

## Television Production CTE Program

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

| Introduction to Television Production |  |
| :--- | :--- |
| Course Code: 11051 G1015 | 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. First they will jump into the world of journalism and media where they will learn what it takes to be a news or sports reporter, how to anchor, write, use the tools of media, and prepare to engage in a everchanging world. Students will create commercials, public service announcements, infomercials, news reports, and short documentaries. Other projects will include short movies, investigative journalism, skits, horror short films and more. They will also learn about social media and what makes social networking popular. Their work will be distributed on a multimedia hub, YouTube, and on local access channels. 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 story-telling 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 <br> 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. Thus, their grade in the first level class will be taken into account.

| Advanced Television Production |  |  |
| :--- | :--- | :---: |
| Course Code: $11051 G 1055$ | 1 Credit |  |
| Prerequisite: Television Production Studio Operations | Course Fee: \$15 |  |
| Advanced Television Production is the highest-level Television Production class because in it students <br> create and broadcast television programming that airs to the community of Auburn and on YouTube. <br> The pace of this class is not as fast as Television Production - Studio Operations, and the instruction is <br> more about script writing, the art of video, and narrative film than it is about commercials and <br> advertising, though there will be some of this as well. Students will get instruction on the more <br> sophisticated aspects of the equipment and software than in other Television Production classes. This <br> is also the only Television Production class that doesn't operate as a team to produce one product; <br> rather, students produce their shows and only depend on the class to brainstorm ideas. Students who <br> have taken this course find that the most rewarding aspect of being a part of this class is how connected <br> it allows students to be with other people in the community they wouldn't otherwise know. They also <br> note how much they learn to work with others, especially adults and younger children, and how they <br> learn to network. Due to the autonomous nature of the course, student attendance and behavior will <br> be part of the student selection process. Thus, their grade in the first level class will be taken into <br> account. |  |  |

## 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 WorkKeys

## Cooperative Ed / WBL I-VI

Course Code: 22998G1014 $\quad$ 1-6 Credits

Prerequisite: Career Preparedness and one other CTE course $\quad$ 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 both paid and non-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 1st- 4th 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 | 1 Credit |
| :--- | :--- |
| Course Code: 24102G1000 | Course Fee: None |
| Prerequisite: None | This course introduces students to basic structures and vocabulary of the French language. Emphasis is <br> placed on developing proper pronunciation as well as listening and reading skills. The text Discovering <br> French is used along with CDs, workbooks, and supplementary films and reading materials. Cultural focus <br> is on French speaking countries, France and the city of Paris. |


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

## French 3

| Course Code: $24104 G 1000$ | 1 Credit |
| :--- | :--- |
| Prerequisite: French 2 | Course Fee: None |

Continuing in the same text, this one-credit course extends the students' ability to read, write, understand and speak simple passages and dialogues. Grammatical study includes multiple verb tenses and idiomatic expressions. The Francophone countries are examined in a cultural unit. This course earns an additional 0.5 quality points of weighted credit.

| French 4 |  |
| :--- | :--- |
| Course Code: $24105 \mathrm{G1000}$ | 1 Credit |
| Prerequisite: French 3 | Course Fee: None |

This course is an in-depth study of complex grammar and usage in addition to the advancement of reading, writing, and speaking skills directed toward real-life situations in the French language. Selected French writers and historical periods are included in cultural study. Several texts, tapes, CDs and videos in the areas of grammar, culture, and literature are used. The text Bravo! is used along with "French in Action". This course earns an additional 0.5 quality points of weighted credit.

| French Language and Culture, AP |  |
| :--- | :--- |
| Course Code: 24114 E 1000 | 1 Credit |
| Prerequisite: French 4 | Exam Fee: $\$ 105$ |
| This course begins with an intensive overview of French grammar. Development of reading competence <br> in French literature is also stressed. Conversational topics focus on being able to interact with native <br> speakers in situations in a Francophone country. A balanced study of reading, writing, listening, and <br> speaking prepares students for the AP French exam and/or for the IB Language B Standard exam. The <br> text Le Monde en français will be supplemented by a wide variety of other materials. Students are <br> required to take the AP French Exam in May. |  |


| German 1 |  |
| :--- | :--- |
| Course Code: 24252 G1000 | 1 Credit |
| Prerequisite: None | Course Fee: None |
| In the first course of German, students will learn to understand, speak, read and write basic German. <br> Students practice daily with listening exercises, working with a partner, and responding to directed <br> questions from the teacher. In addition, students will gain an understanding of German culture as well <br> 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: $24254 \mathrm{G1000}$ | 1 Credit |
| Prerequisite: German 2 | Course Fee: None |
| In this course, students will expand upon their knowledge of listening, reading, writing, and speaking. <br> Students will also gain a greater understanding of the German-speaking countries in Europe. This course <br> earns an additional 0.5 quality points of weighted credit. |  |


| German 4 |  |
| :--- | :--- |
| Course Code: $25255 G 1000$ | 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 <br> additional practice with content previously learned, and the students will learn to express their <br> experiences, thoughts, and emotions. Students will continue to develop competence in reading, writing, <br> listening, and speaking. In addition, reading selections and listening practice from other sources are <br> introduced so that students can develop a continued appreciation for German literature and can become <br> better acquainted with Germanic cultures. This course earns an additional 0.5 quality points of weighted <br> 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: $24299 G 1000$ | 1 Credit |
| Prerequisite: None | Course Fee: None |

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.

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 |
| This course introduces basic level Spanish using research-based strategies and a variety of resources, <br> including the textbook and supplemental materials, to promote language acquisition. The instructional <br> activities are comprised of listening comprehension, speaking, reading, writing, grammar, and Hispanic <br> culture. Students are presented with basic vocabulary themes used in everyday communication in the <br> present tense. |  |


| Spanish 2 |  |
| :--- | :--- |
| Course Code: 24053G1000 | 1 Credit |
| Prerequisite: Spanish 1 | Course Fee: None |

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.

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


| Spanish 4 |  |
| :--- | :--- |
| Course Code: 24055G1000 | 1 Credit |
| Prerequisite: Spanish 3 | Course Fee: None |

This one credit course is designed to help the student become confident enough to use Spanish for communication in real life situations. Texts are supplemented by a variety of culturally authentic materials. Reading selections and culture studies are included which help students develop an appreciation of Hispanic literature and cultures. This course earns an additional 0.5 quality points of weighted credit.

| Spanish Language, AP |  |
| :--- | :--- |
| Course Code: 24064E1000 | 1 Credit |
| Prerequisite: Spanish 4 | Exam Fee: \$105 |
| This one credit course prepares students to sit for the Advanced Placement exam. Students |  |
| receive extensive practice in listening, speaking, reading, and writing in Spanish. The textbook is |  |
| Diverso Español B, which is designed and published in Spain and teaches students from a global |  |
| and intercultural context. Each unit is designed around a different concept such as diversity, co- |  |
| existence, well-being, etc. Students are required to take the AP Spanish exam in May. |  |

## Spanish Elective (Masterpieces of Cinema)

| Course Code: 24099E1000 | 1 Credit |
| :--- | :--- |
| Prerequisite: Spanish 2 | Course Fee: None |

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 Spanishspeaking directors, their styles, and influences. All films are shown with English subtitles and discussions are held in English.

## Spanish Elective (Career \& Community) - 9 Weeks Course

| Course Code: 24099E1001 | $1 / 2$ Credit |
| :--- | :--- |
| Prerequisite: Spanish 2 | Course Fee: None |

In this course, students will enhance their Spanish language skills while learning how their language abilities will benefit them in their future careers and in the community. Assignments and projects will primarily be done in Spanish. This course includes online research, teacher led skill-based lessons, guest speakers and interaction with our surrounding community. This optional Spanish elective may be taken at any point after a student has passed Spanish 2.

| Spanish Elective (Conversation \& Digital Communications) - 9 Weeks Course |  |
| :--- | :--- |
| Course Code: 24099E1002 | $1 / 2$ Credit |
| Prerequisite: Spanish 2 | Course Fee: None |
| In this course, students will enhance their interpersonal communication skills in Spanish by focusing on |  |
| specific weekly themes relevant to their lives. Conversation practice will be done in pairs, small groups, |  |
| and as a whole class. Written communication skill development will focus on modern digital applications |  |
| such as e-mail and messaging. The Spanish Conversation and Digital Communication course will include |  |
| opportunities to interact with Spanish-speakers from our community and beyond. This optional Spanish |  |
| elective may be taken at any point after a student has passed Spanish2. |  |

## Dual Credit/Dual Enrollment

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.

- Auburn First
- SUSCC
- UA Early College

Dual credit allows students to apply their college level work to both their high school curriculum and their college curriculum, earning credits at both institutions. Dual enrollment refers to students taking college courses while still enrolled in high school, but only earning college credit for the course. Students may take any of the courses linked here: https://www.suscc.edu/content/userfiles/files/de-high-equiv.pdf. AHS is excited to offer these opportunities to our $11^{\text {th }}$ and $12^{\text {th }}$ grade students. You will find the list of courses and the steps for enrollment for each program on their website and on the counseling page of the AHS website. 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. Upon request, 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 below to determine what works best for your student. Students who sign up for virtual dual enrollment courses will not be able to take those on AHS campus. Students must have transportation available during the school day to leave the AHS campus for virtual dual enrollment courses. Students will not be allowed to remain on AHS campus during the period designated for the dual enrollment course.

More information on Dual Enrolment/Credit at AHS can be found on our website here: AHS Dual Enrollment Packet

## Most Requested Dual Credit Courses by College

| Title of Dual Credit Course | Auburn Univ. | U of Alabama | SUSCC |
| :---: | :---: | :---: | :---: |
| ENGLISH |  |  |  |
| 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 |  |
| MATH |  |  |  |
| 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 |
| SCIENCE |  |  |  |
| 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 |  |  |
| Chemistry |  |  | CHM 111 |
| SOCIAL STUDIES |  |  |  |
| 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 | SOCl 1003 | SOC 101 | SOC 200 |
| Principles of Microeconomics | ECON 2023 | EC 110 |  |
| Principles of Macroeconomics |  | EC 111 |  |
| WORLD LANGUAGES |  |  |  |
| 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 Course to Take | Automotive Service Technology <br> AUM 101 - Fundamentals of Automotive Technology |
| :---: | :---: |
| 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. Job growth of 17\% expected from 2010-2020 Median annual wage - $\$ 35,790$ |
| SUSCC Program Course to Take | Air Conditioning and Refrigeration ASC 111 - Refrigeration Principles |
| 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. Job growth of $34 \%$ expected from 2010-2020 <br> Median annual wage - $\$ 42,530$ or $\$ 20.42$ per hour |
| SUSCC Program Course to Take | Engineering Graphics and Design DDT 104 - Basic Computer Aided Drafting |
| Program Information | Short Term Certificate - 24 hours Associate in Applied Science - 76 hours |
| Career Information | Use computer software to convert designs into technical drawings. Job growth of 6\% expected from 2010-2020 <br> Median annual wage - $\$ 47,880$ |
| SUSCC Program Course to Take | Robotics and Automated Controls <br> ILT 106/INT 120 - Concepts of Direct Current or <br> ILT 107/INT 122 - Concepts of Alternating Current |
| Program Information | CR - 28 hours |
| SUSCC Program Course to Take | Industrial Electricity/Electronics Technology ILT 106/INT 120 - Concepts of Direct Current or ILT 107/INT 122 - Concepts of Alternating Current |
| Program Information | Short Term Certificate - 23 hours Associate in Applied Science - 76 hours |
| Career Information | Install, operate, and repair electrical equipment used in manufacturing. Job growth of 3\% expected from 2010-2020 <br> Median annual wage - \$49,170 |


| SUSCC Program Course to Take | Manufacturing Technology <br> ILT 106/INT 120 - Concepts of Direct Current or <br> ILT 107/INT 122 - Concepts of Alternating Current |
| :---: | :---: |
| 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. Job growth of 19-22\% expected from 2010-2020 Median annual wage - $\$ 45,420$ |
| SUSCC Program Course to Take | Machine Shop Technology MSP 101 - Basic Machining Technology |
| 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 Job growth is expected to be excellent from 2010-2020 <br> Median wage - \$18-\$33 per hour (Depending on skill level) |
| SUSCC Program Course to Take | Welding Technology WDT 108 - SMAW Fillet/OFC |
| 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 Course to Take | Plastics Injection Molding Technology <br> AUT 130 - Principles of Industrial Hydraulics and Pneumatics |
| Program Information | Short Term Certificate - 29 hours |



## DIPLOMA REQUIREMENTS

## Academic Endorsements

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

Auburn High School Career and Technical Endorsement
Career Technical Education 3 credits

Sequenced program of courses

## Auburn High School Advanced Academic Endorsement

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

## Auburn High School Advanced Career and Technical Endorsement

Mathematics 4 credits
Must include Algebra II w/Trig (2023) or Algebra II w/Stats and at least one additional higher math
Science 4 credits

Must include Biology, a physical science (Physical Science, Chemistry, or Physics) and at least two of the following: Chemistry, Physics, Anatomy, Intro to Biotechnology, IB/AP Biology, IB/AP Chemistry, AP Physics 1, AP Physics 2, or AP Environmental Science
Career Technical Education 3 credits
Sequenced program of courses

[^0]
## 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 preplanning; 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:

| $9^{\text {th }}$ Grade | Beginning Kinesiology and Career Preparedness |
| :--- | :--- |
| $10^{\text {th }}-12^{\text {th }}$ | Health $(1 / 2$ credit $)$ and Fine Arts ( $1 / 2$ credit - optional) |
| Grades |  |

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

| $9^{\text {th }}$ Grade | Advanced English 9 |
| :--- | :--- |
| $10^{\text {th }}$ Grade | Advanced English 10 |
| $11^{\text {th }}$ Grade | IB English SL |
| $12^{\text {th }}$ Grade | IB English HL |

## GROUP 2: Language acquisition (SL)

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

| $8^{\text {th }}$ Grade | I |  |  |
| :--- | :--- | :--- | :--- |
| $9^{\text {th }}$ Grade | II | I |  |
| $10^{\text {th }}$ Grade | III | II \& III | I |
| $11^{\text {th }}$ Grade | IV | IV | II \&II |
| $12^{\text {th }}$ Grade | V | V | IV (Ab Initio) |

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

## GROUP 3: Individuals and societies (SL)

| $9^{\text {th }}$ Grade | World History |
| :--- | :--- |
| $10^{\text {th }}$ Grade | AP European History or US History 10 |
| $11^{\text {th }}$ Grade | IB History SL |
| $12^{\text {th }}$ Grade | IB History HL |
| Electives | IB Economics may be taken as a $6^{\text {th }}$ 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 |
| :--- | :--- | :--- |
| $9^{\text {th }}$ Grade | Advanced Biology | Advanced Biology |

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

## GROUP 5: Mathematics

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

| Analysis and Approaches, |  | HL |
| :--- | :--- | :--- |
| $8^{\text {th }}$ | Grade 8 Advanced Math | Grade 8 Advanced Math |
| $9^{\text {th }}$ | Geometry with Data Analysis | Geometry with Data Analysis and Algebra II <br> with Statistics |
| $10^{\text {th }}$ | Algebra II with Statistics and Precalculus | Precalculus |
| $11^{\text {th }}$ | AP Calculus AB | AP Calculus AB |
| $12^{\text {th }}$ | Analysis and Approaches HL | Analysis and Approaches HL |


| $\quad$ Analysis and Approaches, SL |  |  |
| :--- | :--- | :--- |
| $8^{\text {th }}$ | Grade 8 Advanced Math | Regular 8 ${ }^{\text {th }}$ grade math |
| $9^{\text {th }}$ | Geometry with Data Analysis | Geometry with Data Analysis |
| $10^{\text {th }}$ | Algebra II with Statistics and Precalculus | Algebra I with Probability and Algebra II <br> with Statistics |
| $11^{\text {th }}$ | Term Calculus or AP Calculus AB | Precalculus and Term Calculus |
| $12^{\text {th }}$ | Analysis and Approaches SL | Analysis and Approaches SL |


| Applications and Interpretations, SL |  |  |
| :--- | :--- | :--- |
| $8^{\text {th }}$ | Grade 8 Advanced Math | Regular 8 |
| $9^{\text {th }}$ grade math |  |  |
| $10^{\text {th }}$ | Geometry with Data Analysis | Algebra II with Statistics | | Geometry with Data Analysis |
| :--- |
| $11^{\text {th }}$ |
| $12^{\text {th }}$ | Precalculus | Applications I Statistics Probability and Algebra II |
| :--- |

*AP Calculus BC may also be taken $12{ }^{\text {th }}$ 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) $11^{\text {th }}$ or $12^{\text {th }}$
- IB World Religions
- IB Economics SL: $11^{\text {th }}$ or $12^{\text {th }}$
- IB Music SL: $11^{\text {th }}$ or $12^{\text {th }}$
- IB Theatre SL: $11^{\text {th }}$ or $12^{\text {th }}$
- IB Psychology SL: $11^{\text {th }}$ or $12^{\text {th }}$
- 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) | Geometry with Data Analysis |
| Algebra 1 with Probability | Geometry A (.5 maximum credit) |
| Algebra 1 with Finance | Geometry B (.5 maximum credit) |
| Algebra 2 with Statistics | IB Higher Level Math |
| Applications of Finite Mathematics | IB Standard Level Math |
| Calculus | Pre-Calculus (DC) |
| Advanced Calculus (AP/DC) | Pre-Calculus Algebra and Trigonometry |
| Calculus AB/AP | Probability and Statistics |
| Calculus BC/AP | 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 $5(\mathrm{AP} / \mathrm{IB})$ | German $5(\mathrm{AP} / \mathrm{B})$ | Spanish $5(\mathrm{AP} / \mathrm{IB})$ |


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

Dr. Shannon Pignato
Principal
Dr. Silvia Scaife
Career Technical Education Director

Mr. Dan Norton
Athletic Director

Mr. Alfonzo Frazier
Assistant Principal, Students A - E
Parking and Safety
Mr. Chris Hames
Assistant Principal, Students F - K
Dual Enrollment Coordinator Student Services Coordinator (RTI, 504, Counseling)

Mr. Jamie Rice
Assistant Principal, Students L-R
Facilities Coordinator

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

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

Mr. Bill Bailey
Career Coach
(334) 887-0059

Mrs. Audrey Marshall
Work Based Learning Coordinator
(334) 887-0058

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 the Special Education Coordinator at Auburn City Schools, P.O. Box 3270, Auburn, AL 36831-3270, (334) 887-2100.

Any person having inquiries concerning Auburn City School District's compliance with the regulations implementing Title IX is directed to contact: Wes Gordon, Assistant Superintendent at Auburn City Schools, P.O. Box 3270, Auburn, AL 36831-2100, (334) 8872100.


[^0]:    *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).

