

# Auburn High School Course Description Guide



2015-2016  
Auburn, AL



# AUBURN HIGH SCHOOL

405 South Dean Road  
Auburn, AL 36380

Classes of 2016, 2017, 2018

## Planning and Policies

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Auburn High School is committed to providing all students with the foundation needed for success in the future. Regardless of what your plans are, you will need a solid high school education and a realistic career plan. In most cases, you will need to consider continuing your education beyond high school. The time to begin thinking and preparing for your future career is now. Auburn High School provides an opportunity for students to achieve their maximum potential and go as far as their initiative, hard work and motivation will carry them. Auburn High School offers a broad range of courses that challenge students. All students are strongly encouraged to engage in a rigorous curriculum.

In order to emphasize the importance of career planning, we would like students to seriously consider selecting courses within one of the Career Clusters below that will complement their academic experience:

1. Agriculture, Food and Natural Resources (AgriConstruction and Aquacultures)
2. Arts, Audio/Visual Technology, and Communications (Advertising Design)
3. Business, Management and Administration
4. Finance
5. Government and Public Administration (JROTC)
6. Health Science
7. Hospitality and Tourism (Restaurant, Food and Beverage Services)
8. Manufacturing (Industrial Systems and Maintenance, Precision Machining)
9. Marketing (Marketing and Cooperative Education)
10. Science, Technology, Engineering and Mathematics (Engineering).

Within each cluster students will choose a pathway and program. Each program consists of course sequences that may be completed along with suggested supporting courses to help you select the best classes for the foundation, knowledge, and skills related to your career goals. Course requirements, prerequisites, and fees are listed, if applicable.

## Terminology

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The Auburn High School day is divided into four blocks. During each block, students take either one semester block class, two, 9 week quarter classes, or two alternating day classes for a total of eight credits/units a year. Some of the terminology associated with Auburn High's block schedule includes:

- 1) Term Course – a course that meets for 18 weeks and students earn one credit.
- 2) Quarter Course – a course that meets for 9 weeks and students earn one-half credit.
- 3) Semester Block Course – a term or quarter course that meets every day.
- 4) Alternating Day Course – a course that meets every other day.
- 5) The Combo Plan – combination of block courses and alternating day courses. Students must sign up for 8 credits a year.
- 6) Length of School Day- The day is divided into four 96-minute periods. Third period is 30 minutes longer to allow for lunch.
- 7) Zero Period – a course that meets for 36 weeks and students earn one credit at the beginning of the school day before the regular school day starts
- 8) Advanced Placement (AP) courses are college level classes. Students may receive college credit based on the AP exam score.

- 9) The International Baccalaureate (IB) curriculum is a challenging curriculum of college level classes with internationally standardized examinations for highly-motivated juniors and seniors. Students may receive college credit based on their IB Exam scores.
- 10) Pre-IB courses – Rigorous courses offered to sophomore students planning to enter either the IB or AP program. Pre-IB courses do not earn weighted credit.
- 11) Pre-AP courses – Rigorous courses offered to prepare students for Advanced Placement Courses. Pre-AP courses do not earn weighted credit.

(Note: Pre-IB and Pre-AP courses are designations used by Auburn City Schools and are not authorized by the International Baccalaureate Organization or the College Board.)

- 12) HL – This stands for higher level and refers to an IB subject sequence that is completed in one year.
- 13) SL – This stands for standard level and refers to an IB course that is completed in one year.
- 14) Endorsement – Advanced Academic, Advanced Career and Technical, and Career and Technical options designed to enhance the Auburn High School diploma.
- 15) Weighted credit – AP and IB courses earn one additional quality point which is calculated into the GPA. Students must take the AP/IB exams to obtain weighted credit.



## Graduation Requirements

### Classes of 2016, 2017, 2018

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

- 1) All students enrolled at Auburn High School must be pursuing a diploma.
- 2) Each student is expected to take a minimum of four core courses per year.
- 3) Students taking Algebra in the 8<sup>th</sup> grade, who successfully complete the course, will earn one mathematics elective credit towards graduation.
- 4) For students taking Algebra in the 8<sup>th</sup> grade, **four additional mathematics credits must be earned in grades 9 through 12.**
- 5) Students taking a world language in the 8<sup>th</sup> grade, who successfully complete the course, will earn one world language credit towards graduation.
- 6) All students will have an online experience. An online experience, according to the Alabama State Department of Education, is defined as a structured learning environment that utilizes technology—consistently and regularly—with Intranet/Internet-based tools and resources as the delivery method for instruction, research, assessment, and communication.
- 7) Students who take Business Technology Applications in the 8<sup>th</sup> grade and successfully complete the course will earn ½ unit of credit towards graduation and waive the state requirement for computer applications (2016 graduates). The 2017 graduates and beyond must take the Career Preparedness course.
- 8) No credit towards graduation will be given for courses taken prior to the 8<sup>th</sup> grade.
- 9) Grades earned prior to the 9<sup>th</sup> grade year will not be calculated into the high school Grade Point Average (GPA).
- 10) The requirements for graduation are outlined on the following pages.

**Auburn High School Core Curriculum**  
**26 Credits Required for the Graduating Class of 2016**



**English..... 5 credits**

- English 9 (2 credit class)
- English 10
- English 11
- English 12

**Mathematics ..... 4 credits**

**The four credits must include Algebra I or Algebra IA and Algebra IB, Geometry and Algebra II.**

Math Course Offerings:

- |                           |                             |                        |
|---------------------------|-----------------------------|------------------------|
| Algebra 1 A               | Algebra II with Trig        | AP Statistics          |
| Algebra 1 B               | Pre-Calculus                | AP Calculus AB         |
| Geometry                  | Probability and Statistics  | AP Calculus BC         |
| Algebraic Connections     | Discrete Mathematics        | IB Standard Level Math |
| Algebra II (Seniors Only) | Calculus                    | IB Higher Level Math   |
|                           | Computer Science Principles |                        |

**Science ..... 4 credits**

**Must complete Biology and a Physical Science and two other Science courses:**

- |           |                      |                       |                             |
|-----------|----------------------|-----------------------|-----------------------------|
| Chemistry | Earth Science        | Forensic Science      | IB/AP Biology (2 credits)   |
| Physics   | Anatomy & Physiology | Genetics              | IB/AP Chemistry (2 credits) |
|           |                      | Environmental Science |                             |

**Social Studies..... 4 credits**

- 9<sup>th</sup>: World History & Geography Since 1500
  - 10<sup>th</sup>: U.S. History & Geography to 1877 OR AP European History
  - 11<sup>th</sup>: U.S. History & Geography since 1877 OR AP U.S. History
  - 12<sup>th</sup>: American Government & Principles of Economics (Regular or AP)
- NOTE: Students who take AP European History in 10<sup>th</sup> grade and do not take AP U.S. History in 11<sup>th</sup> grade, must take 10<sup>th</sup> grade U.S. History AND 11<sup>th</sup> grade U.S. History during their junior year.**

**Physical Education ..... 1 credit**

**Health..... 1/2 credit**

**Business Technology Applications..... 1 credit**

**Fine Arts Elective.....1/2 credit**

**Electives ..... 6 credits**

**Total..... 26 credits**

# Auburn High School Core Curriculum

## 26 Credits Required for the Graduating Classes of 2017 & 2018

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<b>English</b> .....	<b>4 credits</b>
English 9	
English 10	
English 11	
English 12	
<b>Mathematics</b> .....	<b>4 credits</b>
<b>The four credits must include Algebra I or Algebra IA and Algebra IB, Geometry and Algebra II.</b>	
<u>Math Course Offerings:</u>	
Algebra 1 A	Algebra II with Trig
Algebra 1 B	Discrete Mathematics
Geometry	Pre-Calculus
Algebraic Connections	Probability and Statistics
Algebra II (Seniors Only)	Calculus
	Computer Science Principles
AP Calculus AB	
AP Calculus BC	
IB Standard Level Math	
IB Higher Level Math	
AP Statistics	
<b>Science</b> .....	<b>4 credits</b>
<b>Must complete Biology and a Physical Science and two other Science courses:</b>	
Chemistry	Earth Science
Physics	Anatomy & Physiology
	Forensic Science
	Genetics
	Environmental Science
IB/AP Biology	
IB/AP Chemistry	
<b>Social Studies</b> .....	<b>4 credits</b>
9 <sup>th</sup> : World History & Geography Since 1500	
10 <sup>th</sup> : U.S. History & Geography to 1877 OR AP European History	
11 <sup>th</sup> : U.S. History & Geography since 1877 OR AP U.S. History	
12 <sup>th</sup> : American Government & Principles of Economics (Regular or AP)	
<b>NOTE: Students who take AP European History in 10<sup>th</sup> grade and do not take AP U.S. History in 11<sup>th</sup> grade, must take 10<sup>th</sup> grade U.S. History AND 11<sup>th</sup> grade U.S. History during their junior year.</b>	
<b>Physical Education</b> .....	<b>1 credit</b>
<b>Health</b> .....	<b>1/2 credit</b>
<b>Career Preparedness</b> .....	<b>1 credit</b>
<b>Fine Arts, Career Tech, or World Languages Electives</b> .....	<b>3 credits</b>
<b>Electives</b> .....	<b>4 1/2 credits</b>
<b>Total</b> .....	<b>26 credits</b>

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## Endorsements (Class of 2016)

Students may enhance their Auburn High School academic experience by pursuing three additional Endorsements: (1) Career and Technical, (2) Advanced Academic or (3) Advanced Career and Technical. Following successful completion of the Endorsement requirements, graduates will receive an official designation stamped 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. The requirements for each are listed below:

### Auburn High School Career and Technical Endorsement

English (Class of 2016 must have 5 credits)	4 credits
Mathematics – must include Algebra I and Geometry and two additional math credits	4 credits
Science – must include Biology, a Physical Science and two additional science credits	4 credits
Social Studies	4 credits
Physical Education	1 credit
Health Education	½ credit
Fine Arts	½ credit
Business Technology Applications or Career Preparedness	1 credit
Career/Technical Education (Sequenced program of courses)	3 credits
Electives	3 credits

### Auburn High School Advanced Academic Endorsement

English (Class of 2016 must have 5 credits)	4 credits
Mathematics -must include Algebra II w/Trig and at least one additional higher level math	4 credits
Science – Must include Biology, a physical science and at least two of the following: Chemistry, Physics, Anatomy, Genetics, IB/AP Biology or IB/AP Chemistry	4 credits
Social Studies	4 credits
Physical Education	1 credit
Health Education	½ credit
Fine Arts	½ credit
Business Technology Applications or Career Preparedness	1 credit
World Language - same language, one credit may be earned in 8 <sup>th</sup> grade	2 credits
Electives	4 credits

### Auburn High School Advanced Career and Technical Endorsement

English (Class of 2016 must have 5 credits)	4 credits
Mathematics - must include Algebra II w/Trig and at least one additional higher math	4 credits
Science - Must include Biology, a physical science and at least two of the following: Chemistry, Physics, Anatomy, Genetics, IB/AP Biology or IB/AP Chemistry	4 credits
Social Studies	4 credits
Physical Education	1 credit
Health Education	½ credit
Fine Arts	½ credit
Business Technology Applications or Career Preparedness	1 credit
Career/Technical Education (Sequenced program of courses)	3 credits
Electives	3 credits

#### Career Technical and Education Programs:

Advertising Design	Health Science
AgriConstruction	Industrial Systems and Maintenance
Aquaculture	JROTC (Army)
Business Management & Administration	Marketing
Engineering	Precision Machining
Finance	Restaurant, Food and Beverage Service

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



## Endorsements (Classes of 2017 and beyond)

Students may enhance their Auburn High School academic experience by pursuing three additional Endorsements: (1) Career and Technical, (2) Advanced Academic or (3) Advanced Career and Technical. Following successful completion of the Endorsement requirements, graduates will receive an official designation stamped on their transcript. This designation will serve as verification of their completion of additional or advanced high school coursework. All students are highly encouraged to pursue this additional challenge. To obtain an endorsement, students must fulfill the diploma requirements for their graduating class and the additional requirements listed below:

### Auburn High School Career and Technical Endorsement

Career/Technical Education (Sequenced program of courses)	3 credits
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### Auburn High School Advanced Academic Endorsement

Mathematics -must include Algebra II w/Trig and at least one additional higher level math	4 credits
Science – Must include Biology, a physical science and at least two of the following: Chemistry, Physics, Anatomy, Genetics, IB/AP Biology or IB/AP Chemistry	4 credits
World Language - same language, one credit may be earned in 8 <sup>th</sup> grade	2 credits
Electives	4 credits

### Auburn High School Advanced Career and Technical Endorsement

Mathematics - must include Algebra II w/Trig and at least one additional higher math	4 credits
Science - Must include Biology, a physical science and at least two of the following: Chemistry, Physics, Anatomy, Genetics, IB/AP Biology or IB/AP Chemistry	4 credits
Career/Technical Education (Sequenced program of courses)	3 credits
Electives	3 credits

### Career Technical and Education Programs:

Advertising Design	Health Science
AgriConstruction	Industrial Systems and Maintenance
Aquaculture	JROTC (Army)
Business Management & Administration	Marketing
Engineering	Precision Machining
Finance	Restaurant, Food and Beverage Service

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



## Special Education (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.

## International Baccalaureate (IB) Curriculum

All IB diploma candidates are required to complete one subject from each of six groups. At least three but not more than four of the six subjects are taken at the Higher Level (HL); the others are taken at the Standard Level (SL). Each required subject is graded on a scale of 1 (minimum) to 7 (maximum). The awarding of the IB Diploma requires a minimum of 24 total points on the IB exams and the completion of three additional requirements: the Extended Essay, an independent research paper; a course entitled Theory of Knowledge (TOK), which explores the relationship among various disciplines and ensures that students engage in critical reflection and analysis of the knowledge required within and beyond the classroom, and 150 hours of Creativity, Action, and Service (CAS), extracurricular and community service 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 \$800.00. 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 Fine Arts credit, P.E. credit, Health credit, and Computer Application (Career Preparedness) credit prior to their junior year.

### Language A: English (HL)

Pre AP/Pre IB 9 and 10

IB English 11

IB English 12

### Language B: French, German, or Spanish (SL)

#### Recommended Sequencing:

(Subject to fluctuation based on scheduling availability)

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

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

### Social Studies (HL)

9 <sup>th</sup> Grade	World History
10 <sup>th</sup> Grade	AP European History or US History 10
11 <sup>th</sup> Grade	IB History Of Americas I
12 <sup>th</sup> Grade	IB History of Americas II
11 <sup>th</sup> or 12 <sup>th</sup> Grade	IB Economics may be taken as 6 <sup>th</sup> area IB elective (when offered)
12 <sup>th</sup> Grade	Government and/or Economics may be taken as an AHS elective



**Experimental Sciences: Select one option (SL or HL)**

	<b>Biology</b>	<b>OR</b>	<b>Chemistry</b>
9 <sup>th</sup> Grade	Biology		Biology
10 <sup>th</sup> Grade	Physical Science/Anatomy or Chemistry (Chemistry is suggested)		Physical Science/Chemistry or Physics (Chemistry is suggested)
10 <sup>th</sup> or 11 <sup>th</sup> Grade	*Chemistry/Anatomy or Physics		*Chemistry or Physics
11 <sup>th</sup> Grade	IB/AP Biology (4 quarters)		IB/AP Chemistry (4 quarters)
12 <sup>th</sup> Grade	IB/AP Biology (4 quarters)		IB/AP Chemistry(4 quarters)

\*Chemistry is a prerequisite for IB/AP Biology and IB/AP Chemistry. If chemistry is completed in the 10<sup>th</sup> grade, IB/AP Biology or IB/AP Chemistry can be taken in the 11<sup>th</sup> grade at the SL level and can be counted as either an elective credit or science credit for the IB Diploma. If a student chooses to take one of the IB/AP Sciences in the 11<sup>th</sup> grade at the SL level, they can take the other IB/AP Science in the 12<sup>th</sup> grade either as their 6<sup>th</sup> area IB elective or as their science credit for the IB Diploma at the HL level. Please note: Algebra II w/Trig is a prerequisite for chemistry.

**Suggested Core Science Elective: Physics****Mathematics: Select one option****(It is recommended that students take Algebra I in the 8th grade)****Standard Level Math (SL)**

Algebra I  
 Geometry w/Proofs (or Geometry)  
 Algebra II with Trig  
 Precalculus  
 Calculus (Term or AP)  
 IB Standard Level Math – 12<sup>th</sup> Grade

or

**Higher Level Math (HL)**

Algebra I  
 Geometry w/Proofs  
 Algebra II with Trig  
 Precalculus  
 AP Calculus AB – 11<sup>th</sup> Grade  
 IB Higher Level Math – 12<sup>th</sup> Grade  
 (Note): HL students may elect to take AP Calculus BC (alternating day w/IB HL Math) during 12<sup>th</sup> grade.

**Sixth Area- Electives: (Choose one option)**

- **IB Visual Art:** Prerequisite - Studio in Art
- **IB Art:** Studio Work and Research Notebook - (SL) 11<sup>th</sup> or 12<sup>th</sup>
- **IB Economics SL:** 11<sup>th</sup> or 12<sup>th</sup>
- **IB Music SL:** 11<sup>th</sup> or 12<sup>th</sup>
- **IB Theatre SL:** 11<sup>th</sup> and 12<sup>th</sup>
- **IB Psychology SL:** 11<sup>th</sup> and 12<sup>th</sup>
- **A second science or world language**

**Additional IB requirements:****230095 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.

**Creativity, Action and Service (CAS) - 150 hours minimum**

**Extended Essay-** The 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.

**Additional Auburn High School requirements:**

Physical Education - 1 credit  
 Health -1/2 credit  
 Business Technology Applications – 1 credit (2016) or Career Preparedness (2017 and beyond)  
 Fine Arts - 1/2 credit

## **ACCESS Distance Learning** (Alabama Connecting Classrooms, Educators & Student Statewide)

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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 may view a course listing and request ACCESS courses through their assigned counselor. Students considering ACCESS courses need to have a good work ethic and should also be comfortable using a computer and working on the Internet.

## **Credit Advancement Tests**

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Auburn High School offers the opportunity for students to take comprehensive subject tests in order 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.

## **Computer Application Proficiency Test (Class of 2016)**

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Using Microsoft Office Software, students will be expected to demonstrate proficiency in the following areas: Word processing, spreadsheets, databases, and presentation software. Students will be expected to use proper hand techniques and complete the test within one hour. Point values represent possible errors not possible points for each proficiency test section. Score of at least 16 must be made for each section to show proficiency.

### Word Processing (25 points)

Open, save, and print a file (-10)  
Change fonts and font size (-5)  
Format for spacing (-5)  
Insert hard returns (-5)  
Use bold, center, italics and underline (-5)  
Justify text (-5)  
Use Spell check (-10)  
Change margins (-10)  
Insert tables (-10)  
Insert a header (-5)

### Spreadsheet Applications (25 points)

Create, save and print a worksheet (-10)  
Enter item numbers as numeric labels (-5)  
Right-align column labels (-5)  
Insert rows (-5)  
Format numbers as currency (-5)  
Change fonts and font size (-5)  
Use bold and center (-5)  
Type a heading (-5)

### Database Applications (25 points)

Create a name an address file (-10)  
Create a table in table design (-5)  
Adjust column widths (-5)  
Save and print a table (-5)

### Power Point (25 points)

Create a blank presentation (-10)  
Create title slide layouts (-5)  
Create new slides (-5)  
Save and print a presentation (-5)

## **Computer Based Credit Recovery**

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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.
- are able to make the grade of 70 or below for a CR course.
- will not be pulled out of class during the semester and placed in CR. They must first take and fail the entire course.

Note: Credit Recovery courses are not NCAA approved



## Auburn High School Electives

Note: Please check a grade level course request form for specific course offerings based on the student's current grade in school.

Auburn High School Electives		
<i>½ Credit Electives</i>	<i>1 Credit Electives</i>	<i>Foreign Language (Spanish, French and German)</i>
<ul style="list-style-type: none"> <li><input type="checkbox"/> ACT Prep Class</li> <li><input type="checkbox"/> Contemporary World Issues</li> <li><input type="checkbox"/> Driver's Ed.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Debate</li> <li><input type="checkbox"/> Advanced Debate</li> <li><input type="checkbox"/> Advanced Debate II</li> <li><input type="checkbox"/> History Through Film</li> <li><input type="checkbox"/> Psychology</li> <li><input type="checkbox"/> AP Psychology</li> <li><input type="checkbox"/> Computer Science Principles</li> <li><input type="checkbox"/> Yearbook</li> <li><input type="checkbox"/> Advanced Forensic Science</li> <li><input type="checkbox"/> Library/Special Ed Aide</li> <li><input type="checkbox"/> Adv Weight Training Football</li> <li><input type="checkbox"/> Adv Weight Training Basketball</li> <li><input type="checkbox"/> Adv Weight Training Female</li> <li><input type="checkbox"/> Adv Weight Training Golf</li> <li><input type="checkbox"/> Adv Weight Training Baseball</li> <li><input type="checkbox"/> Cheerleading</li> <li><input type="checkbox"/> Softball</li> </ul>	<p><b>Courses:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> World Language 1</li> <li><input type="checkbox"/> World Language 2</li> <li><input type="checkbox"/> World Language 3</li> <li><input type="checkbox"/> World Language 4</li> <li><input type="checkbox"/> World Language 5</li> </ul>

Auburn High School Electives			
<i>Performing Arts</i>	<i>Writing</i>	<i>Visual Arts</i>	<i>Mass Media</i>
Instrumental Music <ul style="list-style-type: none"> <li><input type="checkbox"/> Concert Band</li> <li><input type="checkbox"/> Symphonic Band</li> <li><input type="checkbox"/> Honors Band</li> <li><input type="checkbox"/> Jazz Ensemble</li> <li><input type="checkbox"/> Percussion Ensemble</li> <li><input type="checkbox"/> Auxiliary Ensemble</li> <li><input type="checkbox"/> AP Music Theory</li> <li><input type="checkbox"/> IB Music SL</li> </ul> Choir <ul style="list-style-type: none"> <li><input type="checkbox"/> Varsity Singers,</li> <li><input type="checkbox"/> Elan Singers</li> <li><input type="checkbox"/> Vocal Music</li> </ul> Theatre <ul style="list-style-type: none"> <li><input type="checkbox"/> Theatre</li> <li><input type="checkbox"/> Theatre Production</li> <li><input type="checkbox"/> Advanced Theatre</li> <li><input type="checkbox"/> IB Theatre</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Journalism</li> <li><input type="checkbox"/> Creative Writing</li> <li><input type="checkbox"/> Lit Studies: Minority Experience</li> <li><input type="checkbox"/> Lit Studies: Villains &amp; Monsters</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Arts Survey (1/2 cr)</li> <li><input type="checkbox"/> Visual Arts</li> <li><input type="checkbox"/> Photography (1/2 cr)</li> <li><input type="checkbox"/> Ceramic/Sculpture (1/2 cr)</li> <li><input type="checkbox"/> Drawing</li> <li><input type="checkbox"/> AP Studio Art</li> <li><input type="checkbox"/> AP Art History</li> <li><input type="checkbox"/> IB Studio Art or Art Research</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> TV Production</li> <li><input type="checkbox"/> Broadcast Journalism</li> <li><input type="checkbox"/> Advanced TV Production</li> </ul>



## Career Technical Education (CTE)

### AgriConstruction and Aquaculture Programs

To be a program completer, a student must successfully complete three courses in the selected program. Career Tech students will also have the opportunity to complete Career Readiness Indicator (CRI) assessments in their program that may lead to industry certification. Please see the program instructor for more information.

#### Cluster: Agriculture, Food and Natural Resources

*Program: AgriConstruction*

*CRI: NCCER Core*

*Career Tech Student Organization: FFA*

**Course Offerings:**

- Agriscience
- Construction Finishing and Interior Designs
- Introduction to Metal Fabrication

#### Cluster: Agriculture, Food and Natural Resources

*Program: Aquaculture*

*CRI: ATOLL*

*Career Tech Student Organization: Auburn High Student Fisheries Association*

**Course Offerings:**

- Aquaculture Science
- Aquatic Biology
- Introduction to Fisheries Technology
- Senior Career Pathway Project



## Career Technical Education (CTE)

### Advertising Design Program

#### Cluster: Arts, Audio Visual Technology, and Communications

*Program: Advertising Design*

*CRI: Adobe*

*Career Tech Student Organization: Skills USA*

**Course Offerings:**

- Introduction to Advertising Design
- Digital Design
- Graphic Illustration



## Career Technical Education (CTE)

Business Management and Administration Program

### Cluster: Business Management And Administration

*Program: Business Management & Administration*

*CRI: Microsoft Office Specialist*

*Career Tech Student Organization: FBLA*

**Program Offerings:**

- Career Preparedness
- Management Principles
- Business Tech Application
- Multimedia Design
- Advanced Business Tech Application



## Career Technical Education (CTE)

Finance Program

### Cluster: Finance

*Program: Finance*

*CRI: Quickbooks Certified User, Microsoft Office Specialist*

*Career Tech Student Organization: FBLA*

**Course Offerings:**

- Accounting
- Advanced Accounting
- Banking and Financial Services
- Personal Finance



## Career Technical Education (CTE)

Junior Reserve Officer Training Corp (JROTC) Program

### Cluster: Government and Public Administration

*Program: Army JROTC*

*Career Tech Student Organizations: Raiders, Drill, Color Guard, Rifle Team*

#### Course Offerings:

- Leadership Education and Training I
- JROTC 1b
- Leadership Education and Training II
- JROTC 2b
- Leadership Education and Training III
- JROTC 3b
- Leadership Education and Training IV
- JROTC 4b



## Career Technical Education (CTE)

Health Science Program

### Cluster: Health Science

*Program: Health Science*

*CRI: CPCT, CNA, CMAA, CPhT, EMR, EMT*

*Career Tech Student Organization: HOSA*

#### Course Offerings:

- Foundations of Health Science
- Advanced Health Seminar
- Therapeutic Services
- Health Science Internship (2 credit course)



## Career Technical Education (CTE)

Restaurant, Food and Beverage Services Program

### Cluster: Hospitality and Tourism

*Program: Restaurant, Food and Beverage Services*

*CRI: ServSafe*

*Career Tech Student Organization: FCCLA*

#### Course Offerings:

- Hospitality and Tourism (Required)
- Culinary Arts I
- Culinary Arts II



## Career Technical Education (CTE)

Industrial Systems & Maintenance and  
Precision Machining Programs

### Cluster: Manufacturing

*Program: Industrial Systems and Maintenance*

*CRI: MSSC Certified Production Technician*

*Career Tech Student Organization: Skills USA*

#### Course Offerings:

- Introduction to Manufacturing
- Industrial Systems and Maintenance I
- Industrial Systems and Maintenance II

### Cluster: Manufacturing

*Program: Precision Machining*

*CRI: NIMS*

*Career Tech Student Organization: Skills USA*

#### Course Offerings:

- Introduction to Manufacturing
- Introduction to Precision Machining
- Introduction to Milling, Drill Press, and Surface and Grinder



## Career Technical Education (CTE)

Marketing Program

### Cluster: Marketing

*Program: Marketing*

*CRI: ASK Institute Fundamental Marketing Concepts*

*Career Tech Student Organization: DECA*

**Course Offerings:**

- Career Preparedness
- Marketing Principles
- Entrepreneurship
- Cooperative Education



## Career Technical Education (CTE)

Engineering Program

### Cluster: Science, Technology, Engineering & Mathematics (STEM)

*Program: Engineering (Project Lead The Way)*

*CRI: Autodesk Inventor*

*Career Tech Student Organization: TSA*

**Course Offerings:**

- Principles of Engineering (PLTW)
- Digital Electronics (PLTW)
- Introduction to Engineering Design (PLTW)



## **Advanced Placement (AP) Courses/Examinations**

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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 (not Pre-AP or Pre-IB) are assigned a weighted grade. Pre-IB and Pre-AP courses are designations used by Auburn City Schools and are not authorized by the International Baccalaureate Organization or the College Board. Acceptable scores may enable students to earn college credit by demonstrating competence in freshman college-level course work. Advanced Placement exams are offered in the following areas: Biology, English, Spanish, German, French, Calculus, Statistics, Chemistry, American History, European History, Art, Economics, Government, Psychology, Music, Art History, and Physics. Most Advanced Placement courses require summer assignments.

Students and parents should be very sensitive to the demanding nature of Advanced Placement courses. Reading expectations for the classes are extensive. Students will be involved in college level activities, particularly in the areas of writing skills and test taking. Advanced Placement courses place a high degree of emphasis on the student's self-motivation, study skills, and the ability to self-direct his/her own learning. If students have questions as to their potential in a course, they should check with their current teacher of that particular subject. Students are required to take the AP exams which are given in May. Students must take the AP/IB exams to obtain weighted credit. The cost is approximately \$100 per exam (effective 2015-2016).

## **Computer Application Requirement (Class of 2016)**

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The Alabama State Board of Education requires that all students demonstrate computer technology proficiency in order to graduate from high school. Students may do this by successfully completing Business Technology Applications or by taking and passing a computer applications proficiency test. Students who successfully complete Business Technology Applications with a passing grade in the 8<sup>th</sup> grade will earn ½ unit of credit towards graduation. Students who successfully complete Business Technology Applications with a passing grade in grades 9 – 12 will earn 1 unit of credit towards graduation.

Students who have not taken Business Technology Applications may take a proficiency test in computer applications. If they pass the test, they may waive the course requirements, but they will not be awarded a credit. Proficiency tests should be administered at AJHS or AHS to students who wish to waive the course requirements. Students test at the school in which they are enrolled. Students will be allowed to take the proficiency test only once. Any cancellations of testing that are not rescheduled with the test administrator 24 hours prior to the testing date will not be rescheduled. Students are encouraged to enroll in Business Technology Applications or take the proficiency exam prior to the end of their sophomore year of high school to avoid potential scheduling problems.

## **Accelerated High School Student**

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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.

## **Dual Enrollment**

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Dual Enrollment allows qualified high school students to enroll in college level courses at post-secondary institutions in order to earn dual credits for a high school and/or post-secondary diploma at both the high school and the participating postsecondary institution. College tuition is the responsibility of the student.

Through a partnership with Southern Union State Community College (SUSCC), students at AHS may earn college credit while also earning credit toward their high school diploma.

Students who choose to take dual enrollment courses must meet the entrance requirements established by SUSCC and pay tuition and fees as required by SUSCC. *The grade received in a dual enrollment course will appear on a student's **HIGH SCHOOL** and **COLLEGE TRANSCRIPTS** and affect their college GPA as well as their high school GPA.*

### **Southern Union State Community College Admission Requirements**

Students must be in grade ten, eleven, or twelve, have a 3.0 GPA "B" average for academic courses and a 2.5 overall GPA for technical courses, and obtain written approval from the principal and superintendent. Students must meet the entrance requirements of the college, and normal tuition rates and fees apply for dual enrollment students. Visit <http://www.suscc.edu/current-students/dual-enrolled-accelerated-high-school.cms> for more information regarding SUSCC admission requirements or contact the SUSCC Registrar at 1-256-395-2211, ext. 5155.

### **Technical Dual Enrollment**

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 may be offered periodically at the Auburn Training Connection.

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.

<b>SUSCC Program</b>	<b>Engineering Graphics and Design</b>
<b>Course to Take</b>	<b>DDT 104 – Basic Computer Aided Drafting 3 credit hours</b> <b>DDT 111 – Fundamentals of Drafting and Design Technology 3 credit hours</b>
Program Information	Short Term Certificate – 24 hours
<b>SUSCC Program</b>	<b>Air Conditioning and Refrigeration</b>
<b>Course to Take</b>	<b>ASC 111 – Refrigeration Principles 3 credit hours</b> <b>ASC 121—Principles of electricity for HVAC 3 credit hours</b>
Program Information	Short Term Certificate – 24 hours
<b>SUSCC Program</b>	<b>Industrial Electricity/Electronics Technology</b>
<b>Course to Take</b>	<b>ILT 106 – Concepts of Direct Current 5 credit hours</b> <b>ILT 107 – Concepts of Alternating Current 5 credit hours</b>
Program Information	Short Term Certificate – 23 hours
<b>SUSCC Program</b>	<b>Manufacturing Technology</b>
<b>Course to Take</b>	<b>INT 120 – Concepts of Direct Current 5 credit hours</b> <b>INT 122 – Concepts of Alternating Current 5 credit hours</b>
Program Information	Short Term Certificate – 28 hours
<b>SUSCC Program</b>	<b>Machine Shop Technology</b>
<b>Course to Take</b>	<b>MSP 101 – Basic Machining Technology 5 credit hours</b> <b>MSP 105 –Lathes 3 credit hours</b>
Program Information	Short Term Certificate – 22 hours

<b>SUSCC Program</b>	<b>Welding Technology</b>
<b>Course to Take</b>	<b>WDT 108 – SMAW 3 credit hours</b> <b>WDT 122—SMAW 3 credit hours</b>
Program Information	Short Term Certificate – 21 hours
<b>SUSCC Program</b>	<b>Plastics Injection Molding Technology</b>
<b>Course to Take</b>	<b>AUT 114 – Introduction to Programmable Logic Controllers 3 credit hours</b> <b>AUT 130 –Introduction to Hydraulics and Pneumatics 3 credit hours</b>
Program Information	Short Term Certificate – 29 hours

Southern Union Curriculum Guide

2014-2015 Machine Shop Technology Short Certificate Hours

MSP 101	Basic Machining Technology	5
MSP 104	Basic Machining Calculations	2
MSP 105	Lathes	3
MSP 121	Basic Blueprint Reading	2
MSP 102	Intermediate Machining Technology	5
MSP 107	Milling Machines	3
MSP 171	Intermediate Blueprint Reading	2

2014-2015 Welding Technology Short Certificate

WDT 108	SMAW Fillet/OFC	3
WDT 122	SMAW Fillet/OFC Lab	3
WDT 109	SMAW Fillet/PAC/CAC	3
WDT 123	SMAW Fillet/PAC/CAC Lab	3
WDT 110	Industrial Blueprint Reading	3
WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3

**AUBURN HIGH SCHOOL GRADING SCALE**

<b>STANDARD</b>	<b>QUALITY POINTS</b>	<b>AP/IB (WEIGHTED)</b>
A = 90 - 100	4	5
B = 80 - 89	3	4
C = 70 - 79	2	3
D = 60 - 69	1	2
F = 59 & below	0	0

- Students transferring to Auburn High School will be awarded weighted credit for any AP/IB course they have taken at another school.
- No weighted credit will be awarded for honors or advanced transfer classes.

## Incomplete Policy

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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 make arrangements with the teacher to fulfill those requirements. Teachers must submit final grades for each student at the end of the grading period or indicate to the Registrar what arrangements have been made to remove the "I" (incomplete). Each student has two weeks after the last day of the grading period to fulfill the requirements of the course and clear the incomplete.

## Eligibility to Participate in Extra-Curricular Activities

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Students entering the 10th - 12th grades who wish to participate in any extra-curricular activity that requires after-school practices and/or performances must have a minimum overall average of 70 for all courses taken beginning in 7<sup>th</sup> grade. Students participating in athletics have additional requirements to maintain eligibility as defined by the Alabama High School Athletic Association. Activities that are an extension of a class are not subject to this eligibility criteria.

## Extra-Curricular Activities

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Auburn High School is committed to the belief that ethnic diversity adds richness to all activities and learning opportunities. Therefore, students of all ethnic heritages are strongly encouraged to join and actively participate in any club or activity that operates under the sanctioning of Auburn High School. All clubs have open enrollment to those students who express interest in being in any club or activity, and in the case of honor societies, have meant the membership and GPA requirements. Students who wish to join any of the clubs listed below should direct questions to the club sponsor and/or club officers at the start of each school year.

- Anchor Club
- Anime Society
- BEST (Boosting Engineering Science & Technology)
- Color Guard/Honor Guard
- DECA
- Diamond Dolls
- Drill Team
- EDUCATE (Gay/Straight Alliance)
- English Honor Society
- Environmental Club
- Family, Career, Community Leaders of America
- Fellowship of Christian Athletes
- Film Appreciation Society
- French Club
- French Honor Society
- Future Business Leaders of America
- Future Farmers of America
- Future Teachers of America
- German Club
- German Honor Society
- HOSA
- Junior Civitan
- Key Club
- Math Team
- Mu Alpha Theta
- Multi-Cultural Club
- National Forensic League (Speech & Debate Honor Society)
- National Art Honor Society
- National Honor Society
- Raider Team
- Rifle Team
- Scholars Bowl Team
- Science Club
- Science Olympiad
- Skills U.S.A.
- Spanish Club
- Spanish Honor Society
- STAND (Anti-Bullying Club)
- Student Council
- Student Outreach for Christ
- The Sheet
- Tiger Ambassadors
- Tiger TV
- Youth in Government Club

## NCAA Initial Eligibility

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All prospective student-athletes intending to enroll in an NCAA Division I or II institution must register with the NCAA Clearing house at the end of their junior year. Please visit [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net) for detailed information and instructions. A list of all courses approved by the NCAA as core courses is available in the Counseling center.

## Policy For Registration and Schedule Changes

The Auburn High School Master Schedule is built around student course selections during the registration process as well as on the course selection sheets. Teachers are hired based on the number of students registering for courses as well as the number of sections needed. Teacher schedules/courses to be taught are determined based on these numbers. Students, along with parental guidance, need to understand the importance of the decisions they make when selecting courses.

1. Students will receive registration forms in large groups. (This will take place during the month of February 2015).
2. Students will receive guidance, instructions, and information from Counselors during these academic sessions. Sophomore and Junior academic sessions will be combined with their registration.
3. Students will have approximately two weeks to register for classes using the on-line registration portal located in INOW. Directions are given during academic sessions and can be found on the AHS webpage in the registration podcast.
4. Students will be given their schedule during the last week of school, which they are to take home for parents/guardians to review.
5. Students will have from June 1<sup>st</sup> until June 26<sup>th</sup> to request all schedule changes. Schedule change request forms will be made available in the Counseling Center for students to complete and turn in to their Counselor.
6. Students/Parents/Guardians will not be allowed to make changes to schedules after the June 26<sup>th</sup> deadline unless there is an error in the schedule.
7. Counselors/Registrar will keep copies of registration forms and change request forms to verify course selections and schedule change requests.
8. Students/Parents/Guardians should consider very carefully student course selections including electives and AP/IB courses. Changes will not be made after the deadline even if the student has fulfilled his/her minimum subject/course requirements (for example, if a student has already fulfilled his/her 4 required math courses but has signed up for an additional math course).
9. Students who do not register by deadlines will have courses selected by their Counselor and will forfeit the opportunity to make any changes.
10. No schedule changes will be made based on teacher preference.

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

- The Master Schedule is built around student selections on registration and course selection forms.
- 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.
- Teacher schedules/courses are determined based on these numbers.
- Students/Parents/Guardians need to understand the importance of the decisions they make when selecting courses.

## AgriConstruction

### **420009 Agriscience**

**Fee: \$30**

A one credit course, Agriscience provides students with a general overview of the Agriculture, Food and Natural Resources cluster, which contains five pathways-Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students are involved in classroom and laboratory activities in each of the five pathway areas. Topics included in this course include career opportunities, safety, technology applications, agribusiness leadership, environmental science, soil science, plant science, forestry, animal science, aquaculture, wildlife science, pest management, woodworking, metalworking, small engines, electrical wiring, and plumbing. The Career Technical Student Organization, Future Farmers of America (FFA) is an integral part of the curriculum.

### **410008 Construction Finishing and Interior Systems**

**Fee: \$30**

(Prerequisite: Agriscience)

A one credit course offered to grades 10 - 12. AgriConstruction Finishing is designed to facilitate student understanding of finish construction as it relates to agriculture. Content area includes: Careers, hardwoods and softwoods, lumber identification, sizes and calculations, tools and tool safety, planning and drawing of a project, construction, assembly, and finishing of that project. Students are responsible for all project costs. The Career Technical Student Organization, Future Farmers of America (FFA) is an integral part of the curriculum.

**420012 Introduction to Metal Fabrication****Fee: \$30**

(Prerequisite: Agriscience)

A one credit course of basic welding fundamentals offered to grades 10 – 12. Agri-metal Fabrication provides students with opportunities to examine safety and technical information in agriculture metal fabrication and additional opportunities to gain hands-on activities in the laboratory. Careers, safety, new technology, tools and equipment, metal preparation and finishing, oxyacetylene cutting, shielded metal arc welding, gas metal arc welding, and plasma cutting will be addressed in this course. The Career Technical Student Organization, Future Farmers of America (FFA) is an integral part of the curriculum.

**Aquaculture****420037 Aquaculture Science** (Prerequisite: Biology)**Fee: \$10**

A one credit course that can count as a substitute science credit. Students are introduced to practical applications of both physical and biological concepts and skills. While aquaculture is the cornerstone of this course, the program places heavy emphasis on integration of knowledge to solve problems and broaden depth of understanding about topics such as career opportunities, safety, history, water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems and places great emphasis on project based learning. Career and technical student organizations are integral, co-curricular components that serve to help students develop leadership abilities, expand workplace-readiness skills, broaden opportunities for personal and professional growth, and membership in the Auburn High Student Fisheries Association is recommended.

**420038 Aquatic Biology** (Prerequisite: Aquaculture Science)**Fee: \$20**

A one credit course that explores the aquaculture industry as it relates to biology. Emphasis is placed on scientific concepts involving the use of microscopes and the conversion of unit measurements. Topics include career opportunities, safety, history, aquatic species, water management, health and sanitation, biotechnology, and aquaculture issues. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems and places great emphasis on project based learning. Career and technical student organizations are integral, co-curricular components that serve to help students develop leadership abilities, expand workplace-readiness skills, broaden opportunities for personal and professional growth, and membership in the Auburn High Student Fisheries Association is recommended. This course is offered in the Fall semester only and students who choose Aquatic Biology are encouraged to select Introduction to Fisheries Technology the following Spring Semester.

**410020 Introduction to Fisheries Technology****Fee: \$20**

(Prerequisite: Aquaculture Science and Aquatic Biology)

A one credit course that introduces students to modern commercial fishing industries locally, within the state and throughout the United States and the world. Students study rules and regulations pertaining to each type of fishing industry and the equipment and processing techniques used to harvest seafood from local waters. Also included in the course are ways technology has impacted equipment and techniques over time. Topics studied in this course could include the use of modern harvesting techniques and equipment, shore-side processing facilities, and vessel-to-retail processes. Students also study the import and export of seafood, the effect of commercial fishing on the economy, and rules and regulations involved with each fishery. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems and places great emphasis on project based learning. Career and technical student organizations are integral, co-curricular components that serve to help students develop leadership abilities, expand workplace-readiness skills, broaden opportunities for personal and professional growth, and membership in the Auburn High Student Fisheries Association is recommended. This course is offered in the Spring Semester only. All students are encouraged to complete the Aquaculture Technology On-Line Learning (ATOLL) Career Readiness Indicator Program.

**420077 Senior Career Pathway Project**

(Prerequisites: Aquaculture Science, Aquatic Biology, Introduction to Fisheries Tech.)

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 who can alternate as a Bio-Lab Tech Aide for the entire year.

## Advertising Design

### **440031 Introduction to Advertising Design**

A one credit course that provides students with instruction and experiences in an advertising design laboratory and studio environment.

### **440032 Digital Design** (Prerequisite: Introduction to Advertising Design)

A one credit course that provides students with hands-on experiences including computer operations, applications and procedures, type styles, desktop publishing, layout and design techniques, mechanical production files, formats, and workplace-related technology.

### **440033 Graphic Illustration** (Prerequisite: Digital Design)

A one credit course that provides students with experiences and instruction in object and information design.

## Art

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

### **280093 Visual Art**

A quarter (1/2 credit) course which introduces the student to the theory, practice, vocabulary, tools, processes, and appreciation of art. As a Level II visual arts class, it is designed to provide a foundation for the higher level art and is a prerequisite for all the other art classes. This course satisfies the State of Alabama requirement for a fine arts elective.

### **280097 Drawing** (Recommended Prerequisite: Visual Art) **Fee: \$25**

A one credit course in which the student learns to see as an artist sees and develops skill in the use of the techniques and media of drawing. Students explore the use of line, value and form through exposure to perspective, still life and figure drawings.

### **280098 Ceramic/Sculpture** (Recommended Prerequisite: Visual Art) **Fee: \$35**

A quarter (1/2 credit) course in which the student explores three-dimensional design in clay and other materials. Students are introduced to the hand-built techniques of coil, slab, and drape construction in terracotta clay. Other materials such as wire, wood and paper may be explored.

### **280100 Photography** (Recommended Prerequisite: Visual Art) **Fee: \$35**

A quarter (1/2 credit) course which 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.

### **280101 AP Art History** **Exam Fee: \$100**

This alternating day one credit course is equivalent to a two-semester introductory college course that explores topics such as the nature of art, art making, and responses to art. By investigating a specific image set of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the course fosters in-depth, holistic understanding of the history of art from a global perspective. Students become active participants in the global art world, engaging with its forms and content, as they experience, research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. The AP exam will be given in May.

### **280103 AP Studio Art** **Fee: \$25**

(Prerequisite: Visual Art and Drawing, Painting or Advanced Art. Teacher approval is required)

A one credit course for final preparation of the AP Art Portfolio. Students work independently with direction and supervision from the art teacher. The AP Studio Art Portfolio is submitted in May for a fee of approximately \$100. Students will be expected to pay for art reproductions in the Spring. This course is recommended for juniors and seniors only.

### **International Baccalaureate Elective:**

#### **280105 IB Studio Art or Art Research**

**Fee: \$35**

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.

## **Business Management and Administration**

#### **400025 Career Preparedness**

Career Preparedness is a one credit course required for graduation. The course focuses on three integrated areas of instruction- academic planning and career development, financial literacy, and technology. Course content ranges from college and career preparation to computer literacy skills to ways to manage personal finances and reduce personal risk. The area of technology is designed to be interwoven throughout course instruction. Mastery of the content standards provides a strong foundation for student acquisition of the skills, attitudes, and knowledge that enables them to achieve success in school, at work, and across the life span. This course is required for class of 2017 graduates and all graduating classes thereafter.

#### **450006 Business Technology Applications**

A one credit course designed to assist students in developing technological proficiencies in the areas of word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications. Students are also offered opportunities to identify ethical issues pertaining to information systems and to gather information about careers in technology. Communication and critical thinking skills are reinforced through the use of software applications. Simulations and projects promoting teamwork and leadership skills offer further opportunities for application of knowledge and skills. **Taking this course will successfully fulfill the computer applications proficiency requirement for class of 2016 graduates.**

#### **480011 Management Principles**

Management Principles is a one credit course designed to provide students with an understanding of the organizational functions of businesses, including quality concepts, project management, and problem solving. Topics include analyzing functions of management, examining leadership styles, and reviewing organizational structures. Future Business Leaders of America (FBLA) is a co-curricular component of this course. Students will develop managerial, organizational, communication, and leadership skills and provide opportunities for professional growth and services. Students will learn about ethics and legal aspects of a business.

#### **410016 Multimedia Design**

**Fee: \$20**

A one credit course designed to provide students with skills involving communication, presentation, desktop publishing, web publishing, and digital graphics while utilizing the following software applications: Microsoft Office, Adobe Photoshop, Adobe Illustrator, Adobe In-Design, and Final Cut Pro. Students use various platforms including PCs and Macintosh to create a variety of printed, video, and web-based multimedia publications. Upon successful completion of this course, students are able to pursue further study in the area of professional interactive multimedia design. Students who progress through this course will demonstrate skills through participation in competitive events which will enhance their opportunities to market themselves in college and the workplace.

#### **450031 Advanced Business Technology Applications**

(Prerequisite: Business Technology Applications or Career Preparedness)

A one credit course that provides students with project-based applications of skills learned in word processing, spreadsheet, database, presentation, and digital editing programs. Students will expand on knowledge learned in Business Technology Applications. A major emphasis is placed on guiding students through real-world experiences to ease the school-to-career transition. Communication and critical thinking skills are reinforced through the use of software applications. Simulations and projects promoting teamwork and leadership skills offer further opportunities for application of knowledge and skills.

## **Choral Music**

**The basic choral fee is \$200, which covers music, folders, and other supplies as well as the student's formal outfit for the year. An additional fee of \$150 is applied to anyone who auditions for and is awarded a spot in either Élan or Varsity Singers. All outfits purchased for Show Choir are property of Auburn High School. There will be additional fees for trips and competitions during the school year.**



## 280051 Vocal Music

This one credit course is open to any student. The course emphasizes the fundamentals of singing. Students will learn the value of listening to various composers as they compare music from cultures around the world. **This course will satisfy the fine art requirement for graduation.**

## 280059 Varsity Singers

This one credit 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 singing and dancing audition.**

## 280055 Élan

This one credit course is a select women's choir open to female students. The course is designed for the more advanced choral student. This group performs a wide variety of literature and serves as a public relation organization for Auburn High School. Rehearsals are also conducted Tuesday evenings from 5:30 – 8:30 p.m. **Participation in this group is through singing and dancing audition.**

## 280001 Arts Survey

This is a quarter (1/2 credit) course designed to produce original projects; utilize the creative process; elements and principals of organization in dance, music, theatre, and visual arts; analyze compare, describe, classify works of art in dance, music, theatre and visual arts; vocabulary, performance and exhibition space; audience behavior and technology. **This course will satisfy the fine art requirement for graduation.**

## Driver Education

### 290001 Driver Education

**Fee: \$30**

A quarter (1/2 credit) course consisting of 30 hours of classroom instruction, 6 hours simulation and 3 hours of individual driving time. The goal is to learn the fundamentals of safety and the responsibility within the driving environment and to 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.

## STEM Engineering (Project Lead The Way)

### 560015 Introduction to Engineering Design

(Prerequisite: On grade level in Math and Science )

This one credit advanced course develops student problem solving skills, with emphasis placed upon the concept of developing a 3-D model or solid rendering of an object. Students focus on the application of visualization processes and tools provided by modern, state-of-the art computer hardware and software. This modern computer-based process complements the traditional hand drawing methods. The course will emphasize the design development process of a product and how a model of that product is produced, analyzed and evaluated, using a computer aided design system. Various design applications will be explored with discussion of possible career opportunities.

### 560017 Digital Electronics (Prerequisite: On grade level in Math and Science)

This one credit course is a study of applied digital logic. The course is patterned after the first semester course in Digital Electronics taught in two and four year colleges. Students will study the application of electronic logic circuits and devices and apply Boolean logic to the solution of problems. Such circuits are found in watches, calculators, video games, computers and thousands of other devices. The use of smart circuits is present in virtually all aspects of our lives and its use is increasing rapidly, making digital electronics an important course of study for a student exploring a career in engineering/engineering technology. Using circuit simulation software, students will test and analyze simple and complex digital circuitry. Students will design circuits, using simulation software and bread boarding to construct the design using IC chips and other components.

### 560016 Principles of Engineering (Prerequisite: On grade level in math and science)

This one credit introductory course is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Students will develop engineering problem solving skills that are involved in post-secondary education programs and engineering careers. They will explore various engineering systems and manufacturing processes. They will also learn how engineers address concerns about the social and political consequences of technological change. The main purpose of this course is to experience through theory and hands-on-

problem solving activities what engineering is all about and to answer the questions, “Is a career in engineering or engineering technology for me?”

## Finance

### **470012 Accounting**

**Fee: \$30**

(Prerequisite: Algebra I or Algebra IA and IB and Business Technology Applications or Career Preparedness)

This one credit course teaches students the basics for managing a business’s finances and the basic principles of the accounting cycle. Students learn to apply the internationally-recognized Generally Accepted Accounting Principles (GAAP) while analyzing and recording business transactions; preparing and interpreting financial statements, accounting systems, banking payroll records, and tax forms. Specific topics include receivables, inventories, long-term assets, current liabilities, and computerized accounting. Accounting courses are required for Business majors in college and could make the difference in your success at some of the top colleges in the United States. Regardless of the career students are thinking about—musician, athlete, homemaker, CPA, or entrepreneur—accounting skills will prepare students for success in the real world.

### **470013 Advanced Accounting** (Prerequisite: Accounting)

**Fee: \$30**

This one credit course is a computerized advanced study of accounting records, principles, and procedures designed to provide students with an increased emphasis on accounting procedures and techniques for solving business problems and making financial decisions. Students use accounting and spreadsheet software to record, analyze, and interpret financial records. This course is a must for students who want to pursue a college major in Accounting, Finance, Business Administration, Business Management, or Marketing.

### **470011 Banking and Financial Services**

**Fee: \$20**

(Prerequisite: Algebra I or Algebra IA and IB)

A one credit course designed to help students develop skills related to banking and related services as they process customer transactions, maintain cash drawer, process documents, and respond to customer requests to provide other customer services. Students employ technical skills to perform data processing functions as well as to perform new account functions. Topics will include working with clients to determine financial needs and goals, practicing lending functions, including aiding the customer in determining the best financial options for saving, investing and loan transactions. In field shadowing opportunities and careers in Banking and Financial Services will be explored. Students practice customer relationship skills, ethics, technology applications, and communicating in the workplace through FBLA activities.

### **400021 Personal Finance**

**Fee: \$15**

A one credit course designed to inform students how individual choices directly influence career goals and future earnings potential. Real world topics covered include personal financial planning, debt and credit management, insurance protection, saving and investing, consumer purchasing, obtaining scholarships, financing college as well as consumer rights/responsibilities. Students will design personal and household budgets, utilize checking and savings accounts, and evaluate and understand insurance and taxes. Students will participate in simulations which will allow for professional enrichment and access to scholarship funding through course activities. An integral component of the curriculum is the application of decision-making skills that enables students to become more responsible consumers, producers, or business entrepreneurs.

## Health

### **250002 Health**

A quarter (1/2 credit) 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

### **490007 Foundations of Health Science**

**Fee: \$35**

A one credit course that introduces students to a wide range of health careers and can count as the required Health credit. Integrated academics combined with health care knowledge and skills provide the framework for a strong healthcare delivery system in the twenty-first century. It is recommended for all students who want to prepare for further study in an array of health-related fields at the postsecondary level. This course is the prerequisite for all the health science courses.

### **490013 Health Science Internship**

**Fee: \$65**

(Prerequisite: Foundations of Health Science)

A two credit course designed for students in Grade 12. This course includes a variety of knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facilities. Clinical assignments comprise at least 60 percent of the course at various healthcare facilities in the Auburn/Opelika area. This class will be offered during 2 consecutive blocks, 3<sup>rd</sup> and 4<sup>th</sup>, during first semester.

**Student requirements: Health Care Science teacher approval, maintain a 3.5 GPA, no out of school suspensions, no excessive absences, provide private transportation to the clinical site, provide proof of a negative TB skin test within the past year, Hepatitis B vaccination, uniform (blue scrub pants and a white scrub top) and pay a class fee of \$65.00.**

### **490016 Advanced Health Seminar** (Prerequisite: Health Science Internship)

A one credit course designed to keep abreast of the rapid changes in business and industry by offering students a rigorous array of coursework and work-based experience to help prepare them for advanced learning and a wide range of health career opportunities. This course is designed to provide the local education agency flexibility to meet health care demands in the community. Students are introduced to careers in therapeutic services including, but not limited to, nursing, medicine, physical therapy, surgical technologist, respiratory therapist, emergency medical technician and others. Clinical assignments comprise at least 95 percent of the course at various healthcare facilities in the Opelika/Auburn area. This class will be offered during 3<sup>rd</sup> and/or 4<sup>th</sup> block(s) during the second semester.

### **490023 Therapeutic Services** (Prerequisite: Health Science Internship)

A one credit course designed to keep abreast of the rapid changes in business and industry by offering students a rigorous array of coursework and work-based experience to help prepare them for advanced learning and a wide range of health career opportunities. This course is designed to provide the local education agency flexibility to meet health care demands in the community. Students are introduced to careers in therapeutic services including, but not limited to, nursing, medicine, physical therapy, surgical technologist, respiratory therapist, emergency medical technician and others. Clinical assignments comprise at least 95 percent of the course at various healthcare facilities in the Opelika/Auburn area. This class will be offered during 3<sup>rd</sup> and/or 4<sup>th</sup> block(s) during the second semester.

## **Industrial Systems And Maintenance/Precision Machining**

### **540004 Introduction to Manufacturing**

A one credit course that will provide the basic conceptual and operational knowledge of manufacturing. This class is the broadest ranging class in the Industrial Systems and Maintenance (IS&M) and Precision Machining programs. Field trips are taken to local Manufacturers to see how their respective products are made. Manufacturing processes are studied using simulated production runs. Project-Based Learning using wood, injection molding and vacuum forming plastics are completed.

### **540041 Introduction to Precision Machining**

(Successful completion of Geometry recommended)

A one credit 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 and power sawing. 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. Strong basic math skills are preferred.

### **540048 Introduction to Milling, Drill Press, and Surface Grinder**

(Successful completion of Geometry recommended)

A one credit 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 milling techniques, drill press techniques and grinding techniques. Employability skills are stressed and reinforced through application in a job-like environment using industry grade machining equipment and tools. Strong basic math skills are preferred.

### **540011 Industrial Systems and Maintenance I**

A one credit course designed to provide students with the fundamental knowledge and skills for this area of the manufacturing industry. Emphasis is placed on job safety and maintenance, oxyfuel equipment, lubrication, introduction to bearings, copper and plastic piping practices, planning space and technology and careers. Upon successful completion of this course, students

perform basic tasks related to industry. Leadership activities, co-curricular opportunities and employability skills are emphasized in appropriate career and technical education organization affiliations.

## **540012 Industrial Systems and Maintenance II**

(Prerequisite: Industrial System and Maintenance I)

A one credit course is designed to provide students with the fundamental knowledge and skills for this area of the manufacturing industry. Emphasis is placed on job safety, mechanical seals, belt and chain drives, bearings, gaskets and packing, pumps, ferrous metal piping practices, piping systems, and couplings. Upon successful completion of this course, students perform basic tasks related to the industry.

## **Instrumental Music**

**A band fee of \$75 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.**

## **280035 Symphonic Band**

This one credit 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" below 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.

## **280031 Concert Band**

This one credit 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" below 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.

## **280037 Honors Band**

This one credit course provides students with the opportunity for the performance of the most advanced music written for the wind band. Mastery of advanced band skills is a prerequisite. Please see "After School Rehearsals" below 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.

## **280039 Percussion Ensemble**

This one credit course is a performing ensemble consisting of all percussion students in the band program. Class activities are aimed at improving each student's mastery of basic to advanced percussion skills through the rehearsal of band repertoire and percussion ensemble repertoire. Please see "After School Rehearsals" below for an explanation of the required after school rehearsal schedule for the marching, concert, and contest seasons. Participation is by audition, and membership consists of grades 10-12.

## **280039aa Auxiliary Ensemble**

This one credit 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" below 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.

## **280033 Jazz Ensemble**

This one credit course currently operates as a jazz-rock ensemble. Subject matter includes study and performance of both traditional and current forms of America's only native art form. Participation is by audition, and membership consists of grades 10-12. This course will satisfy the State of Alabama requirement for a fine art elective.

## **280024 AP Music Theory**

**Exam Fee: \$100**

A one credit course offered to grades 11 and 12. Content area includes musical structure, analysis of composition, notational systems, arrangement for instruments and/or voices, improvisational accompaniment on piano or other instruments. A basic understanding of music or prior experience in a music ensemble is required.

**280025 IB Music SL**

A one credit course where students will study a variety of musical works spanning different styles, historical periods and national origins. The main emphasis of this study will be from a historical, analytical and theoretical view. The student will also be required to fulfill additional IB requirements as required by the curriculum. A basic understanding of music or prior experience in a music ensemble is required.

**After-School Rehearsals**

Members of the Concert, Symphonic and Honors Band can also participate as a member of the AHS Marching Band. During football season, the marching band will rehearse after school from 3:30 - 5:30 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. After school rehearsals for the Concert Band, Symphonic Band, Honors Band, Percussion Ensemble, Winter Guard, and Majorettes will be announced as needed.

**Junior Reserve Officer Training Corp (JROTC)**

The JROTC Program is a cooperative effort on the part of the Army and Auburn High School to provide students opportunities to develop in responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. The program emphasizes ethical values and principles that underlie good citizenship, development of leadership potential, ability to think logically and communicate effectively, appreciate the importance of physical fitness, understand the effects and dangers of substance abuse, purpose and structure of the military services, knowledge of educational and vocational opportunities, and the importance of high school graduation to a successful future. The program is a four-year elective course, earning one credit for each course satisfactorily completed.

**480041 Leadership, Education & Training I (LET I)**

This one credit course offers: knowledge of the rights, responsibilities (including respect for constituted authority), privileges and freedoms that underlie good citizenship; skills in living and working cooperatively with others; logical thinking and communicating with others; importance of physical fitness and good health; understanding of the history, purpose and structure of Army JROTC; basic skills in military drill, first aid, map reading, and teamwork; importance of citizenship through American history; dangers of substance abuse; and importance of graduating from high school.

**480045 Army JROTC 1b** (Prerequisite: Completion of LET I with a minimum of 80%)

This one credit course is designed to develop an understanding of leadership traits and principles, citizenship, oral communication, physical fitness, health/wellness including drug prevention and CPR, motivational techniques such as “Unlocking Your Potential” and an awareness of military history.

**480042 Leadership, Education & Training II (LET II)**

(Prerequisite: LET I, JROTC 1b with a minimum of 80%)

This one credit course offers: knowledge of the ethical values and principles; basic skills in first-line supervision and the exercise of leadership potential; introduction to logical decision-making and effective directive communications with others; physical fitness and good health habits; knowledge of the role and accomplishments of the Army; basic leadership skills in military drill, first aid, map reading and effective small unit teamwork; American military history; introduction to technological advancements; understanding effects of substance abuse; and importance of a well-rounded high school education.

**480046 Army JROTC 2b** (Prerequisite: LET I, II, JROTC 1b)

This term one credit course is designed to develop proficiency in health/wellness and CPR techniques, and an appreciation for self-awareness techniques (“Winning Colors”), modern technologies, career opportunities, and role of the U.S. Army, military history, and physical fitness.

**480043 Leadership, Education & Training III (LET III)**

(Prerequisite: LET I, II, JROTC 1b, 2b)

This one credit course offers: application of leadership assessment principles; effective problem-solving in supervisory situations; effective communications as a leader and counselor; leadership example in physical fitness and appearance; knowledge of missions and organizations of the U.S. Armed Forces; skills in teaching and demonstrating military drill, first aid, map reading, and promoting team spirit; social importance of technological advancements in energy, medicine and communications; role-modeling in the prevention of substance abuse; knowledge of federal and military systems of justice; and importance of high school preparation for future training and education.

**480047 Army JROTC 3b** (Prerequisite: LET I, II, III, JROTC 1b, 2b)

This one credit course develops an understanding of the justice system (military and civilian), the role of the U.S. Armed forces, safety (hunting and boating), orienteering, physical fitness, new technologies, military history, and motivational learning techniques such as "Power Learning."

**480044 Leadership, Education & Training IV** (Prerequisite: LET I, II, III, JROTC 1b, 2b, 3b)

This one credit course offers: leadership application (at command and staff levels) within the JROTC cadet battalion structure; ethical reasoning and decision-making as a leader; applied skills in role modeling, managerial planning, coaching, counseling, and assistance in JROTC instruction; national development as relates to American military history; applied substance abuse programs; applied physical fitness programs; multi-unit leadership planning, organizing, and directing; self-marketing for higher educational opportunities and future employment; and behavioral standards associated with commitment, responsibility, and accountability for one's own actions.

**480048 Army JROTC 4b** (Prerequisite: LET I, II, III, IV, JROTC 1b, 2b, 3b)

This one credit course develops proficiency in command and staff procedures, physical fitness, military parades and ceremonies, citizenship, science and new technologies and communications. Students must demonstrate ability to speak to large audiences, perform staff briefings and prepare staff reports, write resumes and cover letters, and complete job applications. They must also apply problem solving/decision making skills in leadership and supervisory positions of authority.

## Language Arts

**200009 Tenth Grade English**

A one credit course covering American literature before 1900, *Julius Caesar*, composition, vocabulary, and grammar.

**200011 Pre-IB/AP English 10**

An advanced one credit course covering traditional and contemporary American and world literature, mythology, composition, vocabulary, and grammar. Summer reading is required for Pre IB/AP English 10.

**200013 English 11**

A one credit course covering the study of American literature after 1900, composition, grammar, and vocabulary.

**200016 AP English 11, Language and Composition** (AP Exam Required) **Fee: \$100**

A one credit course covering the study of advanced composition, including detailed study of rhetoric and style. The focus will be on American literature with comparisons to world literature selections. Summer reading is required for AP English 11. The AP English Language and Composition will be administered in May.

**200021 IB English 11**

A one credit 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 for both AP and IB English 11.

**200017 English 12**

A one credit course covering the study of British literature, advanced composition, grammar and vocabulary. Classes will focus on analytic and expository writing.

**200020 AP English 12, Literature and Composition**

**Fee: \$100**

(AP Exam required to receive weighted credit)

A one credit 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. Summer reading is required.

**200022 IB English 12**

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.

**802204aa ACT Prep Class (1/2 credit)**

**200033 Creative Writing (1 credit)**

**200033ab Creative Writing (1/2 credit)**

This course may be taken for a term (1 credit) or quarter course (1/2 credit) 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.

**200030 Seminar in Literature Studies: Villains and Monsters in Literature**

(Previous Creative Writing class is encouraged but not required)

This course concentrates on making students more critical readers, writers and presenters. The subject is horror and the relation of it to life as seen from the perspective of some of the finest contemporary and classic writers in the genre of horror literature. Various sub-genres of horror and the writers' techniques of developing character and building atmosphere through action and description will be studied. Students will become more sensitive listeners and critical thinkers as they explore the "dark side" of the literary imagination through the study of masterpieces of horror literature.

Units Include (but are not limited to):

- Periods, Regions, and Authors:
- British Gothic
- American Gothic (Poe and more)
- Southern Scares (Alabama & Southern Gothic)
- Stephen King
- Literary Devices
- Monsters and Creatures (golems, mummies, zombies, vampires, werewolves, demons, witches, ghosts, etc.)
- Imagery (design, sets, lighting, allegory, character development, makeup/costume)

**200030 Seminar in Literary Studies: The Minority Experience**

(Prerequisite: Student should have passed their last English class with a C or better)

This is a course in critical reading and writing with an emphasis in African American/Minority studies. This course will provide students greater awareness of the black/minority contribution to literature as both topic and author. The course will focus on the minority experience through close textual reading of short stories, excerpts, non-fiction, speeches, poetry, and 1-2 novels.

Author Units Include (pending approval/not limited to):

- Rosa Guy
- Alice Walker
- Amy Tan
- Lisa See
- James Baldwin

**200051 Journalism (1 credit)**

**200051ab Journalism (1/2 credit)**

A course designed to study the news media and provide practice in journalistic writing. The course focuses on news gathering and reporting, copy reading, headline writing, makeup, design, and broadcast journalism. The students in this course will also produce the school newspaper, *AHS Free Press*. Staff members participate in all phases of newspaper production. With teacher approval, a student may take this course more than one term.

**280071 Theatre**

A one credit course where students will study and participate in theatre activities in class (warm-up activities, theatre games, pantomime, improvisation, acting techniques, monologue presentations, ensemble-acting presentations, etc.), report on plays read in class and seen in performance, learn to analyze a variety of play texts from world drama and contemporary styles of theater/drama and depict characters in them. Students are required to participate in many in-class performances (both as a solo actor and an ensemble actor) and they are required to attend at least one performance of the Theatre AHS production during the fall season AND the musical production during the spring season. With teacher approval, a student may take this course more than one term.

## **280076 Theatre Production**

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

## **280072 Advanced Theatre**

### **280081 IB Theatre [SL]** (Prerequisite: Theatre)

A one credit course combining advanced theatre students and IB students choosing theatre as their elective; the course spans one year of instruction for the advanced theatre student OR two years of instruction (1 credit per year) for the IB theatre student. All students are required to keep a personal theatre journal throughout the course, and are required to attend and review at least two off-campus theatre productions.

During the two-year course, IB Theatre students are required to:

1. Undertake a research investigation into an unfamiliar theatrical practice for the production of a play or theatre piece. Research focuses on a student formulated question based on their selection from a specific play or theatre piece rooted in the chosen theatrical practice.
2. Create a proposal consisting of two (2) sections focusing on the student's directorial perspective for staging a performance based on an IBO prescribed stimulus.
3. Give a 20-minute presentation made to the teacher and the class focusing on one or two performances in which the student has been involved. The presentation will be recorded on CD and must be accompanied by 5-7 images to illustrate or counterpoint the spoken word.
4. Complete an independent project, including a project portfolio of 2,000 words that shows the development of the candidate's independent project and its connection to their experience in the core syllabus.

## **802202 Yearbook** (Experience in Journalism, Graphic Design, or Photography preferred)

This is a one credit, year-long course in which students create the AHS yearbook. Students must fill out an application for consideration. Students who are accepted into the class will learn or hone existing skills in journalism, photography, graphic design, and marketing. After training, they will be expected to work independently to create page layouts, conduct interviews, take compelling photos, write journalistically sound stories and captions, and effectively use our online page creation software. Students also will be required to do some summer work, including independently selling business ads, helping with senior portraits, and attending a 3-day workshop in Auburn. Teacher approval required.

## **Marketing**

### **550011 Marketing Principles**

Marketing Principles is a one credit course for 10-12<sup>th</sup> grades designed to provide students with an overview of marketing concepts. Sports and entertainment marketing is emphasized. Computer business games/simulations are used to teach many marketing concepts. Students compete against each other in networked competitions. Students develop a foundational knowledge of marketing and its functions, including promotion, pricing, business management, and selling. Students examine the need for sales and marketing strategies. Students practice customer relationship skills, ethics, technology applications, and communicating in the workplace through DECA activities. AHS DECA is the leading chapter in the state and participation is encouraged.

### **400017 Entrepreneurship**

Entrepreneurship is a one credit course designed to provide students with skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. Entrepreneurship is a project based class with special emphasis on e-commerce, International marketing and marketing research projects related to business ownership. Completion of a project for DECA competition is a major component.

### **400122 Cooperative Education (1<sup>st</sup> credit)** (Prerequisite: Career Preparedness)

### **400133 Cooperative Education (2<sup>nd</sup> credit)**

### **400144 Cooperative Education (3<sup>rd</sup> credit)**

### **400212 Cooperative Education 4<sup>th</sup> credit)**

With the teacher's help, students will find and work at part-time jobs in the local area. This enables the students to leave campus early and go to work. Job placement related to the student's desired career is encouraged. Students wishing to enroll



must complete an application, have parental permission, transportation to work, and have an acceptable attendance and conduct history during the year prior to enrollment. This class may be taken as an alternating day or a traditional semester block class. To leave early every day for work for the entire year, students must sign up for TWO semester block periods. This course is available to juniors and seniors.

## Mass Media

### **200035ab Television Production (AHS Now)**

This is the introductory course to the Mass Media Program. In this course, students create content that is featured on both the school news and the community channel. Students will create commercials, public service announcements, infomercials, news reports, and a news show. Their work will be distributed on YouTube (to the schools and world) and on local access cable channels (Charter 182 and WOW 13). In this course, students learn how to use the equipment that all Mass Media 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. Due to the autonomous nature of the course, student attendance and behavior will be considered as part of the student selection process.

### **200035aa Broadcast Journalism (Tiger TV)**

Tiger TV is the most fast-paced, rigorous course in the Mass Media Program; however, it is the second-level class in the three-level program. Tiger TV is fast-paced and rigorous because students work as a team to produce a news television show for the school every day. Tiger TV 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 and narrative film, advertising and marketing. Students are required to learn equipment and jobs immediately, making this portion of the class less learner accommodating but more efficient than AHS Now. Due to the autonomous nature of the course, student attendance and behavior will be considered as part of the student selection process.

NOTE: Priority is given to students who have taken and passed Television Production.

### **200035 Advanced Television Production (Auburn Community Channel)**

(Prerequisite: Successful completion of Television Production or Broadcast Journalism)

Advanced Television Production is the highest level Mass Media class because, in it, students create and broadcast television programming that airs to the community of Auburn and on YouTube. The pace of this class is not as fast as Tiger TV, and the instruction is more about script writing, the art of film, and narrative film than it is about commercials and advertising, though there will be some of this as well. Students will get instruction on the more sophisticated aspects of the equipment and software than in other Mass Media classes. This is also the only Mass Media class that doesn't operate as a team to produce one product; rather, students partner to produce their shows and only depend on the class to brainstorm ideas. Students are given assignments related to or about Auburn City Schools or the community.

## Mathematics

**In all mathematics classes at AHS, credits will be awarded in whole units only. No ½ credits will be given (exception AP & IB and alternating day math classes.) Students who have successfully completed all requirements with a passing average will be awarded one full credit at the end of the term.**

### **210008 Algebra IA**

A one credit course that is the first half of Auburn's required, two-credit Algebra I sequence. Major topics include mathematical properties, functions, rational numbers, solving linear functions, proportions, graphing relations and functions, linear equations, and linear inequalities.

### **210009 Algebra IB** (Prerequisite: Algebra IA)

A one credit course that is the second half of Auburn's required, two-credit Algebra I sequence. It is a continuation of Algebra IA. Completion of Algebra IA and Algebra IB completes the Algebra I sequence. Major topics include solving systems of linear equations, polynomials, factoring, quadratic functions, rational expressions, and radical expressions.

### **210010 Geometry** (Prerequisite: Algebra I or Algebra IA and IB)

This one credit course begins with the language and logic of geometry followed by chapters on parallelism, congruent triangles, inequalities of triangles, quadrilaterals, similarity, right triangles, circles, area, area and volume of solids, coordinate geometry, and constructions.

### **210015 Algebraic Connections** (Prerequisite: Algebra IA & IB and Geometry)

A one credit course that includes topics from a variety of areas in which mathematics is applied. Some areas included are science probability and statistics, business and economics, and consumerism. This course should be taken after Geometry and before Algebra II, as it is viewed as a bridge between Geometry and Algebra II.

**210016 Algebra II** (Prerequisite: Algebra I and Geometry)

A one credit course offered to **seniors only** who are taking this as a final course in math and who have not had Algebra II with Trig. Students may not receive credit for Algebra II and Algebra II with Trig. Algebra II does not meet the graduation requirements for the Advanced Academic Endorsement. Topics included in this course are: complex numbers, functions, zeros of functions, operations with functions, solving equations, and inequalities, data analysis and probability. Technology and applications involving real-life situations are incorporated throughout this course.

**210017 Algebra II with Trigonometry** (Prerequisite: Algebra I and Geometry)

A one credit course offered to students who have successfully completed Algebra I and Geometry. Major topics include functions (linear, quadratic, polynomial, exponential, logarithmic, trigonometric) and their graphs; system of equations and inequalities; rational expressions; irrational and complex numbers.

**210018 Discrete Mathematics** (Prerequisite: Algebra II with Trig)

A one credit course, Discrete Mathematics expands upon the topics of matrices, combinatorial reasoning, counting techniques, algorithms, sequences, series, and their applications. Students are expected to work in both individual and group settings to apply problem-solving strategies and to incorporate technological tools that extend beyond traditional instructional practices. This course may be taken as an elective if the four math credits have already been earned.

**210020 Precalculus** (Prerequisite: Algebra II with Trig.)

A one credit 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, sequences and series, and limits. This course provides the background needed for entry into calculus.

**210032aa Probability and Statistics** (Prerequisite: Algebra II with Trig.)

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

**520008 Computer Science Principles** (Prerequisite: Algebra II with Trig)

Computer Science Principles (CSP) is designed to introduce students to the central ideas of computing and computer science (CS), to instill ideas and practices of computational thinking, and to have students engage in activities that show how computing and computer science change the world. The CSP course is rigorous and rich in computational content, includes computational and critical thinking skills, and engages students in the creative aspects of CS. Writing is an integral part of the CSP curriculum and students will have opportunities to build their writing skill through portfolios, journals, technical writing and the written component of the performance tasks.

**210023 Calculus** (Prerequisite: Precalculus)

A one credit 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 functions, area between curves, and volumes of solids of revolution.

**210025 AP Calculus AB** (Prerequisite: Precalculus or Calculus) **Fee: \$100**

A one credit course covering the equivalent of the first semester of college Calculus, using the AB Calculus syllabus. The primary goal is the successful completion of the AP Exam. The AP Calculus AB Exam is required and administered in May.

**210026 AP Calculus BC** (Prerequisite: AP Calculus AB) **Fee: \$100**

A one credit course for students who have had Advanced Placement Calculus AB. This course is designed to prepare for the Advanced Placement BC exam. The AP Calculus BC Exam is required and will be administered in May.

**210027 AP Statistics** (Prerequisite: Algebra II w/Trig)

**Fee: \$100**

This one credit 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.

**210028 IB Standard Level Math** (Prerequisite: Calculus or AP Calculus AB)

A one credit course which will prepare the student to take the International Baccalaureate Standard Level Exam.

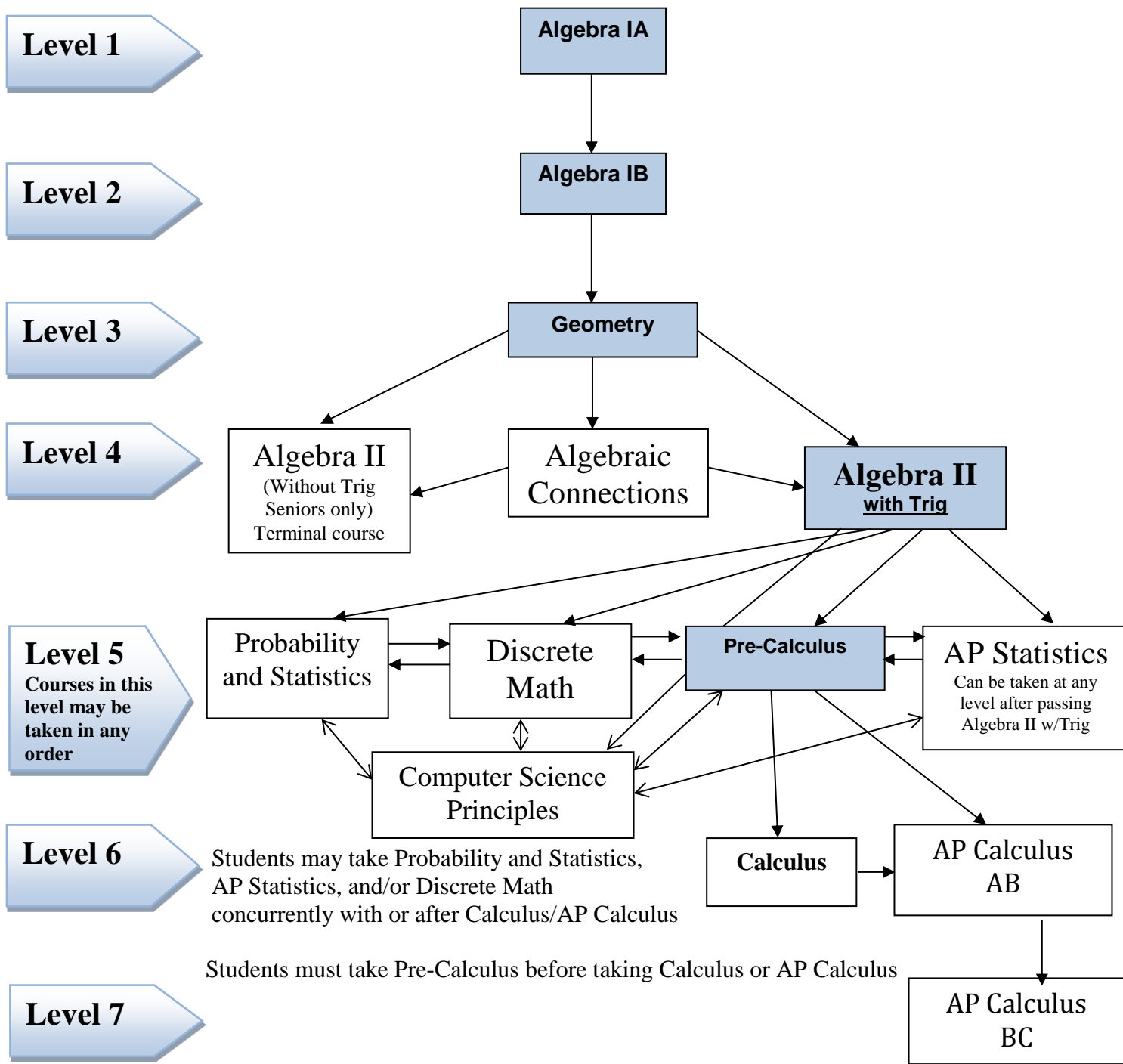
**210030 IB Higher Level Math** (Prerequisite: AP Calculus AB)

A one credit course which will prepare the student to take the International Baccalaureate Higher Level Exam.

# AHS Mathematics Classes Flowchart

(Updated 2/2015)

Students must have passed the course in the shaded box before moving to the next level.  
If you are unsure where to place a student, please contact the current or previous math teacher.



Notes: AP Statistics and Pre-Calculus are more rigorous courses than Probability & Statistics and Discrete Math. Computer Science Principles can be taken at any time upon completion of Algebra II.

## Physical Education

### **240002 Lifelong Individualized Fitness Education (LIFE)**

A one credit course that offers a wide variety of individual and group activities. The course will also include fitness training, cardio training, and conditioning tailored to each individual. The major objective of this course is to stimulate normal growth and development by stressing physical fitness and motor skill proficiency with emphasis on the development of a positive attitude toward continued physical activity for life and living.

### **240002aa Advanced Weight Training for Males (Football)**

A one credit course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to football. The weight lifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.

### **240002ab Advanced Weight Training for Males (Basketball)**

A one credit course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to basketball. The weight lifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.

### **240002ac Advanced Weight Training for Females**

A one credit course aimed to strengthen and tone muscles and to guide athletes in the development of a training program that would benefit them in sports and daily activities. It will include weightlifting and a variety of exercises that improve endurance, agility, vertical jump, speed, and power.

### **240002ad Advanced Weight Training (Golf)**

A one credit 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 golf. The weight lifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.

### **240002af Advanced Weight Training (Baseball)**

A one credit course where students will work on various lifts beneficial to both their upper and lower body. They will also work on various conditioning skills related to baseball. The weight lifting and conditioning skills will be beneficial to improving their cardiovascular endurance, agility, muscular endurance, muscular strength, body composition, and flexibility.

### **802208 Cheerleading**

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.

### **240002ah Advanced Weight Training for Males**

A one credit course aimed to strengthen and tone muscles and to guide athletes in the development of a training program that would benefit them in sports and daily activities. It will include weightlifting and a variety of exercises that improve endurance, agility, vertical jump, speed, and power.

### **802208 Softball**

Softball is an interscholastic fast-pitch competition for Grades 10-12.

## Restaurant, Food, and Beverage Service

### **500011 Hospitality and Tourism**

**Fee: \$50**

This is a one credit course and is the *prerequisite* for the classes in the Restaurants, Food and Beverage Service pathway. Major topics include introduction to hospitality and tourism, recreation, travel and tourism, lodging, restaurants and food and beverage services, safety and sanitation, customer relations, and quality services.

**500012 Culinary Arts I** (Prerequisite: Hospitality and Tourism)**Fee: \$50**

This is a one credit course. Culinary I introduces students to basic food production, management, and service activities in both the back and front-of-the-house. Emphasis is placed on sanitation, safety, and basic food preparation.

**500013 Culinary Arts II** (Prerequisite: Hospitality and Tourism, Culinary I)**Fee: \$60**

This is a one credit course. 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. Students must have teacher approval prior to registering for the class.

## 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 Science Olympiad, Alabama Junior Academy of Science paper reading competition, and trips provided by the Science Club. The Discovery Hall summer program at Dauphin Island Sea Lab is available to students interested in marine sciences. The Princeton Earth Physics Project (PEPP) is an on-going research opportunity for students interested in earthquake and seismic sciences. Students participating in these programs are interviewed and recommended by the AHS Science faculty.

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.

**220081 Earth Science** (Prerequisite: Biology)

A one credit course introducing students to the forces of the physical and biological Earth. This course covers topics in space sciences (astronomy), atmospheric sciences (meteorology) and places a strong emphasis on geological sciences (internal and external structure of the Earth) and oceanographic sciences (the physical ocean and marine biology). This is a research / project based course incorporating multimedia, computer and Internet technologies.

**220029 Environmental Science** (Prerequisite: Biology)**Fee: \$5**

A one credit course is an interdisciplinary introduction to the study of how nature works. It is a combination of physical science, biology, geology, chemistry and social science. It also includes the economic, political and ethical impact on the environment. Topics for study include ecosystems, populations, agriculture, pollution, pest control and natural resources.

**220034 Forensic Science** (Prerequisite: Biology and a physical science)**Fee: \$5**

A one credit 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. Evaluation of a fictional forensic science novel is also required for the course. This course is highly laboratory dependent. A signed parental permission slip is also required based on some course content related to crime scene analysis.

**220036 Advanced Forensic Science** (Prerequisite: Forensic Science)**Fee: \$10**

A one credit elective course that continues the study of forensic science for students interested in pursuing a career in the fields of science and/or law enforcement. 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 the study of careers in the forensic science/law enforcement field, organic and inorganic substance analysis techniques, forensic entomology, impression evidence evaluation, accident reconstruction, firearm analysis, and the evaluation of questioned documents. This course is highly laboratory dependent. A signed parental permission slip is also required based on some course content related to crime scene analysis.

**220017 Genetics** (Prerequisite: Biology and Algebra II with Trig.)

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

**220026 Human Anatomy and Physiology** (Prerequisite: Biology)

A one credit course in human anatomy and physiology. Dissecting is a major part of lab in this class. This class is intended for students who have a strong interest in biology. It is recommended that students have made a grade of B or higher in Biology. This is one of the science courses that may be selected to get the Advanced Academic Endorsement.

**220051 Physical Science**

A course that is divided into two half-credits. The first nine-weeks involves a study of basic chemistry. The second nine-weeks covers basic physics topics. This course helps students understand their environment, as well as prepare them for further science courses at the high school level. The core of the program is matter, energy, and force and motion. This is a hands-on curriculum emphasizing lab technique and safety.

**220061 Chemistry** (Prerequisite: Biology, and Algebra II w/Trig)

A one credit course in basic inorganic chemistry. The core is an in-depth study of matter and energy. This is one of the science courses that may be selected to get the Advanced Academic Endorsement.

**220071 Physics** (Prerequisite: Biology and Algebra II w/Trig)

A one credit course covering topics in classical mechanics, thermodynamics, waves, optics and electricity. This is one of the science courses that may be selected to get the Advanced Academic Endorsement.

**220014 AP Biology** (Prerequisite: Biology and Chemistry with a lab program) **Fee: \$100****220015 IB Biology** – 11<sup>th</sup> Grade (Prerequisite: Biology and Chemistry with a lab program)**220016 IB Biology** – 12<sup>th</sup> Grade (Prerequisite: Biology and Chemistry with a lab program)

A two credit course in general, animal and plant biology equivalent to a college freshman course. Students must have completed a previous high school biology course and have completed a chemistry course that includes a lab program. The IB or AP Biology Exam is required and will be administered in May.

**220064 AP Chemistry** (Prerequisite: Chemistry with a lab program) **Fee: \$100****220066 IB Chemistry** – 11<sup>th</sup> Grade (Prerequisite: Chemistry with a lab program)**220065 IB Chemistry** – 12<sup>th</sup> Grade (Prerequisite: Chemistry with a lab program)

A two credit course is intended to be the equivalent of the college freshman chemistry course. It is a very demanding course with topics and labs completed on a college level. The laboratory work is extensive and often requires extra time before or after school to complete. Students must have completed one Chemistry course that includes a lab program. The IB or AP Chemistry Exam is required and will be administered in May.

**220057 AP Physics 1** (Prerequisites: Geometry and Algebra II w/Trig) **Fee: \$100**

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. The AP Exam is required and will be given in May.

## Social Studies

**230016 United States History I: Beginnings to the Industrial Revolution**

(Grade 10 Course)

This is a required one credit course for tenth grade students that is a chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events

**230029 AP European History** **Fee: \$100**

Advanced Placement European History is a one credit course designed to give students a firm grounding in the chronological history and in major interpretative questions that derive from the study of selected themes in European history and related areas. A college level text is used; course requirements include extensive essays, outside reading and summer assignments. The AP exam is required and will be administered in May.

**Note: This course is offered as an elective in the tenth grade with the understanding that a student electing to take AP European History will either take AP or IB History of Americas I in the 11<sup>th</sup> grade or both parts of the U.S. History sequence (Beginnings to 1900 and 1900 to the Present).**

## **230019 United States History II: The Industrial Revolution to the Present**

(Grade 11)

This is a required one credit course for eleventh grade students that is a chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States; Alabama's history and geographic changes that have influenced aspects of life during and after events

## **230022 AP U.S. 11 History**

**Fee: \$100**

A one credit 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.

## **230033 History of Americas I, SL, IB (11th grade)**

**Fee: \$100**

A one credit 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. IB History of the Americas I students are required to take the AP exam administered in May. IB History of the Americas I is a pre-requisite for IB History of the Americas II.

## **230034 History of Americas II, SL, IB - 12th grade (12<sup>th</sup> grade)**

A one credit course designed to prepare students for the IB Higher Level exam in history. It focuses on the history of Cold War as it relates to United States history and 20<sup>th</sup> century World History.

Additionally, the class will cover in-depth Regional Topics (the Americas) such as the Mexican Revolution and World War II. This course is the sequel to IB History of Americas I. The IB Exam is required and will be administered in May.

## **230051 Principles of Economics**

This is a required quarter (1/2 credit) course at the twelfth grade level in which students will explore the workings and institutions of modern-day economic systems as well as economic theory. A particular focus is placed on the American free enterprise system. Students will apply information gained from this course to the analysis of current issues and problems in economic systems.

## **230055 AP Microeconomics**

**Fee: \$100**

This is a one credit course at the twelfth grade level designed to give students an up-close look at our economy, choices involved in operating a business, and decisions business must make. This class covers basic economic concepts; the nature and functions of product markets; factor markets; market failure and the role of government. Macroeconomics and some international economic issues are also covered. Much material will be covered; therefore, outside work is essential for successful completion. This course substitutes for Economics. The AP Economics Exam is required and will be administered in May.

## **230041 American Government**

This is a required quarter (1/2 credit) course at the twelfth grade level that provides students opportunities to build on the knowledge, skills and attitudes developed in previous social studies courses, become knowledgeable of structure and functions of government at all levels, and to focus actively on the nature of civic virtue and responsibility.

## **230047 AP United States Government and Politics**

**Fee: \$100**

This is a one credit course at the twelfth grade level designed to give students an analytical perspective on government and politics in the United States. The course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. Topics covered include the constitutional underpinnings of U. S. government, political beliefs and behaviors, political parties and interest groups, national policy and institutions, and civil rights and civil liberties. Extensive outside reading and research is necessary for successful completion of the course. This course substitutes for American Government. The AP Government Exam is required and will be administered in May.

### **Social Studies Electives**

## **200045 Debate**

This one credit 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. Students find themselves, after school hours, in community libraries researching for presentations. This course provides instruction and practice in the art of public speaking, with an



emphasis on debate. Students train to compete in tournaments in the events of Lincoln-Douglas Debate, Public Forum Debate (a type of team debate), Extemporaneous Speaking (impromptu speeches 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 required to participate in at least one tournament and to provide an adult judge.

### **200046      Advanced Debate** (Prerequisite: Debate)

Advanced Debate students will continue to expand their knowledge of various forms of debate. Students will learn debating skills, primarily for interscholastic tournament competition. The class will cover the thinking processes and research techniques to develop assignments, as well as the speaking skills to present, refute and defend ideas. Considerable out-of-class time will be required for research, preparation, practice, and tournament participation. Debate provides essential training in citizenship development. Students become familiar with important political and social issues and learn the complexities of responsible choices concerning public issues. High school debate students receive higher grades and are more likely to continue on to post-secondary education than comparable high school students involved in any other activity. (Wade UDL) Students must have completed Debate I in order to be eligible for Advanced Debate.

### **200046aa    Advanced Debate II** (Prerequisite: Debate and Advanced Debate)

This course provides instruction and practice in the art of public speaking, with an emphasis on debate. Students train to compete in tournaments in the events of Lincoln-Douglas Debate, Public Forum Debate (a type of team debate), Extemporaneous Speaking (impromptu speeches 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 encouraged to participate in at least two tournaments.

### **230032      History Through Film** (1 credit)

#### **230032aa    History Through Film** (1/2 credit)

This may be taken as a semester class (1 credit) or a quarter class (1/2 credit). History Through Film will focus on historical interpretation and how movies can influence the way people think about the past. We will compare films from different eras, genres and cultures. Students will study specific historical events in depth and compare historical fact to a film or films about the subject matter. Students will learn to write critically and analytically about film. Students will be required to have a signed parent permission form, as some movies may involve mature subject matter, such as realistic battle scenes and other historical events.

### **230071      Psychology**

A one credit elective focusing on human behavior (intelligence, creativity, learning, emotions, motivations, problem solving, mental illness, states of consciousness, developmental psychology, gender differences, conflict resolution and human relations) and the extent to which scientific methods can be applied to problems of human behavior. In addition, students will be afforded the opportunity to determine a topic of study such as autism, learning disabilities, schizophrenia, etc. Case studies, simulations, experiments, and a number of other activities will be used to develop critical thinking skills necessary to apply psychological theories to actual situations.

### **230072      AP Psychology**

**Exam Fee: \$100**

A one credit course designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in the science and practice. Students taking this course will take the AP Psychology Exam in May.

### **230201      Contemporary World Issues and Civic Engagement**

A quarter (1/2 credit) course designed to acquaint students with current events of local, state, national, and international interest. This course allows students to acquire knowledge of key contemporary personalities and events that impact their lives. Daily and weekly news sources serve as primary reference documents for content in this course. Students will be asked to evaluate issues from the historical, economic, social/cultural, and political perspectives, as well as determining the reliability and validity of news sources. This course requires comprehension of editorials, multi-media materials, media data, and statistics. Discussion, research, and problem-solving projects that are community based enhance the learning environment of this course.

## International Baccalaureate Electives

### **230073 Psychology, SL, IB**

A one credit course. IB Psychology examines the interaction of biological, cognitive and sociocultural influences on human behavior, thereby adopting an integrative approach. Understanding how psychological knowledge is generated, developed and applied enables students to achieve a greater understanding of themselves and appreciate the diversity of human behavior. The ethical concerns raised by the methodology and application of psychological research are key considerations in IB Psychology. Cultural diversity is explored and students are encouraged to develop empathy for the feelings, needs and lives of others within and outside their own culture. This empathy contributes to an international understanding. Students in IB Psychology SL are required to complete an Internal Assessment (replication of research study) and are required to take the IB Psychology SL Exam in May. Student may also choose (with advanced notification) to take the AP Psychology Exam in May if they pay the exam fee.

### **230056 Economics, SL, IB**

A one credit course designed to analyze and compare the various worldwide economic systems. This course will cover microeconomics, macroeconomics and international economics.

## World Languages

In all world language classes at AHS, credits will be awarded in whole units only. No ½ credits will be given (exception AP & IB and alternating day foreign language classes.) Students who have successfully completed all requirements with a passing average will be awarded one full credit at the end of the term.

## French

### **270023 French 1**

This one credit course introduces students to basic structures and vocabulary of the French language. Emphasis is placed on developing proper pronunciation as well as listening and reading skills. The text *Bien dit!* is used along with CDs, workbooks, and supplementary films and reading materials. Cultural focus is on French speaking countries, France and the city of Paris.

### **270024 French 2** (Prerequisite: French 1)

This one credit course continues the basic study of the French language with the introduction of past verb tenses. Students learn to read short, simplified texts and to write and speak short passages and dialogues, continuing to develop communication skills. The French provinces and departments, French holidays and food are focuses for cultural units. The text *Bien dit!* is used with accompanying CDs, video and writing workbook as well as other visual and reading materials.

### **270025 French 3** (Prerequisite: French 2)

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.

### **270026 French 4** (Prerequisite: French 3)

This one credit 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. This is the IB Ab Initio level of French for 12<sup>th</sup> grade students. The text *Bien dit!* is used along with "French in Action".

### **270027 AP French 5** (Prerequisite: French 4)

**Fees: \$100**

### **270029 French, B, SL** (Prerequisite: French 4)

This one credit course begins with an intensive overview of French grammar. Development of reading competence in French literature is also stressed. Conversational topics focus on being able to interact with native speakers in situations in a Francophone country. A balanced study of reading, writing, listening and speaking prepares students for the AP French exam and/or for the IB Language B Standard exam. Texts are "French in Action," *Tresors du Temps* and will be supplemented by a wide variety of other materials. The AP French Exam will be administered in May. The IB Language B standard exam will be also administrated in May.

## German

### **270043 German 1**

In the first one credit course of German, students will learn to understand, speak, read and write basic German. Students practice daily with listening exercises, working with a partner, and responding to directed questions from the teacher. The text is supplemented by a workbook, which reinforces vocabulary and grammar. In addition, students will gain an understanding of German culture as well as an understanding of the German-speaking countries in Europe.

### **270044 German 2** (Prerequisite: German 1)

This second one credit course examines the final chapters of the first textbook. This course enlarges the vocabulary of the students and expands their knowledge of German grammar. Students will enhance their reading, writing, listening, and speaking abilities in this course. A workbook is included in order to reinforce vocabulary and grammar.

### **270045 German 3** (Prerequisite: German 2)

During this one credit course, students will complete the remaining chapters of the second textbook. Additional course material will supplement the textbook regarding specific topics of content and German culture. A workbook will accompany the text in order to reinforce vocabulary and grammar. Each student will expand upon his/her existing knowledge of listening, reading, writing, and speaking. Students will also gain a greater understanding of the German-speaking countries in Europe.

### **270046 German 4** (Prerequisite: German 3)

In this one credit course, an advanced text is used. Accompanying materials, such as CDs and workbooks help provide additional practice with material previously learned, and the students learn to express their experiences, thoughts, and emotions. Students will continue to develop competence in reading, writing, listening, and speaking. In addition, reading selections and listening practice from other sources are introduced so that students can develop an appreciation for German literature and can become better acquainted with Germanic cultures.

### **270047 AP German 5** (Prerequisite: German 4)

**Fee: \$100**

### **270049 IB German 5, SL** (Prerequisite: German 4)

In this one credit course an advanced text is used. Additional reading and listening materials are used in order to work on advanced reading and listening comprehension skills. All phases of language proficiency (listening, speaking, reading and writing) are practiced to prepare the students to take the Advanced Placement Test and/or IB Higher Level Language B exam. The AP and IB German Exams will be administered in May.

## Spanish

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.

### **270153 Spanish 1**

This one credit course uses the text supplemented by listening comprehension activities and videos for additional listening practice and by workbooks for grammar practice. The cultural emphasis is on Spain itself and other Hispanic countries and Hispanic influence in the U.S. The student is introduced to the basic structures and vocabulary of the Spanish language and is encouraged to use these in basic communication in everyday situations. Verb work is in present tense with an introduction to the preterite.

### **270154 Spanish 2** (Prerequisite: Spanish 1)

This one credit 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.

### **270155 Spanish 3** (Prerequisite: Spanish 2)

This one credit course continues to build on the foundations students have developed in Spanish 1 and 2. The text is supplemented by listening comprehension activities, videos and a workbook. Students progress to additional vocabulary introduction and new grammatical structures. The study of culture and its influence related to the Spanish speaking world countries continues. Additionally, students develop communication and writing skills.

**270156 Spanish 4** (Prerequisite: Spanish 3)

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.

**270157 AP Spanish 5**(Prerequisite: Spanish 4)

**Exam Fee: \$100**

**270160 Spanish, B, SL** (Prerequisite: Spanish 4)

This one credit course gives students extensive practice in the types of listening, speaking, reading, writing and grammar activities which are necessary for the student to do well on the Advanced Placement Exam or the IB Language B standard level exam. The text is *Galería*, which is supplemented by a wide variety of culturally authentic materials. The AP Spanish Exam will be administered in May to those students who choose to take it. Cost of the IB exam is covered by IB fees paid by each student.

<b>Instructional Aides</b>
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**802206 Bio-Lab Tech** (Prerequisite: Biology and Science faculty recommendation)

A one credit course for students interested in lab technology. Students are assigned to all science teachers. They will assist in preparing and monitoring labs. They will be involved in all levels of science courses and computer activities. Students must have completed biology and be proficient with computers and programs such as Word, Excel, PowerPoint, etc. This class does not count as a science credit toward graduation. Placement must be approved by teacher and counselor.

**802206 Library Media Aide**

The library media student aides provide a variety of duties supportive to our library and our school. These include the following essential functions: checking books in and out, shelving books using the Dewey Decimal System, copying, lamination, delivery and retrieval, maintaining general organization/cleanliness of library, helping visitors, and running errands to and from classrooms across campus. This is not a study hall class.

Other responsibilities include timeliness in reporting to class and completing multi-step tasks efficiently, working as a team and addressing others respectfully and tactfully at all times. Junior and Senior students may request library media student aide positions. Grades are awarded based on their performance over the course of the specified term using a grading rubric. Student aides earn credit based on the timeframe spent as an aide (.5 credit per 9 weeks or 1.00 credit per 18 weeks).

**802206 Special Education Aide**

Note: Student aides earn credit based on the timeframe spent as an aide (.5 credit per 9 weeks or 1.0 credit per 18 weeks). Placement must be approved by teacher and counselor.

**802106 Teacher Aide**

Note: No credit given. Placement must be approved by teacher and counselor.

**802106 Counselor Aide**

Note: No credit given. Placement must be approved by a counselor.

**802106 Administrative Office Aide**

Note: No credit given. Placement must be approved by an Assistant Principal.

## Important Phone Numbers

**Auburn City Board of Education .....(334) 887-2100**

**Auburn City Board of Education FAX .....(334) 887-2107**

**Auburn High School Administration .....(334) 887-4970**

Dr. Shannon Pignato, Principal  
Mrs. Laura Bailey, Career Technical Education Director  
Mr. Marvin Brown, Administrative Assistant  
Mr. Clay McCall, Athletic Director  
Mr. Bo Morrissey, Assistant Principal  
Mrs. Caroline Raville, Assistant Principal  
Mr. Damian Sinclair, Assistant Principal

**Auburn High School FAX.....(334) 887-4177**

**Auburn High School Counseling Department .....(334) 887-4982**

**Counseling Department Fax .....(334) 826-8032**

Mrs. Tiffany Pitts  
10<sup>th</sup> Graders (A-B) and 11<sup>th</sup> & 12<sup>th</sup> Graders (A-G)

Dr. Cassie Fairley  
10<sup>th</sup> Graders (C-E) and 11<sup>th</sup> & 12<sup>th</sup> Graders (H-O)

Mrs. Carrie Southern  
10<sup>th</sup> Graders (T-Z) and 11<sup>th</sup> & 12<sup>th</sup> Graders (P-Z)

Mrs. Nichole Warren  
10<sup>th</sup> Graders (F-S)

Mrs. Janet Nelson  
Registrar

**Mr. James Tindell.....(334) 887-4930**

College & Career Coordinator/Scholarships/IB Counselor/Advanced Placement Coordinator

**Mr. Davis Thompson .....(334) 887-4983**

IB Coordinator

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

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

**Any person having inquiries concerning Auburn City School District's compliance with the regulations implementing Title IX is directed to contact: Mrs. Cristen Herring, Assistant Superintendent at Auburn City Schools, P.O. Box 3270, Auburn, AL 36831-2100, (334) 887-2100.**





## **Auburn High School Alma Mater**

**Our Alma Mater, Auburn High  
We love to roam thy halls,  
Where knowledge grows,  
And friendship glows,  
Within thy dear old walls.  
You showed us how to make our way  
With steadfast faith in thee,  
To live aright from day to day  
In truth and loyalty.  
We offer you our song of praise  
As days go drifting by.  
We'll always cherish memories  
Of dear Ol' Auburn High.**