

# BOAZ HIGH SCHOOL



## Course Descriptions 2020-2021

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**All information in this book is subject to change  
pending new decisions from the Alabama State  
Department of Education**

**\*See Course Description Book on Boaz High School Website for the  
most up-to-date information.**

Boaz City Schools  
Non-Discrimination Policy

It is the policy of the Boaz City School System that no student be excluded from participation in, be denied the benefits of or subjected to discrimination in any program or activity, on the basis of sex, race, age, disability, religion, belief, national origin or color in its programs and activities and provides equal access to the Boy Scouts/Girl Scouts and other designated youth groups. Pursuant to the requirements of No Child Left Behind and the McKinney-Vento Homeless Assistance Act, all homeless children, migrants and English language learners must have equal access to the same free appropriate public education provided to all children and youth. All programs offered by schools within the school system shall be open to all students in compliance with statutory and judicial requirements. The enrollment of homeless, migrant and limited English proficient children shall not be denied due to any of the following barriers: lack of birth certificate, lack of school records or transcripts, lack of immunization records, lack of proof of residency, lack of transportation, unaccompanied: no guardian. For information regarding the compliance of this statement you may contact central office at the following number: (256) 593-8180.

## Pre-Registration Guidelines for 2020 – 2021 School Year

### **Important Keys to completing your Pre-Registration Form**

- Look carefully at the prerequisites/recommendations for courses you are interested in selecting.
- You will not be scheduled into a class for which you do not meet the prerequisite.
- Mark clearly which courses you are selecting.
- Remember you must select a math, science, history and English class each year or at least have a total of 4 credits in each area to graduate.
- Students **must select at least 7 elective choices**. Students who do not provide enough elective choices will be placed in classes as space is available. **Remember, you do not always get your first choices.**
- Our master schedule of assigning courses to teachers is based on YOUR course requests. We will **not accept any change requests after March 20th** that could result in this complicated puzzle being torn apart.
- Make sure you are meeting graduation requirements for the year that you entered 9<sup>th</sup> grade. If you have been retained in a grade and will not graduate with the class you started with, you are still responsible for the graduation requirements of that class.
- Students need to research college and career opportunities and requirements for entrance early in their high school years.
- Students need to know the college requirements for schools in which they will seek admission.
- Student athletes who plan to play at the college level need to make sure they are fulfilling NCAA and/or NAIA eligibility requirements.
- **Students who want to be recognized as a Distinguished Scholar at graduation need to make sure they are fulfilling the requirements listed in this book.**

# Alabama High School Graduation Requirements

<b>COURSE REQUIREMENTS</b>		
<b>English Language Arts</b>	<b><u>Four credits to include:</u></b>	<b><u>Credits</u></b>
	English 9	<b>1</b>
	English 10	<b>1</b>
	English 11	<b>1</b>
	English 12	<b>1</b>
<b>English Total Credits</b>		<b>4</b>
<b>Mathematics</b>	<b><u>Three credits to include:</u></b>	<b><u>Credits</u></b>
	Algebra I or (Algebra IA + Algebra IB)	<b>1</b>
	Geometry	<b>1</b>
	Algebra II w/Trigonometry, Algebra II or Algebra with Finance	<b>1</b>
	<b><u>One credit from:</u></b> <i>One additional math class – Algebra IB, Algebraic Connections, Pre-calculus, AP Calculus</i> <small>*Math Course of Study is under review by the State Dept. and graduation requirements are set to change.</small>	<b>1</b>
<b>Mathematics Total Credits</b>		<b>4</b>
<b>Science</b>	<b><u>Two credits to include:</u></b>	<b><u>Credits</u></b>
	Biology	<b>1</b>
	A physical science (Chemistry, Physics, Physical Science)	<b>1</b>
	<b><u>Two credits from:</u></b> <i>Environmental, Forensics &amp; Criminal Investigations, Anatomy/Physiology, Chemistry, Physics, AP Biology, AP Chemistry, Dual Enrollment science or CTE equivalents</i>	<b>2</b>
	<b>Science Total Credits</b>	
<b>Social Studies</b>	<b><u>Four credits to include:</u></b>	<b><u>Credits</u></b>
	World History	<b>1</b>
	United States History I	<b>1</b>
	United States History II	<b>1</b>
	United States Government	<b>0.5</b>
	Economics	<b>0.5</b>
Civics Test Requirement   Students are required to pass the Civics Test in the United States Government class effective the 2018-19 school year.		
<b>Social Studies Total Credits</b>		<b>4</b>
<b>Physical Education</b>	Lifelong Individualized Fitness Education (LIFE) or One JROTC Credit	<b>1</b>
<b>Health Education</b>		<b>0.5</b>
<b>Career Preparedness</b>		<b>1</b>
<b>Career and Technical Education and/or Foreign Language and/or Arts Education</b>		<b>3</b>
<b>Electives</b>		<b>2.5</b>

## **College and Career Ready**

The goal for Alabama education is that each student graduates from high school with the knowledge and skills to succeed in post-high school education and the workforce without the need for remediation.

Alabama defines a student as college- and career-ready if the student earns at least one of the following in addition to meeting all graduation requirements:

1. Benchmark score on any section of the ACT test.
2. Qualifying score on an AP or IB exam.
3. Approved transcribed college or postsecondary credit while in high school.
4. Benchmark level on the ACT WorkKeys.
5. Accepted for enlistment into the Military.
6. Approved industry credential.

## **COLLEGE & CAREER READY CHALLENGE**

**GOAL:** Increase the number of students earning College & Career Ready status by the end of eleventh grade.

**INCENTIVE:** Earn up to two off-campus, independent work/study periods during one's senior year.

**CRITERIA:**

### **A. Academic Incentive**

1. To earn one independent study period, the student must successfully complete (earn a C or better) by the end of the junior year one Advanced Placement (AP) course, or one dual enrollment course, AND be enrolled in an AP or dual enrollment course for the senior year.
2. To earn two independent study periods, the student must successfully complete (earn a C or better) by the end of the junior year two AP or two dual enrollment courses, OR one AP course and one dual enrollment course AND be enrolled in two AP courses or two dual enrollment courses, OR one AP and one dual enrollment for the senior year.

### **B. Additional Criteria Applicable**

1. Must be on track for graduation.
2. No more than 2 unexcused absences the previous school year.
3. No major disciplinary infractions the previous school year.

### **College Prep**

College Prep classes are designed to better prepare students for the rigorous curriculum encountered in an Advanced Placement and/or college level course. College Prep classes that are taught by teachers who have attended Laying the Foundation (LTF) training provided by the A+ College Ready Grant may receive an additional 5 points added to the semester average, not to exceed a grade of 105.

### **Advanced Placement (AP) Program**

Advanced Placement classes are taught at a college level. Students will be challenged academically and have the opportunity to earn college credit by making a qualifying score on the AP exam. AP courses have a weighted grade of 10 points. Ten points for each AP class will be added to a student's semester average at the end of each semester, not to exceed a grade of 110.

### **Dual Enrollment Program**

Student in grades 10 – 12 may enroll in academic or career technical courses at 2- or 4-year colleges and earn both high school and college credit simultaneously. BHS currently has agreements with Snead State and The University of Alabama Early College. Students must meet the admission requirements of the college and will be responsible for paying tuition and fees directly to the college. Students should work closely with a school counselor during this process to ensure correct selection of courses. Ten points for each Academic/Core Dual Enrollment class will be added to a student's final average, not to exceed a grade of 110. The 10 points is for high school purposes only and does not affect the college grade/transcript.

### **AP Scholars – Discontinued after the graduating Class of 2021**

Students who successfully complete 3 or more AP courses may be recognized as an AP Scholar at Senior Awards Night and receive an honor cord (students do not have to earn a qualifying exam score).

### **Distinguished Scholars - \*\*New requirement beginning with Class of 2024**

In addition to meeting the Alabama High School Diploma requirements, students desiring to be recognized as Distinguished Scholars must meet additional requirements indicative of additional rigor:

- Pre-calculus as the fourth math or higher math \*Subject to change based on new math requirements by the Alabama State Department of Education
  - 11<sup>th</sup> and 12<sup>th</sup> grade sciences must be from the following: Physics, Anatomy/Physiology (or its CTE equivalents) AP Chemistry or AP Biology or Dual Enrollment sciences
  - One AP course or one college dual enrollment course
  - 2 College Prep courses
  - A sequence of two courses in foreign language, career tech education or the fine arts.
- Any college dual enrollment course or AP course can be substituted for a College Prep course.
- An 80% average must be earned in each of the above classes. **\*\* New requirement – an 80 average must be earned each semester in every class for high school credit.**
- Algebra IA/IB sequence is not acceptable as an option for this distinction.

Students receiving these awards may be recognized with Pennant Collars at graduation and with Distinguished Scholar seals placed on their diplomas.

# Boaz High School Credit Check Worksheet

**CHECKLIST:**  
(24 CREDITS REQUIRED)

**SNEAD DE:** \_\_\_\_\_ **UA DE:** \_\_\_\_\_

**ENGLISH (4)**

_____ 9 English		
_____ 10 English		
_____ 11 English	_____ ENG101/102	ENG 101/102
_____ 12 English	_____ Amer. Lit/Brit. Lit	

**MATH (4)**

_____ Algebra I		
_____ Algebra IA		
_____ Algebra IB		
_____ Geometry		
_____ Algebraic Connections		
_____ Algebra II or Algebra w/Finance		
_____ Algebra II w/Trig		
_____ Pre-Calculus	_____ MTH 112 or 113	MTH 112
_____ Calculus (AP)	_____ MTH 125 or 126	

**CAREER TECH/FOREIGN  
LANG/FINE ARTS ELECTIVES: (3)**

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**SCIENCE (4)**

_____ Biology *required		
_____ Physical **		
_____ Chemistry**		
_____ Forensic & Criminal Investigation		
_____ Anatomy/Physiology	_____ BIO 201	
_____ Environmental		
_____ Physics **	_____ PHS 201	PH 101
_____ AP Chemistry **	_____ CHM 111	CH 101
_____ AP Biology	_____ BIO 103	BSC 114
_____ Other: _____		

**OTHER ELECTIVES: (2.5)**

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\*\*Required to have at least 1 of these courses.

**SOCIAL STUDIES (4)**

_____ World History/Geography		
_____ U.S. History/Geography I	_____ HIS 201	HY 103
_____ U.S. History/Geography II	_____ HIS 202 (or AP)	HY 104
_____ American Government (1/2)	_____ POL 211 (or AP)	
_____ Principles of Economics (1/2)	_____ ECO 231 or 232	EC 110 or 111

\_\_\_\_\_ **PHYSICAL EDUCATION (1)**

\_\_\_\_\_ **HEALTH (1/2)**

\_\_\_\_\_ **CAREER PREPARATION (1)**

**\*\*Distinguished Scholar – make sure you are following the guidelines listed on the above pages in the Course Description Book – STUDENT’S RESPONSIBILITY.**

\*\*The Alabama State Department of Education is currently in the process of looking at changes to the Math Course of Study. Changes will take place that will affect the course requirements and offerings. \*\*

# English

## **English 9:**

Credit: 1.0

Supply Cost: none

Prerequisite: Language Arts 8

Students will work successfully to gain the knowledge and the skills needed to effectively complete the 9th grade. English 9 integrates the study of world literature with comprehensive grammar, usage, composition skills, reading, writing, and research. Students will master all 9th grade College and Career Readiness Standards (CCRS) and will expand their verbal lexicon by being exposed to academic vocabulary on a weekly basis. Students will use fictional literature, nonfictional literature, informational texts, and grammatical resources to accomplish these objectives. Additional emphasis will be placed on novels, short stories, poetry, essays, biographical texts, newspapers, and magazines.

## **College Prep English 9:**

Credit: 1.0

Supply Cost: cost of novels

Prerequisite: 80 overall average in Language Arts 8

Curriculum content is the same as English 9 listed above.

They will be instructed and assessed on a deeper, more intellectual level than standard students. Required reading outside of the classroom will be assigned and must be completed to meet deadlines set by the teacher. They will also bring maturity and responsibility to the classroom experience. Advanced students must claim ownership of their academic success by demonstrating a higher level of self-discipline in all aspects of 9<sup>th</sup> grade CCRS.

## **English 10:**

Credit: 1.0

Supply Cost: none

Prerequisite: English 9

Students will work successfully to gain the knowledge and the skills needed to effectively complete the 10th grade. English 10 integrates the study of early American literature through 1900 with comprehensive grammar, usage, composition skills, reading, writing, research, and constructive response to writing. Students will master all 10th grade College and Career Readiness Standards (CCRS) and will expand their verbal lexicon by being exposed to academic vocabulary on a weekly basis. Students will use fictional literature, nonfictional literature, informational texts, and grammatical resources to accomplish these objectives. Additional emphasis will be placed on novels, short stories, poetry, essays, biographical texts, newspapers, and magazines.

## **College Prep English 10:**

Credit: 1.0

Supply Cost: cost of novels

Prerequisite: 80 overall average in previous English class

Curriculum content is the same as English 10 listed above.

They will be instructed and assessed on a deeper, more intellectual level than standard students. They will also bring maturity and responsibility to the classroom experience. Advanced students must claim ownership of their academic success by demonstrating a higher level of self-discipline in all aspects of 10<sup>th</sup> grade CCRS.

## **English 11:**

Credit: 1.0

Supply Cost: none

Prerequisite: English 10

Students will work successfully to gain the knowledge and the skills needed to effectively complete the 11th grade. English 11 integrates the study of twentieth and twenty-first century American literature with comprehensive grammar, usage, composition skills, reading, writing, research, and constructive response to writing. Students will master all 11th grade College and Career Readiness Standards (CCRS) and will expand their verbal lexicon by being exposed to academic vocabulary on a weekly basis. Students will use fictional literature, nonfictional literature, informational texts, and grammatical resources to accomplish these objectives. Additional emphasis will be placed on novels, novellas, short stories, poetry, essays, biographical texts, newspapers, magazines, journals, and online resources and databases.

## **Advanced Placement (AP) English Language and Composition:**

Credit: 1.0

Supply Cost: \$94 AP test fee plus cost of novels

Prerequisite: 11th or 12<sup>th</sup> grade with an 85 average in previous English course; 9<sup>th</sup> & 10<sup>th</sup> College Prep English recommended.

AP English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students should learn to read primary and secondary sources carefully, to synthesize material from these texts in their own compositions, and to cite sources using conventions recommended by professional organizations.



**English 12:**

Credit: 1.0

Supply Cost: none

Prerequisite: English 11

Students will work successfully to gain the knowledge and the skills needed to effectively complete the 12th grade. English 12 integrates the study of English literature with comprehensive grammar, usage, composition skills, reading, writing, research, and constructive response to writing. Students will master all 12th grade College and Career Readiness Standards (CCRS) and will expand their verbal lexicon by being exposed to academic vocabulary on a daily basis. Students will use fictional literature, nonfictional literature, informational texts, and grammatical resources to accomplish these objectives. Additional emphasis will be placed on novels, short stories, poetry, essays, biographical texts, newspapers, magazines, journals, and online resources and databases.

**Advanced Placement (AP) English Literature and Composition:**

Credit: 1.0

Supply Cost: \$94 AP test fee plus cost of novel

Prerequisite: 12<sup>th</sup> grade and 85 in previous English course; previous College Prep English recommended.

AP English Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone

**ENG 101 & 102:**

Credit: 2.0 – 1 per course

Cost: Tuition per Snead State requirement

Prerequisite: 11<sup>th</sup> or 12<sup>th</sup> grade; Meet college admission requirement for Dual Enrollment – 3.0 GPA

These are Snead State college dual enrollment courses that are taught at BHS by a BHS faculty member during the normal school day. English 101 will be taught first semester and English 102 will be taught second semester. Students must apply for college admission, complete dual enrollment paperwork, register for the course (at Snead) and pay tuition to Snead State.

**Must have 25 students enroll for class to make at Boaz High School**

# MATH

**Math Sequences**

The following are math course sequences that can meet the requirements for the New Alabama High School Diploma. Students and parents will have the option of choosing one of these sequences to follow.

Geometry w/Data Analysis (new for 9 <sup>th</sup> )	Algebra I Geometry Algebra II w/trig Precalculus	Algebra I Geometry Algebraic Connections Algebra with Finance	Algebra IA Algebra IB Geometry Algebra with Finance
	Algebra I Geometry Algebra II or w/Finance College Ready Math		

**Students who completed Algebra I in the 8<sup>th</sup> grade may choose from the following sequences: (Only 3 additional math classes are required, for a total of 4 credits. However, students are encouraged to continue on with their math studies.)**

Geometry Algebra II w/trig Precalculus (with $\geq 85$ in Alg. II) AP Calculus or Algebra with Finance	Geometry Algebra II w/trig Algebra with Finance (with $< 85$ in Alg. II) or College Ready Math
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**\*\*The Alabama State Department of Education has recently made changes to the Math Course of Study. These changes will affect the course requirements and offerings. Counselors and teachers will work with students to make appropriate choices \*\***

**Algebra I:** Credit: 1.0 Supply Cost: None\*  
Below 85 average in Pre-Algebra. Recommendation by the Algebra Placement Team.  
Algebra I includes solving equations, operation of real numbers, quadratic functions, rational and irrational numbers, systems of equations and graphs. \*Calculator requirement: Graphing Calculator TI 84 Plus CE

**College Prep Algebra I:** Credit: 1.0 Supply Cost: None\*  
Prerequisite: Minimum grade of 85 or higher in Pre-Algebra. Recommendation by the Algebra Placement Team  
Algebra I includes solving equations, operation of real numbers, quadratic functions, rational and irrational numbers, systems of equations and graphs. \*Calculator requirement: Graphing Calculator TI 84 Plus CE

**Algebra IA:** Credit: 1.0 Supply Cost: None\*  
Prerequisite: None  
The first course of a two-unit course; this covers the first half of Algebra I. Topics include solving equations, graphing, and operations with rational numbers. \*Calculator requirement: Scientific calculator

**Algebra IB:** Credit: 1.0 Supply Cost: None\*  
Prerequisite: Successful completion of Algebra IA  
The second course of a two-unit course; the second half of Algebra I will be covered. Topics include operations with polynomials, solving systems of equations and radicals. \*Calculator requirement: Scientific calculator  
**\*\*SPECIAL NOTICE: A STUDENT MUST COMPLETE BOTH ALGEBRA IA AND ALGEBRA IB IN ORDER TO FULFILL THE STATE REQUIREMENT FOR AN ALGEBRA CREDIT.**

**Geometry:** Credit: 1.0 Supply Cost: None\*  
Prerequisite: Must have completed Algebra IA/IB or Algebra I: Successful completion of Algebra IA/IB or below 85 in Algebra I  
Geometry offers instruction in both the basic structure of geometry and development of the formal representation of logical arguments including the application of logical principles to geometric proofs.  
\*Calculator requirement: Minimum of a scientific calculator.

**College Prep Geometry:** Credit: 1.0 Supply Cost: None\*  
Prerequisite: Minimum grade of 85 or higher in Algebra I or 90 in Algebra IA/IB  
Geometry offers instruction in both the basic structure of geometry and development of the formal representation of logical arguments including the application of logical principles to geometric proofs.  
\*Calculator requirement: Graphing Calculator TI 84 Plus CE

**Algebraic Connections:** Credit: 1.0 Supply Cost: None  
This course designed for students who wish to increase their mathematical knowledge and skills prior to enrollment in the Algebra II course or the Algebra II with Trigonometry course. Algebraic Connections expands upon the concepts of Algebra I and Geometry, with an emphasis on applying functions to make predictions and to calculate outcomes.

**Algebra with Finance** Credit: 1.0 Supply Cost: None  
Prerequisite: Successful completion of Algebra IA/IB and Geometry or Algebra I, Geometry  
SENIOR CLASS ONLY – See a counselor for special circumstances.  
Algebra with Finance is a college and career preparatory course that integrates mathematics to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level. This course may be used as the fourth math credit or an elective. \*Calculator requirement: Scientific calculator

**Algebra II with Trigonometry:** Credit: 1.0 Supply Cost: None\*  
Prerequisite: Minimum average of an 85 in Algebra I and Geometry (90 in Alg. Connections if applicable) or 90 in Algebra IA/IB and 85 in Geometry.  
Algebra II w/trig includes the study of mathematical systems and graphs, equations and graphs of lines and curves, complex fractions, exponential functions, complex numbers, radicals, and trigonometry. \*Calculator Requirement: Graphing calculator

**College Ready Math:** Credit: 1.0 Supply Cost: None  
Prerequisite: ACT math score of 15 – 18  
This course is for **Seniors** who have completed Algebra II w/trig or Algebra w/Finance and would like to be better prepared for College Math.

**Pre-calculus:**

Credit: 1.0

Supply Cost: None\*

Prerequisite: An 85 in Algebra II with Trigonometry

The course is a survey of higher mathematics. It covers topics including relations, functions, and graphs, advanced trigonometry with applications, vectors and parametric equations, polar coordinates, complex numbers, conics, exponential and logarithmic functions and discrete mathematics. \*Calculator Requirement: Graphing calculator

**Math 112 Precalculus Algebra/Math 113 Precalculus Trigonometry**

Credit 2.0 – 1 per course Supply Cost: College

Tuition

Prerequisite: 11<sup>th</sup> or 12<sup>th</sup> grade; Meet college admission requirement for Dual Enrollment – 3.0 GPA; Completed high school Algebra I, Geometry and Algebra II; Appropriate ACT or math placement score or grade in previous math classes.

These are Snead State college dual enrollment courses that are taught at BHS by a BHS faculty member during the normal school day. Math 112 will be taught first semester and Math 113 will be taught second semester. Students must apply for college admission, complete dual enrollment paperwork, register for the course (at Snead) and pay tuition to Snead State.

**AP Calculus:**

Credit: 1.0

Supply Cost: \$94 AP test fee

Prerequisite:

A 90 average in all previous high school math courses, including Algebra, Geometry, Algebra II with Trig, and Pre-calculus; ACT Math score of 20+. **\*Juniors only may advance from Algebra II w/trig to AP Calculus with recommendation from teacher.** Calculus is the assembling of all knowledge of high school mathematics courses. It introduces the processes of differentiation and integration and the applications of both. AP Calculus is concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications, emphasizing a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Broad concepts and widely applicable methods are emphasized.

\*Graphing calculator required.

## Social Studies

**Modern World History & Geography:**

Credit: 1.0

Supply Cost: None

Prerequisite: Freshman

This course focuses on critical issues regarding politics, economics, society, culture, and geography throughout the world since 1500. The course begins with a study of the extension of the networks of communication and exchange that linked individuals and societies more tightly from 16<sup>th</sup> century to the 19<sup>th</sup> century to the global crises of the first half of the 20<sup>th</sup> century. The course concludes with a study of the global acceleration that has taken place since the end of World War II. Recent developments in the world will provide topics and issues for discussions, debates, and analysis.

**College Prep Modern World History & Geography**

Credit 1.0

Supply Cost: None

Prerequisite: Freshman; Recommended: Recommendation by the 8<sup>th</sup> grade social studies teacher.

This class will cover the same information listed above, but will be more in-depth and require deeper analyses and understanding of material. Students will be required to conduct more out of class work than the regular class. Outside reading and writing assignments will enhance and broaden subject matter.

**United States History I:**

Credit: 1.0

Supply Cost: None

Prerequisite: Sophomore; Modern World History and Geography

This course covers the historical development of American ideas and institutions from the earliest inhabitants in North America to the Industrial Revolution. While focusing on political, economic, social and cultural history, the course provides students with a basic knowledge of America through a chronological survey of major issues, movements, people, and events in the United States and Alabama.

**College Prep United States History I:**

Credit: 1.0

Supply Cost: None

Prerequisite: Sophomore; Recommended: (A) 90 average in World History and Geography or (B) 80 average in College Prep World History and Geography.

This course covers the same information listed above but it anticipates the student will already have gained and retained more general knowledge from previous American history courses at lower grade levels, making introductory content unnecessary. Students will be required to conduct more out of class work than the regular class. Outside reading and writing assignments will enhance and broaden subject matter. In addition, there will be an increased use of online resources, which includes assignments outside of the classroom. Having access to the internet and viewing device is desirable, but not required.

**United States History II:**

Credit: 1.0

Supply Cost: None

Prerequisite: Junior; United States History I

This course continues the study of United States history from the sophomore course. While focusing on political, economic, social, cultural history, the course provides students with a basic knowledge of the United States through a chronological survey of major issues, movements, people, and events in the United States and Alabama. The course begins with the industrialization of the late 19<sup>th</sup> century. The bulk of the course content focuses on the events of the 20<sup>th</sup> century and concludes with contemporary issues in the United States since 9/11. The knowledge and understanding gained during previous years of study provide the foundation for critical analyses required in this course.

**AP United States History:**

Credit: 1.0

Supply Cost: \$94 AP test fee

Prerequisite: Junior; Recommended: (A) 90 average in United States History I, or (B) 80 average in College Prep (Advanced) U.S. History I and teacher recommendation. This course is a survey of United States History taught at a level commensurate with an entry-level college course. It provides students with the analytical skills and factual knowledge necessary to deal critically with the issues in U.S. history. Students will learn to utilize historian skills of analyzing primary and secondary documents. They will learn to assess historical materials and their reliability and significance to the interpretation of themes and problems in history. AP U.S. History will help students develop the skills necessary to make informed judgments and to present reasons and evidence clearly and persuasively in essay format.

**Government:**

Credit: 0.5

Supply Cost: None

Prerequisite: Senior

This course draws on knowledge and skills from the previous study of United States History and World History and Geography as background information. The course focuses on the origins and functions of government as well as intellectual influences in the development of representative democracy in America. Through a detailed study of the United States Constitution, students become knowledgeable of the structure and workings of government at all levels in the state and nation.

**Economics:**

Credit: 0.5

Supply Cost: None

Prerequisite: Senior

This course focuses on the workings and institutions of modern-day economic systems, economic theory, and consumer economics. Students apply the knowledge and understanding acquired in their study of economic factors over time to their study of contemporary problems in economics. The study of economics includes the use and interpretation of maps, charts, graphs, tables, and other expressions of statistical data.

**AP Government/College Prep Economics:**

Credit: 0.5

Supply Cost: \$94 AP test fee

Prerequisite: Senior; Recommended: (A) 90 average in U.S. History II or World History (or history taken in 11<sup>th</sup> grade); or have taken AP U.S. History and teacher recommendation.

A student must take both College Prep Economics and AP Government. This class will cover the same materials listed above, but will be more in-depth and require deeper analyses and understanding of material. Students will be required to think and work more independently and will be required to do more out of class work than the regular class.

## Science

\* Denotes classes that will meet requirements for Distinguished Scholar

**Biology:**

Credit: 1.0

Supply Cost: \$15.00

Prerequisite: Freshman or any student who hasn't fulfilled the Biology graduation requirement.

Biology is a fundamental course in biology including topics on experimental methods, basic human body chemistry, cellular biology and metabolism, genetics, microbiology, zoology, and ecology. Biology cannot be taken after tenth grade except as a repeat subject.

**College Prep Biology:**

Credit: 1.0

Supply Cost: \$15.00

Prerequisite: Freshman or any student who hasn't fulfilled the Biology graduation requirement.

College Prep Biology is an advanced level class to prepare students for AP Biology in the 11<sup>th</sup> or 12<sup>th</sup> grade. This course will move at a faster pace and cover more in-depth material than a standard Biology class.

**Chemistry:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Sophomore or any student who hasn't fulfilled the "a physical science requirement"

This fulfills the "a physical science requirement" for graduation. Investigation of empirical concepts central to biology, earth science, environmental science, and physiology; in-depth investigations on the properties and interactions of matter including matter and its interactions, concentration of forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life.

**College Prep Chemistry:**

Credit: 1.0

Supply Cost: \$30.00

Recommended: Algebra I with an “80” average or higher.

This fulfills the “a physical science requirement” for graduation. Highly recommended for college-bound students. This is a course for those students planning careers in medicine, chemistry, engineering, or other fields that depend on the knowledge of chemistry. Advanced investigation of empirical concepts central to biology, earth science, environmental science, and physiology; in-depth investigations on the properties and interactions of matter including matter and its interactions, concentration of forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life.

**\*AP Chemistry:**

Credit: 1.0

Supply Cost: \$30.00 &amp; \$94 AP test fee

PREREQUISITE: THE COLLEGE BOARD RECOMMENDS THAT THE AP CHEMISTRY COURSE IS DESIGNED TO BE TAKEN AFTER THE SUCCESSFUL COMPLETION OF HIGH SCHOOL CHEMISTRY AND A SECOND-YEAR ALGEBRA COURSE. THIS COURSE SHOULD BE TAKEN THE YEAR AFTER COLLEGE PREP CHEMISTRY.

Prerequisite: Grade of 85 or higher in Chemistry – recommended to take College Prep Chemistry.

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for chemistry; atomic theory and structure; chemical bonding; nuclear chemistry; gases; liquids and solids; solutions; reaction types; stoichiometry; equilibrium; kinetics; thermodynamics

**\*Physics:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Geometry and Algebra II w/trig with an 80 average.

This fulfills the “a physical science requirement” for graduation. Recommended for 11<sup>th</sup> and 12<sup>th</sup> graders.

Dealing with the physical science of energy and matter, this course is designed to stress the relationship between mathematics and science. Course content includes mechanics, heat, waves, electricity, magnetism, and electronics. It is especially recommended for students interested in the field of engineering, architecture, or medicine.

**\*AP Biology:**

Credit: 1.0

Supply Cost: \$30.00 &amp; \$94 AP test fee

PREREQUISITE: IT IS RECOMMENDED THAT THE AP BIOLOGY COURSE IS DESIGNED TO BE TAKEN AFTER THE SUCCESSFUL COMPLETION OF A FIRST COURSE IN HIGH SCHOOL BIOLOGY AND ONE IN HIGH SCHOOL CHEMISTRY AS WELL. RECOMMENDED: COLLEGE PREP BIOLOGY & COLLEGE PREP CHEMISTRY

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for biology; scientific process and application skills; molecules; cells; heredity; evolution; organisms; populations.

**\*Anatomy/Physiology:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Junior or Senior

Recommended: An 80 average or higher in Biology. This course is an in-depth study in human anatomy and physiology with emphasis on all body systems. This course is especially recommended for those juniors and seniors who plan to enter a medical field. Participation in dissection labs required.

**Environmental Science:**

Credit: 1.0

Supply Cost: \$15.00

Prerequisite: Junior

This course is a study of key topic areas including Earth’s systems, energy flow, terrestrial and aquatic ecosystems, and ecological structures. Students will use scientific skills and explore the processes of major environmental concepts.

**Forensic & Criminal Investigation**

Credit: 1.0

Supply Cost: \$15.00

Prerequisite: Senior

The course is ideal for anyone interested in learning about the history, techniques, and applications of forensic science. This is a science course involving investigative techniques and lab work. In this course students will learn about the history, techniques, and laws of forensic science. \*This course does not meet a career tech requirement.

## Foreign Language

**Spanish I:**

Credit: 1.0

Supply Cost: \$15.00

Prerequisite: Passing grade in previous year/current year English/Language Arts course

This course is designed to fulfill the student’s need to develop his or her ability to understand and to communicate in Spanish in everyday practical situations that he or she may encounter both in the United States and abroad. A second and equally important goal is the acquisition of the skills necessary for effective reading in Spanish. In Spanish I, the student will be expected to understand (read and listen) and to produce (speak and write) in the target language. Memory work will aid greatly in acquiring skills needed to learn Spanish.

**Spanish II:** Credit: 1.0 Supply Cost: \$15.00  
Prerequisite: Successful completion of Spanish I  
This course is designed to fulfill the student's need to develop his or her ability to understand and to communicate in Spanish in everyday practical situations that he or she may encounter in the United States and abroad. A second and equally important goal is the acquisition of the skills necessary for effective reading in Spanish. In Spanish II, the student will be expected to understand (read and listen) and to produce (speak and write) in the target language. Memory work will aid greatly in acquiring skills needed to learn Spanish.

**Spanish III:** Credit: 1.0 Supply Cost: \$15.00  
Prerequisite: Successful completion of Spanish II  
This course is designed to put into practice the content and grammatical concepts learned in Spanish I and II. Advanced grammar concepts will be introduced and used in reading and writing activities. Speaking and listening skills will become more effective in the target language that they were in Spanish II. A heightened comprehension of the Spanish language will occur through learning how to translate back and forth between English and Spanish.

## Physical/Health/Driver Education

**Lifelong Individualized Fitness Education (LIFE PE):** Credit: 1.0 Supply Cost: None\*  
This course is required for graduation. Individualized fitness plan for lifetime fitness is the focus. Dressing out and participation are required and are the foundations of the grading system. \*Gym clothes are required (not a specific uniform). LIFE PE – Football, Basketball, Baseball, Cheerleading, Golf, Softball, Swim, Cross-Country, Volleyball

**Team Sports:** Credit: 1.0 Supply Cost: None  
Pre-requisite: LIFE PE, open to 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> graders  
Activities include but are not limited to: basketball, volleyball, flag football, soccer, diamond games and other team sports. If enough interest is shown this class could be developed into Intramural Sports Teams for in-school competition.  
*\*THIS COURSE DOES NOT MEET THE LIFE PE REQUIREMENT FOR GRADUATION*

**Fitness and Conditioning:** Credit: 1.0 Supply Cost: None  
Pre-requisite: LIFE PE, open to 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> graders  
The focus of this class is to build strength through regular participation in weightlifting opportunities provided in class. The lifting will primarily focus on free weightlifting techniques, weight room safety, and proper rest and nutrition for maximum results. In this class, students will be expected to lift 3 days per week in class throughout the year. Agility and conditioning are incorporated during lifting days and are also the focus of classes 2 days per week and as a part of lifting during lifting workouts. Students are expected to participate in all the activities during class. Students are also expected to keep track of their lifting progress; chart lifts each day during class and chart their cardio workouts as well.  
*\*THIS COURSE DOES NOT MEET THE LIFE PE REQUIREMENT FOR GRADUATION*

**Lifetime Activity Sports:** Credit: 1.0 Supply Cost: None  
Pre-requisite: LIFE PE, open to 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> graders  
Students will participate in table tennis, badminton, pickle ball, Frisbee games, and other individual and dual sports.  
*\*THIS COURSE DOES NOT MEET THE LIFE PE REQUIREMENT FOR GRADUATION*

**Driver Education Skills:** Credit: 0.5 Supply Cost: \$30.00  
Prerequisite: Minimum age is 15 years old  
There will be 30 hours of classroom instruction on traffic laws, safety, and proper driving techniques plus five hours of boater's safety. Later, students will drive a car in the Boaz area while the instructor monitors their efforts. Sheer numbers desiring this course limit enrollment to upperclassmen. \*Students should already have some practice driving. Driver's education is not designed to teach a student who has never operated a vehicle. Students who want to take the test for their Driver's License must have a Driver's Permit for 6 months prior to taking the test.

\*Summer Option: Students will have the option of taking Dr. Ed. in the summer this year. Anticipated schedule will be one week of classroom instruction for 4 - 5 hours each day and then driving time scheduled throughout the next 4 weeks. Course will probably be schedule during the month of June. – Summer School tuition of \$150 will apply.

**Health Education:**

Credit: 0.5

Supply Cost: none

Basic concepts of wellness and health promotion; accessing health information, products and services; application of health decision-making and goal-setting skills; impact of technology on health.

## Miscellaneous Electives

**Contemporary Issues:**

Credit: .5

Supply Cost: None

Prerequisite: Sophomore, Junior, or Senior

This class is the study of current events of local, state, national, and international interest; media information analysis, political coverage, and techniques; analysis of current events from geographical, historical, political, social, and cultural perspectives. Students will participate in class discussion and debate over ethical dilemmas.

**Library Media/Yearbook I, II, III, IV**

Credit: 1.0

Supply Cost: None

Prerequisite: Application process and teacher recommendations required. **PICKUP APPLICATION IN THE LIBRARY**

This class will be focused on learning the management of a library media center. Students will be expected to learn the system of cataloging in the library, the library management software, how to operate copier machines, etc. Students will be expected to help with the Jolly Roger if needed. Students will also be expected to work on yearbook during this time. Students must learn the yearbook software program, be willing to market the yearbook, and create layouts.

**Peer Mentors**

Credit: 1.0

Supply Cost: None

Prerequisite: Juniors/Seniors with the ability to assist other students. **PICKUP APPLICATION IN THE COUNSELING OFFICE**

Peer Mentors are assigned to work with students during class to aide with organization, comprehension, and other academic skills necessary to be successful. A committee made up of faculty members will select Peer Mentors.

## Fine Arts

**Music, Elements of Arts Literacy:**

Credit: .5

Supply Cost: none

Prerequisite: None

This half credit course will provide basic instruction in music. Students will explore how to create and produce music, responding and connecting them to historical, current and personal events. Students will have an introduction to history of music, and the ethical and appropriate use of the medium.

**Visual Art I:**

Credit: 1.0

Supply Cost: \$25.00

Prerequisite: None

This visual art class will lay the foundation upon which all other visual art classes are built. The class will learn different types of drawing, inking, layout and design skills. There will also be a brief introduction to sculpting. Students will be graded based on their work according to their abilities.

**Visual Art II:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Visual Art I (Full Year) with a "C" or above or permission of teacher

This class will continue building upon the styles of art learned in Visual Art I. This class will focus more on original designs, pastels, watercolor, charcoal, sculpting, collage and various other mediums. Students will work independently and in groups. Students will be graded based on their work according to their abilities.

**Visual Art III:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Visual Art II with a "B" or above and permission of teacher

This class will continue building upon the styles of art learned in Visual Art I and II. This class will focus on painting, sculpting, murals, photography, mixed media and other various mediums. This class will focus more on design, layout, and logo design. There will also be time to build and work on portfolios. This class will work more independently than Art I or II. This class will require some artwork to be done outside of class. Students will be graded based on their work according to their abilities.

**Visual Art IV**

Credit: 1.0

Supply Cost: \$40.00

Prerequisite: Permission of teacher

This class will be an independent study class. Students and teachers will prepare lessons together. The student will be responsible for completing work in a timely manner, depending on the difficulty of the project. This class can only be taken while another visual art class is in session. This class will require some artwork to be done outside of class. Students will be graded based on their work according to their abilities.

**Theatre I - Basic Theatre and Acting Techniques:** Credit: 1.0 Supply Cost: \$30.00

Prerequisite: None

This class focuses on basic acting and technical skills used in performing arts. It will focus on stage presence, voice projection, adlibbing, interaction between other actors and audience. The class will also learn basic lighting and audio skills, along with scenery and prop building skills. Students will also study others performances and learn the art of critiquing performances, scriptwriting, puppetry, costuming and filming and editing. The members of this class may be used in helping with performances in school productions. AFTERNOON REHEARSALS ARE A PART OF THE STUDENT'S GRADE.

**Theatre II/III/IV:** Credit: 1.0 Supply Cost: \$30.00

Prerequisite: Grades 9-12; Must audition and be approved by teacher.

Students will prepare and perform skits/plays throughout the year. The class members will be at times be required to work outside of normal class times in order to prepare for performances. The class will use individual talents of students to perform, control sound and lighting, video, film editing, building/making props, directing, writing, and musical talents among other talents that individuals may possess. The goal of this class is 3 or more performances throughout the year: Boaz Night Live, Boaz Has Talent and a major play. AFTERNOON REHEARSALS ARE A PART OF THE STUDENT'S GRADE.

**Show Choir:** Credit: 1.0 Supply Cost: \$30.00

Prerequisite: Auditions

Show choir is a musical ensemble open to students who audition. Vocal technique is emphasized as well as dancing skills and action ability. Auditions are in the spring. \*The purchase of a uniform is required in addition to the supply cost.

**Marching Band:** Credit: 0.5 Supply Cost: \$25.00

Prerequisite: Director's approval; must register for concert band also

This band class is offered to students 9-12 in the fall term. Students not presently enrolled must receive prior approval before registration.

**Concert Band:** Credit: 0.5 Supply Cost: \$25.00

Prerequisite: Director's approval; must register for marching band also

This band class is offered to students 9-12 in the spring term. Students not presently enrolled must receive prior approval before registration. All Marching Band students who play an instrument must enroll.

**Jazz Band:** Credit: 1.0 Supply Cost: \$25.00

Prerequisite: Audition/Director's approval

The Jazz Band is a performing ensemble that gives students the opportunity to perform standard jazz repertoire, as well as contemporary popular and rock and roll selections. Performances will include at least two concerts, and the jazz band will also serve as a "pep band" for select basketball games.

## **Career Technical Education**

### **Articulation Agreement**

A formal articulation agreement has been signed between the Boaz City Board of Education and Snead State Community College. Under this agreement students completing the Business/Marketing Education Program can receive advanced placement for certain courses at Snead State Community College.

### **Non-Discrimination Policy**

It is the policy of the Boaz City School System that no student be excluded from participation in, be denied the benefits of or subjected to discrimination in any program or activity, on the basis of sex, race, age, disability, religion, belief, national origin, or color. Any student determined Homeless by the McKinney Homeless Assistance Act or Migrant or English Language Learner will not be denied admission or discriminated against by any school or program in the Boaz City School System. Any parent or legal guardian wishing to raise questions, lodge complaints or express other concerns is invited to participate in resolving issues believed to be discriminatory by contacting:

Dr. Todd Haynie, Superintendent of Education  
256-593-8180



**Career Preparedness A and B**

Credit: 0.5 / 0.5

Supply Cost: None

*Graduation requirement beginning with students who entered the 9<sup>th</sup> grade in 2013-14*

The Career Preparedness course focuses on three integrated areas of instruction—academic planning and career development, financial literacy, and technology. Course content ranges from college and career preparation to computer literacy skills to ways to manage personal finances and reduce personal risk. Designed to be interwoven throughout course instruction, is the area of technology. 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.

Career Prep A is usually completed in 8<sup>th</sup> grade for students who attend Boaz Middle School.

Career Prep B will be completed in 9<sup>th</sup> or 10<sup>th</sup> grade as possible.

**• AGRICULTURE, FOOD, AND NATURAL RESOURCES**

- *Credentials/Certifications available: Beef Quality Assurance*

**Fundamentals of Agriscience:**

Credit: 1.0

Supply Cost: \$30.00

This course provides students with a fundamental 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. The emphasis for Fundamentals of Agriscience is based around the NCCER Core Curriculum including basic safety, construction math, hand tools, power tools, construction drawings, basic rigging, communication skills, employability skills, and materials handling.

**Intermediate Agriscience:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Agriscience or Fundamentals of Agriscience

This course provides students with an intermediate understanding 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. The emphasis for Intermediate Agriscience is plant systems.

**Fish and Wildlife Management:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Agriscience or Fundamentals of Agriscience

This course provides students with the opportunity to become knowledgeable of natural resources including fish and wildlife ecology, endangered species, and pest management. Specific content standards to be included in each of the courses are indicated in the Course of Study chart.

**• BUSINESS MARKETING EDUCATION**

- *Credentials/Certifications available: Microsoft Office Specialist Certification*

**\*Business Management and Administration Cluster****Business Technology Applications:**

Credit: 1.0

Supply Cost: \$30.00

Business Technology Applications is a one-credit foundation course designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications. Simulations and projects promoting teamwork, leadership, and workplace skills offer further opportunities for application of knowledge and skills.

**Business Technology Applications Advanced:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Business Technology Applications

A one-credit course that provides students with project-based applications of concepts learned in Business Technology Applications or Business Essentials. Personal computing and business skills are integrated throughout the course as students use a variety of software applications to produce and prepare documents for publication and learn how to select appropriate software for generating information. A major emphasis is placed on guiding students through real-world experiences to aid in the school-to-career transition. Also incorporated into this course is the Microsoft Information Technology Academy, which provides students with real-world technology skills they need to be successful in college and a career. MSITA provides students, teachers, and staff members an opportunity to earn industry certifications. The program provides students with the tools they need to effectively train on Microsoft technologies, prepare students for the global economy, and create a skilled community. This subscription-based membership program offers curricula, courseware, and online learning for students focused on a profitable career path, life-long learning, and Microsoft Office Specialist (MOS) certification. Microsoft Office Specialist (MOS) is the credential required by academia and business, recognized globally as the premier credential chosen by individuals seeking to validate their knowledge, skills and abilities relating to the Microsoft Office applications.

**Multimedia Design (will alternate each year with Publications class):** Credit: 1.0 Supply Cost: \$30.00

Prerequisite: Business Technology Applications

This course is designed to provide students with hands-on skills involving graphic design, digital photography, Web publishing, and digital video production. Students use various hardware peripherals and software for completing documents.

**Business Essentials/Multimedia Team** Credit: 1.0 Supply Cost: \$30.00

Business Essentials is a one-credit foundation course. Students develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in commerce and information technology careers. Students examine current events to determine impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources are managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of business ownership, they interpret industry laws and regulations to ensure compliance, identify principles of business management, and analyze business practices to determine ethical and social responsibilities.

## ● **COOPERATIVE EDUCATION/WORK-BASED EXPERIENCE**

**Cooperative Education** Credit: 1.0 (for 140 hours of work) Supply Cost: \$30.00

Prerequisite: Junior or Senior; Any Career Technical Education course; Application must be submitted;

Juniors may co-op two periods; Seniors may co-op three periods. Cooperative Education is a structured component of the Career and Technical Education curriculum that integrates classroom instruction with productive, progressive, supervised, work-based experiences/apprenticeships (paid) and internships (unpaid), related to students' career objectives. Content is planned for students through a cooperative arrangement between the school and employer as a component of work-based learning.

## ● **FAMILY AND CONSUMER SCIENCES EDUCATION**

○ *Credentials/Certifications available: Guest Services Gold, ServSafe Certification*

### \***Hospitality and Tourism Cluster**

#### ● **Restaurant and Food and Beverage Services Pathway**

**Hospitality and Tourism** Credit: 1.0 Supply Cost: \$30.00

Prerequisite: None

Hospitality and Tourism is a one-credit course that serves as the prerequisite for all pathways included in the Hospitality and Tourism cluster. Major topics include introduction to hospitality and tourism, recreation, travel and tourism, lodging, restaurant and food and beverage services, safety and sanitation, customer relations, and quality services.

**Culinary Arts 1 and Culinary Arts 2** Credits: 2.0 Supply Cost: \$80.00

Prerequisite: Hospitality and Tourism \*\*\* This course requires 2 periods

Culinary Arts I is a one-credit course. Culinary Arts 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. Skills in mathematics, science, and communication are reinforced in this course.

Culinary Arts II is a one-credit course. The prerequisite for this course is Culinary Arts I. 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.

**Baking and Pastry** Credits: 1.0 Supply Cost: \$30.00

Prerequisite: Hospitality and Tourism/Culinary I and 2 \*\*\*This course requires 2 periods.

This course is designed to provide students with the principles of baking and pastry techniques. The course includes baking technologies, equipment, preparation procedures, production methods, pastry methods, science of bread baking, confections and desserts, showpieces, cost control, food safety, and presentation techniques to create fundamental baking to the latest baking and pastry trends.

**Senior Project:** Credit: 1.0 Supply Cost: \$30.00

Prerequisite: Combination of 3 credits from Hospitality and Tourism, Culinary 1, Culinary 2 or Baking and Pastry

This course is designed for students to use what they have learned in the culinary program to practice in the real world. Students will create a project to be presented at the end of the year.

# ● **HEALTH SCIENCE**

## **\*Therapeutic Services Cluster**

- **Credentials/Certifications available: CPR Instructor**

### **Foundations of Health Science**

Credit 1.0

Supply Cost: \$30.00

Prerequisite: Interest in the health care field

Open to any student interested in the health care field. This course introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for a strong health care delivery system in the twenty-first century. This course 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 can fulfill the ½ credit health requirement for graduation.

### **Human Body Structures and Functions:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Foundations of Health Science

This course is designed to help students develop a basic knowledge of the normal structure and function of the human body. This course uses an integrated approach for teaching medical terminology to the health care student by incorporating medical terminology into instruction regarding human body structures and functions and the disease process.

### **Medical Terminology:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Foundations of Health Science

This course is designed for students to develop health care-specific knowledge for a career in the medical field. The course uses an integrated approach for teaching the language by incorporating medical terminology with anatomy and physiology and the disease process.

### **Health Science Internship:**

Credit: 1.0 or 2.0

Supply Cost: \$30.00

Prerequisite: **12<sup>th</sup> grade**; Foundations of Health Science and Human Body Structures **or** Medical Terminology

\*\*\*This course requires two periods.

This course is designed for students in the 12<sup>th</sup> grade. It includes a variety of knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Theory and laboratory components comprise at least ten percent of the course. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facility.

\*Students will have to provide uniform, liability insurance, TB Skin test, Valid Drivers License and Car Insurance\*

## **\*Sports Medicine Cluster**

- **Credentials/Certifications available: CPR Instructor or Lifeguarding**

### **Foundations of Health Science:**

Credit 1.0

Supply Cost: \$30.00

This is a one-credit course that will provide an overview of the field of sports medicine as well as a wide-range of other health careers. This class will expose students to fundamental skills of sports medicine as well as general health care skills. The importance of legal and ethical concerns will be emphasized. Students will learn about career opportunities, medical terminology, safety and anatomy. Students will be able to gain certification in CPR/First Aid. \*This course can fulfill the ½ credit health requirement for graduation.

### **Sports Medicine Intermediate:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Foundations of Health Science

Sports Medicine Intermediate is a one-credit course that teaches fundamental skills to include therapeutic exercise regimens within the field of sports medicine. Students will explore the study of sports medicine and the relationship to risk management and injury prevention. Students will demonstrate an understanding of anatomy and physiology, with emphasis on the musculoskeletal system. The importance of health promotion, wellness, injury and disease prevention will be emphasized. Students will examine sports medicine facilities, policies, procedures, and protocols utilized in patient care.

### **Sports Medicine Advanced:**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Sports Medicine Intermediate

Sports Medicine Advanced is a one-credit course with strong emphasis on musculoskeletal injuries as well as the psychological and sociological responses to injuries and illness. Students will demonstrate critical thinking skills, patient care skills related to prevention, rehabilitation, and management, and communicate appropriate outcomes through oral and written communication. Course content will include an understanding of basic pathophysiology, kinesiology, and principles of treatment. An analysis of a variety of health situations involved in the sports medicine pathway will be conducted through project based learning, laboratory, simulation, and clinical experiences.

**Health Science Internship/Sports Medicine:**

Credit: 2.0

Supply Cost: \$30.00

Prerequisite: 12<sup>th</sup> grade, Foundations of Health Science and Sports Medicine Intermediate

Health Science Internship Sports Medicine is a one-credit course designed for seniors. This course provides students with the knowledge and skills necessary for becoming a healthcare worker or for preparing students for post-secondary education in a health care education program. Theory and laboratory components comprise at least ten percent of the course. 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.

- **SCIENCE, TECHNOLOGY, ENGINEERING AND MATH**

- *Credentials/Certifications available: Autodesk Inventor Certified User*

**\*Project Lead The Way – Engineering Pathway**

**Introduction to Engineering Design (IED):**

Credit: 1.0

Supply Cost: \$30.00

This course is appropriate for students who are interested in design, engineering or other technical careers. The major focus of the IED course is to expose students to a design process, professional communication and collaboration methods, design ethics, and technical documentation. IED gives students the opportunity to develop skills in research and analysis, teamwork, technical writing, engineering graphics, and problem solving through activity-, project-, and problem-based (APPB) learning. No previous knowledge is assumed, but students should have been successful in or should be concurrently enrolled in Algebra I and science courses in order to facilitate the use and understanding of appropriate math and science concepts necessary for the successful completion of IED coursework. In addition, students will use industry standard 3D solid modeling software to facilitate the design and documentation of their solutions to design problems and challenges. Participation in Technical Student Association (TSA) is strongly encouraged.

**Principles of Engineering (POE):**

Credit: 1.0

Supply Cost: \$30.00

Prerequisite: Introduction to Engineering Design and Algebra I or Alg. A/B with a grade of 80 or higher

This is a high school level survey course of engineering. This course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based (APPB) learning. To be successful in POE, students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of engineering design problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community. Participation in TSA is strongly encouraged.

**Computer Integrated Manufacturing (CIM)**

Credit 1.0

Supply Cost \$30.00

Prerequisite: IED and POE and completion or concurrent enrollment in Algebra II. CIM is the specialization course in PLTW engineering. The course applies and concurrently develops secondary-level knowledge and skills in mathematics, science, and technology. Topics covered include history, principles, and processes of manufacturing, students will design and build and automated manufacturing system, factoring in safety, quality cost, and efficiency. Students will use technologies that have revolutionized manufacturing: computer modeling, Computer Numeric Control (CNC) technology, Computer Aided Manufacturing (CAM) software, robotics, and flexible manufacturing systems.

**\*Project Lead the Way – Computer Science Pathway**

**Computer Science Essentials – PLTW**

Credit 1.0

Supply Cost: \$30.00

Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science A.

- **MARSHALL COUNTY TECHNICAL SCHOOL**

Prerequisite: Upcoming 10<sup>th</sup> graders who have completed all required electives (LIFE PE, Health, Career Prep A & B). Students are transported by bus to MTS for 3 periods of the day. No other elective classes can be in a student's schedule unless a student chooses to take an online class as an additional class outside of the normal school schedule.

Programs Available –Automotive Service  
 Building Construction  
 Collision  
 Cosmetology

JROTC  
 Mechatronics/Robotics  
 Public Safety  
 Welding

- **DUAL ENROLLMENT CAREER TECH AT SNEAD STATE**

Enrollment for high school and college credit is available for 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> grade students who meet dual enrollment guidelines and have completed ample credits to allow these classes to work into their schedule. You *may* qualify for either grants or assistance for cost of these career tech classes (only certain programs qualify). Students may participate according to the guidelines at [http://www.snead.edu/apply\\_today/admissions/admission\\_student\\_types/dual\\_enrollmenthigh\\_school.aspx](http://www.snead.edu/apply_today/admissions/admission_student_types/dual_enrollmenthigh_school.aspx). Career Technical Programs available include:

**Applied Business**

**Aviation Maintenance Technology Program at Albertville Airport** - The Airframe Technology program is designed to prepare students with the knowledge and skills needed to take the Federal Aviation Administration (FAA) written, oral, and practical examinations required for certification as an aviation maintenance technician with an airframe endorsement

**Child Development** – online

**Computer Science Technology** with options in Cybersecurity, and Database Administration; and Apple App Development; some courses will be located at Marshall Technical School

**Horticulture/Agriscience Program** – in collaboration with Auburn University, Snead State will be offering Horticulture courses that will transfer to Auburn.

**Industrial Technology** with options in Automation, Basic Electricity, and Industrial Maintenance Technology;

**Office Administration** with options in Office Administration and Medical Transcription

- **ACCESS (Alabama Connecting Classrooms, Educators, and Students Statewide) Distance Learning**

For a list of courses that may be offered online or through IVC (Interactive Video-conference), see the ACCESS Course Catalog at [http://accessdl.state.al.us/content/Course\\_List\\_for\\_2016\\_2017\\_School\\_Year#overlay-context=courses](http://accessdl.state.al.us/content/Course_List_for_2016_2017_School_Year#overlay-context=courses).

Typical classes include:

French I, II, III;  
 German I, II, III;  
 Latin I, II, III;  
 Mandarin Chinese;  
 Psychology;  
 Sociology;  
 Creative Writing;  
 Journalism;  
 Forestry;

Accounting;  
 Marine Science (elective credit/not science credit)  
 Personal Finance;  
 Nutrition and Wellness;  
 Computer Basic Programming;  
 AP Psychology;  
 AP Statistics;  
 AP Economics;  
 AP Art History  
 AP Computer Science A

ACT Prep – a course scheduled in the ACCESS lab where 11<sup>th</sup> grade students work independently on an ACT Prep online program provided by the Alabama State Dept of Education.

Students in ACCESS classes are assigned to the ACCESS computer lab to complete course work. A facilitator is available to assist with issues related to course log-in and using the program. The facilitator is not necessarily able to help with course content and curriculum. These courses are virtual and students must be highly self-motivated and able to read/comprehend large volumes of material on their own.

- **UA EARLY COLLEGE PROGRAM** – partnership with UA Early College to enroll high school students in Dual Enrollment Virtual Courses with The University of Alabama. Students can earn fulfill core academic requirements at both the high school and college level. Students must meet college admission requirements and pay tuition. Ask a counselor for more information.
- **SNEAD STATE ACADEMIC DUAL ENROLLMENT** – students can enroll in academic courses at Snead State in order to fulfill core academic requirements at both the high school and college level. Students must be in the 10<sup>th</sup> grade and meet college admission requirements and pay college tuition (unless tuition is covered through a career tech grant). Classes can be online, on-campus at Snead or on-campus at Boaz High School (English 101/102 or Math 112/113).

## Opportunities for Involvement BHS Clubs & Organizations

### Advanced Placement Experience (APEs)

*Purpose:* To create a culture of academic excellence by recognizing AP students and planning social activities.

*Who can join?* – Any student taking AP classes

*Sponsors:* Coach J. Smith

### Arts Club

*Purpose:* If you are interested in music, dance, singing, literature, visual arts, drama, computer graphics, culinary, then this club is for you. The club helps to promote the arts in the school and community. It also helps to introduce and educate students about the fine arts and different career paths in the arts. It helps keep everyone up to date on competitions and college opportunities and scholarships. It is also a great way to give back to the community and gain community service hours by helping others through the arts. The club also serves as a way to explore the different talents of each member. The club sponsors a webpage, which showcases student poetry, songs, short stories, films, music, visual art and more.

Cost is \$20, which includes membership and a t-shirt

*Who can join?* – Any student interested in a form of art – you do not have to be taking an art class.

*Sponsor:* Mr. Davis

### Boaz Chamber of Commerce Junior Ambassadors

*Purpose:* Work with the Boaz Chamber of Commerce to promote business and industry and assist with community events. Students must sign a contract that they will fulfill a certain number of community service hours by assisting at the Chamber Office, Harvest Festival, Christmas Parade, Summer Auto Show, Chamber Banquet and other city events.

*Who can join?* - Any student can submit an application in the spring of each school year.

*Sponsor:* Chamber of Commerce President

### Environmental Club

*Purpose:* To make a positive impact on our local environment.

*Who can join?* – Anyone

Cost: \$20      *Sponsor:* Ms. Cahill

### FBLA (Future Business Leaders of America)

*Purpose:* To train students to be business leaders; attend state and region competitions; participate in community service projects.

*Who can join?* - Only students who are currently enrolled in a Business Technology class or have taken one of these classes in the past.

*Cost:* \$25 – includes a t-shirt

*Sponsor:* Coach Keenum/Mrs. Rutledge

### FCA (Fellowship of Christian Athletes)

*Purpose:* To provide an opportunity for students to fellowship in a Christian atmosphere and to equip, empower and encourage people to make a difference for Christ. Meetings are usually held twice a month in the field house. Meetings usually consist of a motivational speaker, music, and food. The club also usually sponsors a child at Christmas.

*Who can join?* - **Anyone can join – you don't have to be an athlete.**

*Cost:* \$0 - no dues but donations are usually taken for food.

*Sponsor:*

### FCCLA (Family, Career, and Community Leaders of America)

*Purpose:* Prepares students for adult life by providing opportunities to develop leadership skills and participate in community service activities.

*Who can join?* - Only students who are currently enrolled in a Family Consumer Science class or have taken one of these classes in the past.

Deadline is Oct. 1<sup>st</sup>. Students may join 2<sup>nd</sup> semester also.

*Cost:* \$11      *Sponsor:* Mrs. Clark

### FFA (National FFA Organization)

*Purpose:* To make a positive difference in the lives of students by developing their potential for leadership, personal growth, and career success through agricultural education. Students participate in Career Development Events, visit farms, fundraisers, and some attend the FFA convention.

*Who can join?* - Anyone enrolled in an Agriscience class.

*Cost:* \$25

*Sponsor:* Mr. Cole

### First Priority

*Purpose:* Non-denominational, student led Christian campus ministry. Meets before school on a biweekly basis.

*Who can join?* - Anyone

*Cost:* \$0      *Sponsor:* Coach Bright

### HOPE Club

*Purpose:* Is dedicated to raising awareness of the need to show *kindness* and *support* for all individuals. We participate in fundraisers to help support causes such as cancer awareness, safe schools, suicide prevention, and bullying prevention.

*Who can join?* – Anyone

*Cost:* \$0

*Sponsor:* Ms. Bumgarner

### **HOSA (Health Occupations Students of America)**

*Purpose:* National youth organization which functions as an integral part of the Health Science Instructional program. The activities of HOSA provide an opportunity for medical healthcare students to prepare for healthcare occupations.

*Who can join?* Only students who are currently enrolled in a Health Science class or have taken one of these classes in the past.

*Cost:* \$20.00

*Sponsor:* Mrs. Cole/Mrs. Milam

### **Interact**

*Purpose:* Service Organization that is parented by the Boaz Rotary Club. Students must commit to a certain number of individual service hours and participate in a group project.

*Who can join?* - 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students who have an 80 average.

*Cost:* \$10

*Sponsor:* Mrs. Hays

### **Marshall County Youth Leadership (MYCL)**

*Purpose:* To expose students to businesses and contacts throughout Marshall County. To teach students to become good leaders. Students meet once per month with other students from Marshall County. Students must model proper business attire at meetings. Students also visit Montgomery and tour the government buildings.

*Who can join?* – 11<sup>th</sup> grade students selected by application and interview

*Cost:* The only cost is snacks for the Montgomery trip.

*Sponsor:* Mrs. J. Walker

### **Mu Alpha Theta**

*Purpose:* National Mathematics Honor Society – provides math tutoring to other BHS students and assists with the Jr. High Math Tournament.

*Who can join?* - By invitation only – students must have a “B” average in Algebra I, Geometry, and Algebra II.

*Cost:* \$20

*Sponsor:* Mrs. Bryant

### **National Honor Society**

*Purpose:* To recognize scholarship, leadership, character, and community service.

*Who can join?* - Students are invited to join at the beginning of the 11<sup>th</sup> grade year. Students with at least an 85 cumulative average and no “Cs” are invited to apply. Students must then complete an application and prove that in addition to academics they also display service, character, and leadership.

*Cost:* \$25

*Sponsor:* Mrs. Gardner/Mr. Vaughn

### **Scholar’s Bowl**

*Purpose:* 8 member academic team that competes against other teams in tournaments that utilize buzzers to answer questions from all areas of academia. Students practice after school 1-2 times per week during the school year.

*Who can join?* – Tryouts in August – all students 9<sup>th</sup> – 12<sup>th</sup> grade welcome.

*Sponsor:* Ms. White

### **SGA – Student Government Association**

*Purpose:* The SGA will collaborate to plan activities for the BHS student body and will represent the student body to the BHS administration, staff, and faculty. Activities during Homecoming and Pirate Week, as well other student oriented events, are coordinated by the SGA. Participation and attendance of SGA sponsored events, both in and out of school, should be considered mandatory for SGA members. Students are held to a very high standard and must abide by the SGA Constitution.

*Who can join?* – Must have and maintain an 80 average to be eligible for election to the SGA. SGA members are subject to removal from office.

*Sponsor:* Mr. Lowery

### **Spanish Club**

*Purpose:* To participate and become more knowledgeable about Spanish cultural events and prepare for state competition.

*Who can join?* – Anyone currently enrolled in a Spanish class or previously been enrolled in a Spanish class.

*Cost:* \$15

*Sponsor:* Mrs. Roberts

### **Technical Student Association (TSA)**

*Purpose:* To foster personal growth, leadership and opportunities in technology, innovation, design and engineering. Members apply and integrate science, technology, engineering and mathematics (STEM) concepts through activities and competitions.

*Who can join?* – Anyone enrolled in the Engineering classes.

*Cost:* \$20.

*Sponsor:* Mr. Milner

### **Yearbook**

*Purpose:* To create the Pirage yearbook. Students need to be technologically oriented, good writers, and have good teacher recommendations. Students must be in the yearbook class.

*Who can join?* – Students must take the library media courses

*Sponsor:* Mrs. Juddie Walker