

# HIGH SCHOOL ACADEMIC GUIDE

*Course Descriptions*



**BALDWIN COUNTY PUBLIC SCHOOLS**  
*Building Excellence*

Class of 2022

*Issued 2018*

**DIVISION OF INSTRUCTIONAL SUPPORT**

## FOREWORD

This book serves as a guide for parents, students, and teachers to assist in planning course selection. Included you will find course requirements, graduation requirements, and other information. Students have three diploma options in the Baldwin County Public Schools System. The requirements for each option are listed in this book. The Baldwin County Public Schools System offers courses in compliance with state guidelines. **Local Board decisions, changes in State Department guidelines, and changes in State Courses of Study overrule the guidelines and course offerings listed in this book.**

Elective courses are available to satisfy diploma requirements. Many of those offered are available at each school, but often, teaching personnel, facilities, and demand will necessitate different offerings for elective courses. Under the direction of the Division of Instructional Support, designated schools may participate in innovative pilot programs and courses which may not be described in this Academic Guide.

**Students and parents are responsible for reading the contents of this guide. Careful steps should be taken in selecting high school courses that meet diploma requirements, college entrance requirements, Alabama High School Athletic Association (AHSAA) and or National Collegiate Athletic Association (NCAA) eligibility and all other requirements needed. After a diploma option has been chosen, students and parents are responsible for ensuring that they have signed the form declaring the diploma option choice and that students are enrolled in appropriate courses.**

### Kuder®

As a companion to this Academic Guide, Baldwin County Public Schools has provided access for all middle and high school students to Kuder® <http://al.kuder.com>. Through this resource, all students may create an individual career portfolio that includes a skills and ability inventory, career exploration, post-secondary educational options, and high school course planning.

## STATEMENT OF POLICY

It is the official policy of the Baldwin County Board of Education that no person shall – on the grounds of race, color, disability, sex, religion, national origin, age or creed – be excluded from participation in, denied the benefits of, or subjected to discrimination under any program, activity, or employment.

It shall be the policy of the Baldwin County Board of Education (“Board”) that no student shall be denied the benefit of any educational program or educational activity on the basis of race, color, national origin, age, sex, disability, limited English proficiency, immigrant status, migrant status, or homeless status. A free and appropriate education is available to all students with disabilities. It shall be the policy of the Board that barriers to enrolling and retaining homeless students shall be removed. All programs offered by schools within the school district shall be open to all students in compliance with statutory and judicial requirements.

## MISSION OF BALDWIN COUNTY SCHOOLS

In partnership with the community, the Baldwin County Public Schools’ mission is to provide a quality education that fosters learning.

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**ALABAMA HIGH SCHOOL DIPLOMA**  
**Applies to students entering 9<sup>th</sup> grade in 2010 or thereafter**

English Language Arts.....	4
English 9 (or approved AP/IB equivalent).....	1
English 10 (or approved AP/IB equivalent).....	1
English 11 (or approved AP/IB equivalent).....	1
English 12 (or approved AP/IB equivalent).....	1
Mathematics.....	4
Algebra I.....	1
Geometry.....	1
Algebra II (with or without Trigonometry) or Algebra with Finance.....	1
Additional Mathematics Course.....	1
The additional course to complete the four credits in mathematics must be chosen from the <i>Alabama Course of Study</i> : Mathematics or CTE/AP/IB/postsecondary equivalent courses.	
Social Studies.....	4
World History (or approved AP/IB equivalent).....	1
US History I (or approved AP/IB equivalent).....	1
US History II (or approved AP/IB equivalent).....	1
Government (or approved AP/IB equivalent).....	0.5
Economics (or approved AP/IB equivalent).....	0.5
Science.....	4
Biology.....	1
Physical Science.....	1
Additional Sciences.....	2
The third and fourth science credits may be used to meet either a science or CTE course requirement and must be chosen from the <i>Alabama Course of Study</i> : Science or CTE/AP/IB/postsecondary equivalent courses.	
Career Preparedness **.....	1
Health Education.....	0.5
Physical Education.....	1
L.I.F.E. (Personal Fitness) or JROTC	
CTE and/or Foreign Language and/or Arts Education.....	3
Students are encouraged to complete two courses in sequence.	
Electives.....	2.5
<b>Minimum Carnegie Units Required .....</b>	<b>24*</b>

\* Students must pass all assessments as directed by the Alabama State Department of Education.

\*\* Students must complete the state-required online experience.

**Note:** If available on your campus, Algebra 1A & 1B and Geometry A & B are approved equivalents for Algebra I and Geometry. Although students completing Algebra 1A & 1B and Geometry A & B have earned 4 math credits, they must also complete a full credit of Algebra II (with or without Trigonometry) or Algebra with Finance.

When selecting classes, consideration should be given to the student's future goals and the specific requirements for universities, the military, NCAA, etc. (For example, though foreign language and Algebra II with Trig are not required for the Alabama High School Diploma, some higher education programs may require these courses for admission to their specific programs. Also, some colleges have specific admission requirements related to core subjects and may not accept substitute courses approved by the Alabama State Department of Education.) Students and parents must check the requirements of any programs they plan to pursue in the future.

**ALABAMA HIGH SCHOOL DIPLOMA**

**My  
Four Year  
Plan**

<b>Subject</b>		<b>9<sup>th</sup></b>	<b>10<sup>th</sup></b>	<b>11<sup>th</sup></b>	<b>12<sup>th</sup></b>
Career Preparedness	1				
CTE/Foreign Language/Fine Art	3				
English	4				
Mathematics	4				
Social Studies	4				
Science	4				
Health	0.5				
L.I.F.E. PE or JROTC	1				
Electives	2.5				
<b>TOTAL</b>	<b>24</b>				

Name: \_\_\_\_\_

Student Number: \_\_\_\_\_

Today's Date: \_\_\_\_\_

<b>9<sup>th</sup> Grade Courses</b>		<b>10<sup>th</sup> Grade Courses</b>		<b>11<sup>th</sup> Grade Courses</b>		<b>12<sup>th</sup> Grade Courses</b>	
1		1		1		1	
2		2		2		2	
3		3		3		3	
4		4		4		4	
5		5		5		5	
6		6		6		6	
7		7		7		7	
8		8		8		8	
<b>Make-Up Courses</b>		<b>Make-Up Courses</b>		<b>Make-Up Courses</b>		<b>Make-Up Courses</b>	
1		1		1		1	
2		2		2		2	

1. Cooperative Education Seminar/Work-Based Experience will be required for any students with disabilities earning core credits through Essentials/Life Skills courses (formerly known as AOD Courses).
2. Honors classes are approved equivalents of standard level courses if available on your campus.
3. Algebra 1A & 1B and Geometry A & B are approved equivalents for Algebra I and Geometry if available on your campus.
4. Although students completing Algebra 1A & 1B and Geometry A & B have earned 4 math credits, they must also complete a full credit of Algebra II (with or without Trigonometry) or Algebra with Finance.
5. When completing the four-year plan, consideration should be given to the student's future goals and the specific requirements for universities, the military, NCAA, etc. (For example, though foreign language and Algebra II with Trig are not required for the Alabama High School Diploma, some higher education programs may require these courses for admission to their specific programs. Also, some colleges have specific admission requirements related to core subjects and may not accept substitute courses approved by the Alabama State Department of Education.) Students and parents must check the requirements of any programs they plan to pursue in the future.

**ALABAMA HIGH SCHOOL DIPLOMA**  
**with Baldwin County College Preparatory with Distinction Endorsement**  
**(College Prep + Distinction Diploma)**

The Baldwin County College Preparatory with Distinction Endorsement of the Alabama High School Diploma is a program of intensive study in the core subject areas. This diploma is offered by the Baldwin County Public Schools System to provide special recognition for students who complete this rigorous course of study.

English (Most advanced course offered for each grade level at the student's local BCBE school) .....	4
Honors English 9 .....	1
Honors English 10.....	1
AP English Language and Composition 11 .....	1
AP English Literature and Composition 12.....	1
Foreign Language (two units in any one foreign language).....	2
Mathematics (Most advanced course offered for each grade level at the student's local BCBE school) .....	5
Algebra I in the 8th grade or Algebra I .....	1
Honors Geometry.....	1
Algebra II with Trigonometry .....	1
<b>Select two of the following courses:</b>	
Precalculus .....	1
AP Calculus AB.....	1
AP Statistics.....	1
AP Computer Science A .....	1
Social Studies (Most advanced course offered for each grade level at the student's local BCBE school) .....	4
Honors or AP World History .....	1
Honors US History I .....	1
AP US History .....	1
AP Government .....	0.5
Honors Economics .....	0.5
Science (Most advanced course offered for each grade level at the student's local BCBE school) .....	4
Honors Biology.....	1
Chemistry I .....	1
<b>Select two of the following courses:</b>	
Physics .....	1
AP Biology.....	1
AP Chemistry .....	1
AP Environmental Science .....	1
AP Physics 1.....	1
AP Physics 2.....	1
AP Physics C: Mechanical (.5 credit) & AP Physics C: Electricity & Magnetism (.5 credit) ...	1
Career Preparedness ** .....	1
Health.....	0.5
Physical Education.....	1
L.I.F.E. (Personal Fitness) or JROTC	
CTE and/or Arts Education and/or additional Foreign Language Course.....	1
Electives.....	5.5
<b>Minimum Carnegie Units Required .....</b>	<b>28*</b>

\* Students must pass all assessments as directed by the Alabama State Department of Education.

\*\* Students must complete the state-required online experience.

When selecting classes, consideration should be given to the student's future goals and the specific requirements for universities, the military, NCAA, etc. (For example, though foreign language and Algebra II with Trig are not required for the Alabama High School Diploma, some higher education programs may require these courses for admission to their specific programs. Also, some colleges have specific admission requirements related to core subjects and may not accept substitute courses approved by the Alabama State Department of Education.) Students and parents must check the requirements of any programs they plan to pursue in the future.

**ALABAMA HIGH SCHOOL DIPLOMA**  
**with Baldwin County College Prep with Distinction Endorsement**  
**(CP + Distinction Diploma)**

**My**  
**Four Year**  
**Plan**

Subject		9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
Career Preparedness	1				
English	4				
Foreign Language	2				
Mathematics	5				
Social Studies	4				
Science	4				
Health	0.5				
L.I.F.E. PE or JROTC	1				
CTE /Fine Art/additional Foreign Lang.	1				
Electives	5.5				
<b>TOTAL</b>	<b>28</b>				

Name: \_\_\_\_\_

Student Number: \_\_\_\_\_

Today's Date: \_\_\_\_\_

9 <sup>th</sup> Grade Courses		10 <sup>th</sup> Grade Courses		11 <sup>th</sup> Grade Courses		12 <sup>th</sup> Grade Courses	
1		1		1		1	
2		2		2		2	
3		3		3		3	
4		4		4		4	
5		5		5		5	
6		6		6		6	
7		7		7		7	
8		8		8		8	
Make-Up Courses		Make-Up Courses		Make-Up Courses		Make-Up Courses	
1		1		1		1	
2		2		2		2	

1. Cooperative Education Seminar/Work-Based Experience will be required for any students with disabilities earning core credits through Essentials/Life Skills courses (formerly known as AOD Courses).
2. Honors classes are approved equivalents of standard level courses if available on your campus.
3. Algebra 1A & 1B and Geometry A & B are approved equivalents for Algebra I and Geometry if available on your campus.
4. Although students completing Algebra 1A & 1B and Geometry A & B have earned 4 math credits, they must also complete a full credit of Algebra II (with or without Trigonometry) or Algebra with Finance.
5. When completing the four-year plan, consideration should be given to the student's future goals and the specific requirements for universities, the military, NCAA, etc. (For example, though foreign language and Algebra II with Trig are not required for the Alabama High School Diploma, some higher education programs may require these courses for admission to their specific programs. Also, some colleges have specific admission requirements related to core subjects and may not accept substitute courses approved by the Alabama State Department of Education.) Students and parents must check the requirements of any programs they plan to pursue in the future.

**ALABAMA HIGH SCHOOL DIPLOMA**  
**with Baldwin County College Preparatory with Distinction Endorsement for International Baccalaureate Students**  
**(College Prep + Distinction for IB Diploma)**

The Alabama High School Diploma with Baldwin County College Preparatory with Distinction Endorsement for International Baccalaureate (IB) Students is a rigorous program designed to meet the needs of highly motivated secondary students and to promote international understanding. The Baldwin County College Prep + Distinction Endorsement, which is earned concurrently with the IB Diploma, is offered by the Baldwin County Public Schools System to provide special recognition for students who complete an intensive study in core subject areas. If a student's unweighted GPA in the 18 courses noted with a "✓" falls below 2.0, the student will be evaluated by the IB staff and may be removed from the program. An IB Diploma is awarded by the International Baccalaureate Organization (IBO) following the posting of the final comprehensive exams in July. Contact the IB Coordinator at the respective school for a complete listing of IB Diploma requirements.

English (Most advanced course offered for each grade level at the student's local BCBE school) .....	4
Honors English 9.....	1
Honors English 10.....	1
IB English HL .....	2
Foreign Language (consecutive in one language) .....	4
Spanish I.....	1
Spanish II.....	1
Spanish III (IB HL or SL).....	1
Spanish IV (IB HL or SL).....	1
French I.....	1
French II.....	1
French III (IB HL or SL).....	1
French IV (IB HL or SL).....	1
Mathematics (Most advanced course offered for each grade level at the student's local BCBE school) .....	5
Algebra I in the 8th grade or Algebra I.....	1
Honors Geometry.....	1
Algebra II with Trigonometry .....	1
IB Math Analysis SL 11 or IB Pre-Calculus SL 11 .....	1
IB Statistics & Intro to Cal 12 or ✓IB Calculus SL 12.....	1
Social Studies (Most advanced course offered for each grade level at the student's local BCBE school) .....	4
Honors or AP World History.....	1
AP US History.....	1
History of the Americas HL .....	2
Science (Most advanced course offered for each grade level at the student's local BCBE school) .....	4
Honors Biology.....	1
Chemistry I.....	1
IB Science HL .....	2
or:	
IB Science SL plus one of the following .....	2
Honors Human Anatomy and Physiology, Chemistry II, AP Chemistry, AP Biology, AP Physics 1,	
AP Physics 2, Physics, AP Physics C: Mechanics, AP Environmental Science.	
****The following courses may be considered pending the approval of an ALSDE course waiver:	
Honors Marine Science, Forensic Science, Genetics, Zoology, Aquascience	
Career Preparedness ** .....	1
Health.....	0.5
Physical Education.....	1
L.I.F.E. (Personal Fitness) or JROTC	
IB Fine Arts (SL or HL) or additional IB Science .....	1
Theory of Knowledge .....	1
Electives.....	2.5
<b>Minimum Carnegie Units Required .....</b>	<b>28*</b>

\*IB students must pass all assessments as directed by the Alabama State Department of Education, complete three HL courses, complete the minimum number of Creativity, Action, & Service (CAS) hours, and submit an Extended Essay. If students return to their base schools, they will be expected to meet all requirements for one of the other diplomas offered. See your school guidance counselor for more information.

\*\* Students must complete the state-required online experience.

\*\*\*When selecting classes, consideration should be given to the student's future goals and the specific requirements for universities, the military, NCAA, etc. (For example, though foreign language and Algebra II with Trig are not required for the Alabama High School Diploma, some higher education programs may require these courses for admission to their specific programs. Also, some colleges have specific admission requirements related to core subjects and may not accept substitute courses approved by the Alabama State Department of Education.) Students and parents must check the requirements of any programs they plan to pursue in the future.

\*\*\*\*Not all course options are available at every campus.



**ALABAMA HIGH SCHOOL DIPLOMA**

with Baldwin County College Preparatory with Distinction Endorsement  
for International Baccalaureate Students (CP + Distinction for IB)

**My  
Four Year  
Plan**

Subject		9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
English	4				
Foreign Language	4				
Mathematics	5				
Social Studies	4				
Science	4				
Health	0.5				
L.I.F.E. PE or JROTC	1				
Theory of Knowledge	1				
Electives	2.5				
Career Preparedness	1				
<b>TOTAL</b>	<b>28</b>				

Name: \_\_\_\_\_

Student Number: \_\_\_\_\_

Today's Date: \_\_\_\_\_

9 <sup>th</sup> Grade Courses		10 <sup>th</sup> Grade Courses		11 <sup>th</sup> Grade Courses		12 <sup>th</sup> Grade Courses	
1		1		1		1	
2		2		2		2	
3		3		3		3	
4		4		4		4	
5		5		5		5	
6		6		6		6	
7		7		7		7	
8		8		8		8	
Make-Up Courses		Make-Up Courses		Make-Up Courses		Make-Up Courses	
1		1		1		1	
2		2		2		2	

1. Cooperative Education Seminar/Work-Based Experience will be required for any students with disabilities earning core credits through Essentials/Life Skills courses (formerly known as AOD Courses).
2. Honors classes are approved equivalents of standard level courses if available on your campus.
3. Algebra 1A & 1B and Geometry A & B are approved equivalents for Algebra I and Geometry if available on your campus.
4. Although students completing Algebra 1A & 1B and Geometry A & B have earned 4 math credits, they must also complete a full credit of Algebra II (with or without Trigonometry) or Algebra with Finance.
5. When completing the four-year plan, consideration should be given to the student's future goals and the specific requirements for universities, the military, NCAA, etc. (For example, though foreign language and Algebra II with Trig are not required for the Alabama High School Diploma, some higher education programs may require these courses for admission to their specific programs. Also, some colleges have specific admission requirements related to core subjects and may not accept substitute courses approved by the Alabama State Department of Education.) Students and parents must check the requirements of any programs they plan to pursue in the future.

## ALABAMA DEFINITION OF A CREDIT

All Alabama public schools are governed by the *Alabama Administrative Code 290-3-1-.02(9)(a)* which states the following:

(9) Time Allotment and Credit Requirements for Secondary Schools

(a) One credit may be granted in Grades 9-12 for required or elective courses consisting of a minimum of 140 instructional study content standards in one credit courses without specified instructional time.

## GRADING SCALE

The grading scale for Baldwin County Public Schools is defined as follows:

A:	90-100
B:	80-89
C:	70-79
D:	60-69
F:	0-59 (no credit)

Unweighted GPA Point Scale

Grade.....	Quality Point Value
A .....	4.0
B .....	3.0
C .....	2.0
D .....	1.0
F.....	0.0

## ACADEMIC HONORS AND CLASS RANK

Eligibility for academic honors will be determined by calculating the cumulative weighted average of all final course grades posted on the high school transcript. Students who earn a D or F in any high school course will not be eligible to receive academic honors.

The academic honors designations shall be awarded as follows:

- Summa Cum Laude (with highest honors) 4.00 and higher
- Magna Cum Laude (with high honors) 3.75-3.9999
- Cum Laude (with honors) 3.50-3.7499

A student's final cumulative weighted grade point average calculated to at least the fourth decimal place, including grades earned for repeated courses, will be used to determine class rank.

## GRADE POINT AVERAGE (GPA)

A grade point average (GPA) is a scale assigning a numeric value to student grades.

The **unweighted GPA** is computed by dividing the total number of grade points received by the total number of credits of course work taken.

The **weighted GPA** is designed to reflect the varying skill required for different level courses. The weighted GPA scale assigns higher quality points for grades earned in difficult courses (numerical grades remain unaffected). The weighted GPA is printed on the student transcript for the purposes of college admission and scholarship applications only.

**Weighted GPA Point Scale** adds either 0.5 or 1.0 to the quality point value for the grade earned in that course according to the following tables:

### Honors Course Weights

Course Title	Course #	Add	Course Title	Course #	Add
Algebra I	210005ae	0.5	French IV	270026	0.5
Algebra II w/Trig	210017	0.5	Geometry Hon	210011	0.5
Analytical Math	210034	0.5	Human Ant & Phy Honors	220027	0.5
Biology Hon/PIB	220012	0.5	Marine Science Honors	220040	0.5
Chemistry I	220061	0.5	Physics	220071	0.5
			Precalculus	210020	0.5
Chemistry Hon	220062ac	0.5	Spanish I	270153	0.5
Economics Hon	230052	0.5	Spanish II	270154	0.5
English 9 Hon	200006	0.5	Spanish III	270155	0.5
English 10 Hon	200010	0.5	Spanish IV	270156	0.5
English 11 Hon	200014	0.5	US Hist I Hon	230017	0.5
English 12 Hon	200018	0.5	US Hist II Hon	230020	0.5
French I	270023	0.5	World Hist Hon	230014	0.5
French II	270024	0.5	Zoology	220044	0.5
French III	270025	0.5			

### AP Course Weights

Course Title	Course #	If the student doesn't take the AP Exam, then add	If the student takes the AP Exam, then add
Biology AP	220014	0.5	1.0
Calculus AB, AP	210025	0.5	1.0
Calculus BC, AP	210026	0.5	1.0
Chemistry AP	220064	0.5	1.0
Computer Science Principles AP	520018	0.5	1.0
Computer Science A, AP	520007	0.5	1.0
Eng Lang & Comp AP	200016	0.5	1.0
Eng Lit & Comp AP	200020	0.5	1.0
Environmental Sci AP	220032	0.5	1.0
European Hist AP	230029	0.5	1.0
Govt & Politics AP	230047	0.5	1.0
Music Theory AP	280024	0.5	1.0
Physics 1 AP	220057	0.5	1.0
Physics 2 AP	220058	0.5	1.0
Physics: C: Mechanical AP	220069	0.5	1.0
Physics C: Electricity and Magnetism AP	220075	0.5	1.0
Psychology AP	230072	0.5	1.0
Statistics AP	210027	0.5	1.0
Studio Art AP	280102	0.5	1.0
Studio Art-2D AP	280103	0.5	1.0
US Hist AP	230022	0.5	1.0
World Hist AP	230027	0.5	1.0
Human Geography AP	230062	0.5	1.0

### AP IB Test Prep (All Subjects), ½ credit/1 credit

Add 0.5 to the quality point value for the grade earned in that course

## International Baccalaureate Course Weights

Course Title	Course #	Add	Course Title	Course #	Add
Alg II/Trig IB Prep	210017	0.5	IB Music HL 11	280026	1.0
Biology Honors IB Prep	220012	0.5	IB Music HL 12	280026	1.0
Chemistry I IB Prep	220061	0.5	IB Music SL	280054	1.0
Eng 9 Honors IB Prep	200006	0.5	IB Physics HL 11	220076	1.0
Eng 10 Honors IB Prep	200010	0.5	IB Physics HL 12	220076	1.0
Geometry IB Prep	210011	0.5	IB Pre-Calculus SL 11	210029	1.0
IB Biology HL 11	220016	1.0	IB Spanish SL 11	270159	1.0
IB Biology HL 12	220016	1.0	IB Spanish SL 12	270160	1.0
IB Biology SL	220015	1.0	IB Stat & Intro to Cal SL12	210031aa	1.0
IB Calculus SL 12	210031	1.0	IB Theatre HL 11	280082	1.0
IB Chemistry HL 11	220065	1.0	IB Theatre HL 12	280082	1.0
IB Chemistry HL 12	220065	1.0	IB Theatre SL	280081	1.0
IB Chemistry SL	220066	1.0	IB Theory of Knowledge 12	230095	1.0
IB English HL 11	200022	1.0	IB Theo of Know/Indep 11	230095	1.0
IB English HL 12	200022aa	1.0	IB Visual Art SL	280105	1.0
IB Film SL	280083	1.0	IB Visual Art HL 11	280106	1.0
IB Film HL 11	280084	1.0	IB Visual Art HL 12	280106	1.0
IB Film HL 12	280084	1.0	Spanish I IB Prep	270153	0.5
IB French, B, SL	270029	1.0	Spanish II IB Prep	270154	0.5
IB French B, HL	270030	1.0	World Hist Hon IB Prep	230014	0.5
IB Hist HL	230034	1.0			
IB Hist HL II	230034aa	1.0			
IB Math Analysis SL 11	210028	1.0			

### AP IB Test Prep (All Subjects), ½ credit/1 credit

Add 0.5 to the quality point value for the grade earned in that course

## TRANSFER OF CREDIT

Board Policy #786

Any student transferring to a Baldwin County public school from a public or non-public school accredited by an accrediting agency recognized by the State Board of Education will have all credits and current class/grade placement accepted without validation upon the receipt of an official transcript(s). A student may be promoted to the next grade level according to the number of credits earned at the end of the admission term.

Any school/school setting not accredited by an accrediting agency recognized by the State Board of Education shall be considered a non-accredited school for the purpose of transfer of class/grade credit. Core courses shall be defined as English, mathematics, social science, and science.

The procedures below must be followed before credits can be awarded and class/grade placement determined for students transferring from non-accredited schools.

1. An official or a notarized transcript of coursework attempted must be presented the principal or his/her designee.
2. Credit for elective courses shall be transferred without validation.
3. No credit will be given for electives that are not normally accepted. The school may acknowledge on records that the student took these courses, but the courses will not count toward graduation.
4. Non-contested credit for core courses shall be transferred as follows:
  - A. Using all official records and nationally standardized tests, the principal or his/her designee shall determine placement and notify the student and the parent(s)/guardian(s).
  - B. If the parent(s)/guardian(s) agrees with the placement decision, the student shall be placed.
  - C. Following placement, for any initial core course successfully completed, transfer of previous credit earned at a non-accredited school(s) in that subject area shall be accepted without further validation. If a student is unsuccessful in the initial placement core course, it should be understood that no credit will be awarded in that subject until the student passes the initial placement core course. The student will have to repeat and pass the initial placement core course.
5. Contested credit for core courses shall be transferred as follows:  
Validation of academic performance shall be accomplished on a course-by-course basis in grades 7-12. Such validation shall be accomplished by administering the district's validation test for each applicable course in which

the person is seeking grade placement/course credit. The validation test shall be administered at the school in which the person is seeking to enroll/receive credit. A grade of 60 or better on each examination for each course shall be required for validation. For example, a person who seeks credit for Biology must pass the validation test with a grade of 60 or better.

**In the case of English courses,** a student who successfully completes the validation test for a higher English course will receive credit for preceding English courses. (Example: A student presents a transcript that shows completion of English 9, English 10, and English 11. If the student successfully completes the English 11 validation test with a score of 60 or better, then credit will be awarded for all three English courses.)

**In the case of a student who presents a transcript that shows completion of Algebra I and Algebra II/Trig:** The student will take the Algebra II/Trig validation test. If the student successfully completes that test with a grade of 60 or better, credit will be awarded for Algebra I and Algebra II/Trig. For any test failed, placement shall be made as recommended by school officials, and no credit shall be transferred for the pre-requisite course(s) in that subject.

In the event of the existence of controversial records/transcripts or the absence of any official or notarized records, the student shall take validation tests for core courses. Placement decisions will be based on successful completion of these exams.

All transfer students must meet all local and state Board of Education requirements for graduation before being awarded a high school diploma.

- Students who are transferring from a non-accredited school/school setting and who have been residents in Baldwin County must attend Baldwin County Public Schools for two (2) entire high school years immediately preceding the date of graduation. Under extreme circumstances as documented in writing by the guardian/custodian, the Superintendent may, in his or her sole discretion, authorize exceptions to the foregoing requirement. It is the intent of this policy that exceptions are to be sparingly granted.

**Middle School Credits:** The high schools in the Baldwin County Public School System accept Algebra I, Spanish I, and BTA taken in the eighth grade, from any accredited public or private middle school.

The following charts show a step-by-step procedure for determining placement for transfer students to Baldwin County Public Schools.

### Transfer Procedure Formula

FROM ACCREDITED SCHOOLS	FROM NON-ACCREDITED SCHOOLS	
Official Transcript	Official/Notarized Transcript/No Transcript	
Credits Accepted	Principal/Designee Determines Placement	
Current Grade Placement	Notifies Parent	
	<b>ACCEPTS DECISION</b>	<b>CONTESTS DECISION</b>
	Credit for elective courses shall be transferred without validation. No credit will be given for electives not normally accepted.	Administer school's validation test for each core course. A grade of 60 or better on each exam is required for the student to earn credit.
		In the case of English courses, students who successfully complete the validation test for a higher English course will receive credit for preceding English courses. In the case of students who present a transcript with Algebra I and Algebra II/Trig, students who successfully complete the validation test in Algebra II/Trig will receive credit for both Algebra courses.
		Student fails test, placed in course recommended by principal/designee.

## **ATHLETIC/EXTRACURRICULAR ACTIVITY – ACADEMICS FIRST**

### **Board Policy No. 787**

The Baldwin County Board of Education recognizes the value of all extracurricular activities as they relate to the total education of students. The Baldwin County Board of Education also recognizes and supports high academic standards and the necessity of developing a framework to assess each student involved in extracurricular activities and his/her progress toward graduating from high school on schedule with his/her class. The Board of Education also recognizes that the Class of 2000 and subsequent classes will be required by the State Board of Education resolution and Alabama Administrative Code to earn a minimum of 24 credits in Grades 9-12, with four (4) credits each in science, mathematics, social studies, and English.

The National Collegiate Athletic Association (NCAA) has established a central clearinghouse to certify athletic eligibility. Student athletes must comply with NCAA bylaws in order to compete in intercollegiate athletics. Interested students and their parents may go to the website listed below for more information about these guidelines.

**As of August 9, 2010, the NCAA does not permit credit recovery courses to count toward athletic eligibility. Also, many online and computer-based courses do not count toward athletic eligibility.**

Note: Always check the NCAA website for the latest in athletic eligibility requirements:

[http://www.ncaa.org/wps/portal/ncaahome?WCM\\_GLOBAL\\_CONTEXT=/ncaa/NCAA/Legislation+and+Governance/Eligibility+and+Recruiting/Eligibility/eligibility.html](http://www.ncaa.org/wps/portal/ncaahome?WCM_GLOBAL_CONTEXT=/ncaa/NCAA/Legislation+and+Governance/Eligibility+and+Recruiting/Eligibility/eligibility.html)

## **ACADEMIC PROGRAMS AND PROCEDURES**

### **ACCESS DISTANCE LEARNING**

ACCESS (Alabama Connecting Classrooms, Educators, and Students Statewide) is a credit-earning opportunity available where students experience high quality instruction provided through computer-based and/or interactive video conferencing instruction. In addition to state procedures and guidelines, Baldwin County requires the following:

#### **Baldwin County Board of Education Guidelines**

1. Students may take ACCESS courses not offered at their high schools.
2. ACCESS courses should be taken only when the curricular offerings deny a student a course he/she particularly needs.
3. Students may take foreign language courses through ACCESS.
4. Students may take core courses through ACCESS to make-up a previously failed course taken at the local high school.
5. Please see the ACCESS website for available courses.

More information regarding ACCESS can be found online at <http://accessdl.state.al.us>.

### **ADVANCED PLACEMENT (AP®) COURSES**

The high schools in Baldwin County offer a wide range of Advanced Placement (AP) courses to meet the exceptional talents and needs of students. AP courses are nationally recognized by colleges and universities and sponsored by the College Board. Students may choose to take any AP course for which they meet the prerequisite, no matter what diploma option they are seeking. AP courses enable students to complete college level studies while still in high school and obtain college placement or credit on the basis of their performance on rigorous AP examinations. Students who take AP courses are expected to take the corresponding AP exams in May of each year. The cost for *each exam* is \$87 (*subject to change by College Board*).

A strong Advanced Placement (AP) course depends upon a partnership between motivated students and dedicated high school teachers who are trained by the College Board. Students and parents should be very sensitive to the demanding nature of AP courses. Outside 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. AP 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 particular AP course, they should check with their counselor or the teacher of the AP course. More information about the AP courses is provided in the course descriptions of this guide.

## **Application for ½ Credit**

Most core courses offered in Baldwin County are offered in a full credit format. At midterm, the student's final grade for the first half of the course is posted to the transcript, but credit is withheld in entirety until the midterm grade is averaged with the final grade from the second half of the course. At that point, the full credit is awarded, and the final grade earned for the entire course is posted to the transcript. An analysis of data indicates that for the majority of Baldwin County students, the full credit format provides them with an increased opportunity for earning credit as well as the potential for earning a higher final course grade due to the averaging of the two semester grades. These benefits can impact a student's overall GPA and likelihood of graduating on time. However, we recognize that there are some circumstances (i.e., transferring to another school, applying for a special program, etc.) in which a student might benefit from earning two half credits of a course rather than a full credit. Therefore, the Baldwin County Public School System permits students to request the opportunity to earn half credits by completing the Application for ½ Credit. Copies of the application are available at each high school and also on our website, [www.bcbe.org](http://www.bcbe.org). Applications for ½ credit must be received by the principal or his or her designee by the time school is dismissed on the last day of the term/course for which the initial ½ credit is requested. Students should be aware that if their application for ½ credit is approved, then the ½ credit(s) requested will be posted to their transcript and will be calculated into their GPA. This could result in a positive or negative impact on their GPA, which could affect scholarship opportunities, college admission, athletic eligibility, etc. Once a ½ credit is posted to a student's transcript, then the student could be required to pass an additional ½ credit of the same course to satisfy diploma expectations. Also, once ½ credits are posted to a student's transcript, they cannot be removed or "exchanged" for full credits.

## **BALDWIN COUNTY VIRTUAL SCHOOL**

Established 2013

Vision: To provide motivated, independent learners the opportunity to earn their Alabama High School Diploma through flexible, personalized learning experiences available online - anytime, anywhere.

For more information visit the website [www.bcbe.org](http://www.bcbe.org)

## **COMMUNITY AND WORKFORCE DEVELOPMENT**

The *Community and Workforce Development* course is offered to 11<sup>th</sup> and 12<sup>th</sup> grade students. This course allows students to undertake paid or unpaid work experiences in local businesses. Student participation in this class will be monitored by the local school. Students must satisfactorily complete all course requirements and turn in weekly evaluations signed by employers. Students will be awarded a Carnegie unit for successful completion of the course. In order to enroll in *Community and Workforce Development*, students must meet the following requirements:

- (a) be on track for graduation
- (b) have confirmed employment at a local business (students *may not* work for parents)
- (c) work at least 4-5 hours per week for each class of Community and Workforce Development. The work must be completed during the school day.
- (d) be satisfactorily evaluated each week by the employer
- (e) submit a completed and signed *Transportation Agreement Form*
- (f) submit a completed and signed *Community and Workforce Development Approval Form*

*Community and Workforce Development* participants enrolled in a high school on a 7 period day and who are enrolled in two units of the class may leave after their 5<sup>th</sup> period class.

*Community and Workforce Development* participants enrolled in a high school on a 7 period day and who are enrolled in three units of the class may leave after their 4<sup>th</sup> period class.

*Community and Workforce Development* participants enrolled in a high school on an 8 period day or an A/B modified schedule and who are enrolled in two units of the class may leave after six periods or the third block on both A and B day.

*Community and Workforce Development* participants enrolled in a high school on an 8 period day or an A/B modified schedule and who are enrolled in one unit of the class may leave after their 6<sup>th</sup> period class or one block on both A and B day.

## **CORRESPONDENCE COURSES**

Credit for correspondence courses may be allowed only on the following conditions:

1. Written approval must be given by both the principal and superintendent's designee before the correspondence work is begun.

2. Credits may be earned through correspondence from institutions recognized by the State Department of Education and from institutions accredited by the national accrediting agency recognized by the US Department of Education.
3. Only one credit may be earned during the regular school year by a student, and this credit shall be included in calculating the program of study.
4. Correspondence work should be taken only when the curricular offerings deny a student a course he particularly needs. Interested students should see their counselor for details.

### **CREDIT ADVANCEMENT**

Credit Advancement provides students the opportunity to prove mastery in a course never previously attempted. Students obtain course/class credit based on proficiency or mastery of content, rather than time spent in the classroom. Successful completion of a Credit Advancement course allows students to move forward into the next course in the sequence of that content area. **Please note that the National Collegiate Athletic Association (NCAA) may not recognize Credit Advancement for course credit.**

### **CREDIT RECOVERY**

In May 2008, the Alabama State Department of Education adopted the *First Choice Initiative*. One of the goals of this initiative is to enhance opportunities for high school students to graduate in a timely manner. *First Choice* allows local school boards to adopt policies and procedures that allow students who have failed core courses (courses required for graduation) an opportunity to make-up only the standards and objectives the student did not master. This approach, known as *Credit Recovery*, allows students to makeup non-mastered standards without repeating the entire course. Baldwin County Public School students may participate in credit recovery by adhering to the guidelines outlined below.

**The NCAA does not permit credit recovery courses to count toward athletic eligibility.**

Any student failing one or more core courses in grades 9-12 may apply for admission to the Credit Recovery program. Credit Recovery coursework and assessments are provided through a computer-based delivery system. Students who apply for admission and who are accepted into the Credit Recovery program must adhere to a contract that is collaboratively reviewed and signed by the student, parent/guardian, counselor, and principal. The contract outlines the guidelines for participation in the Credit Recovery program.

#### **Student Eligibility, Admission, and Removal**

- Students who earned a final grade between 40% - 59% in a core course are eligible for Credit Recovery.
- Students must complete the Credit Recovery Contract form. Parent/guardian and student signatures on the form signify agreement with the terms of the Credit Recovery program. Additionally, the parent/guardian and student must participate in an interview with the counselor in order to review program goals and requirements.
- Credit Recovery is not tied to regular seat hours, with the exception of students with excessive absences.
- Excessive absences (as defined by the Baldwin County Board of Education Attendance Policy), disruptive behaviors that interfere with the learning of others, and/or abuse of technology privileges as outlined in the district *Acceptable Use and Internet Safety Policy* will result in student removal from the Credit Recovery program.
- Students who are caught cheating will have their final grade reduced by one letter grade. A second incident of cheating will lead to the student's removal from the program.
- Students will not be dismissed from the Credit Recovery program until the appropriate number of lessons and mastery tests have been completed at the required accuracy.

#### **Credit Recovery Curriculum**

The Credit Recovery program curriculum will be delivered through computer-based instructional software. Students who demonstrate proficiency of standards after working through the instructional software program will earn a Carnegie Unit and be released from the Credit Recovery program, regardless of the number of seat hours completed.

The following guidelines govern student participation in Credit Recovery: Regular core courses will be offered through Credit Recovery. No Honors, AP, or IB courses will be included.

The list of available courses may be found at <http://accessdl.state.al.us>

#### **Awarding of Grades and Credits through Credit Recovery**



If the Student...	Then the Grade Earned is no higher than
Completes <u>all lessons</u> at 70% accuracy and a minimum of 60% accuracy on <u>all tests</u> .	C (70)
Does not complete plan requirements or earn scores required to receive a letter grade, or is removed from the program for contract violations.	N (no grade)

- Students are required to complete all assigned computer-based instructional modules.
- Students are required to complete all assigned mastery tests.
- Recovered credit will be awarded when students have completed all work and time requirements set forth by the Credit Recovery Procedures.
- Recovered credit will be entered on the transcript as repeat attempts and will not replace the previously earned grade. Both grades will be included in the student's cumulative grade point average.
- The Credit Recovery grade is based on the combination of grades from mastery tests and any required essays.

## **DUAL ENROLLMENT**

The Alabama State Board of Education has authorized the establishment of dual enrollment programs between public colleges and universities and local boards of education. **Alabama Coastal Community College (ACCC), University of South Alabama (USA), University of Alabama (UA) and Alabama Aviation College** participate with the Baldwin County School System to allow students to enroll in certain college level courses at the postsecondary institution and earn credits for high school diploma and a postsecondary degree/certification at the same time.

Dual enrollment is **not** an early graduation program. Interested students must see their high school guidance counselor before enrolling in a course for dual enrollment credit. Students must also meet prerequisites that both Baldwin County School System and the applicable college require (including an unweighted GPA and acceptable attendance), officially enroll in the college, and pay for books and required tuition for course(s) at the beginning of the semester.

Information regarding Career and Technical Education Dual Enrollment Programs can be found on pages 87-94. A complete listing of eligible courses can be obtained from the high school guidance counselor.

## **HIGH SCHOOL EARLY EXIT**

\*The student may elect to exit high school early if the following criteria are met:

1. The High School Early Exit application form must be completed and on file at the school. The student must complete Section I of the form by the end of the semester prior to graduation and return it to their counselor. Application forms are available from high school counselors or online at [www.bcbe.org](http://www.bcbe.org).
2. The student must meet all graduation requirements, including meeting a College and Career Ready indicator.
3. The student must have completed all coursework through one or a combination of the following methods:
  - a. Dual enrollment with Alabama Coastal Community College, or any other institution with whom the Board of Education has a dual enrollment agreement
  - b. Courses on the high school campus during the regular school day.
4. The student must provide to the counselor one of the following documents before exiting high school:
  - a. Letter of acceptance to a postsecondary institution,
  - b. Letter of acceptance to the military, or
  - c. Letter from employer verifying employment in the workplace.

The following guidelines should be considered as students and parents consider the High School Early Exit opportunity.

1. Following the completion of Section IV of the High School Early Exit application form, the student will be considered an alumnus, and therefore, will not be permitted to participate in any extracurricular activities, with the following exceptions: prom, senior honors program, and graduation ceremonies. Early Exit students who change their mind about exiting early after the first 10 days of the school year, will have to petition a school-based committee for approval to remain through May. Early Exit students may not re-enroll in high school.
2. Students who exit early will not be eligible for the distinction endorsement diplomas. In addition, no high school master schedules will be adjusted to accommodate a student who wishes to exit early. **Therefore, an Alabama High School Diploma may be the only option for early exit students.**

\*Every child between the ages of seven (7) and seventeen (17) years shall be required to enroll in school and to attend for the entire length of each scholastic year.

## **INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAMME**

Daphne High School and Fairhope High School house the International Baccalaureate (IB) Programme for Baldwin County Public Schools. The IB Programme is a rigorous 11<sup>th</sup> and 12<sup>th</sup> grade series of coursework designed to meet the needs of highly motivated secondary students and to promote international understanding. The International Baccalaureate organization in Geneva, Switzerland directs an international curriculum that is recognized by educators, colleges, and employers around the world as a standard of excellence. The student who completes the IB Programme demonstrates a strong commitment to learning, both in the mastery of subject content and the development of skills and discipline necessary for success in a competitive world.

IB classes at Daphne High and Fairhope High began in the Fall of 2008. Students from any Baldwin County public high school are eligible to apply for this program. Informational meetings are scheduled throughout the county for parents and students seeking more in-depth information. It is suggested that underclassmen anticipating applying for the IB Programme take the most advanced level courses available at their schools. For more information, contact the IB Coordinators at Daphne High and Fairhope High.

## **SENIOR EARLY RELEASE PROGRAM**

1st period SDE# 802111ac

2<sup>nd</sup> period SDE# 802111ad

The Baldwin County Board of Education has agreed to provide more post-secondary opportunities for high school seniors. The Senior Early Release Program, part of the Dual Enrollment Agreement with Alabama Coastal Community College (ACCC), underscores the fact that both institutions are dedicated to the academic and workforce success of all students. In order to participate in the Senior Early Release Program, 12<sup>th</sup> grade students must meet the following requirements:

- (a) be on track for graduation
- (b) a minimum GPA of 2.0
- (c) confirmed enrollment at Alabama Coastal Community College (ACCC)
- (d) paid tuition to approved college and purchased textbooks by the first day of class in the Baldwin County Public School System
- (e) submit a completed and signed *Transportation Agreement Form*
- (f) submit a completed and signed *Senior Early Release Approval Form*
- (g) attend orientation at approved college

Senior Early Release participants who attend a high school on a 7 period day schedule may leave after 5<sup>th</sup> period if they are enrolled in:

- (a) two approved college courses or
- (b) one approved college course and one *Community and Workforce Development (CWD)* course. The CWD course must be completed during the school day

Senior Early Release participants who attend a high school on an 8 period day or an A/B modified schedule may leave after 6<sup>th</sup> period or 3<sup>rd</sup> block and A and B day if they are enrolled in:

- (a) two approved college courses or
- (b) one approved college course and one *Community Workforce Development (CWD)* course. The CWD course must be completed during the school day.

## **SUMMER SCHOOL**

Students must seek advisement from their guidance counselor before planning to enroll in summer school. Specific procedures must be followed to receive credit for any course taken outside of the regular day program. High school students may make-up only two 18-week semesters of credit in summer school.

Students who fail both 18-week semesters of one course must make-up the entire course. Additionally, students who fail one 18-week semester of two separate courses may make-up each of the 18-week semesters failed in both courses.

The summer school course, numerical grade, and full credit will be recorded in the summer school section of the high school transcript as a stand alone grade. The summer school grade will not be averaged in with any 18-week semester grade earned from the previously failed course.

Tuition is charged for both summer school as well as the credit recovery program offered before or after school. Students are required to wear uniforms while attending summer school.

Students may also attend summer school for summer acceleration and credit advancement.

- Students who fail one semester or both 18-weeks of a course during the regular school year must make-up the entire course in summer school.
- There is a fee required for summer school.
- Students must earn a 60 or higher in the summer school course to receive credit. The summer school course, numerical grade, and full credit will be recorded in the summer school section of the high school transcript only after fees are paid.
- Summer school courses are delivered through a computer-based system.
- Parents are responsible for transportation to and from summer school.
- Daily attendance is required for all students. Students who do not meet attendance guidelines will be dismissed from summer school without refund.

# CORE COURSES

## ENGLISH

The goal of the 9-12 English program is for all Baldwin County students to achieve English language literacy through reading, literature, writing, language, research, inquiry, oral, and visual communication. This is accomplished through a sequential, comprehensive curriculum that develops lifelong, critical thinkers who approach problem solving with confidence. The English program is planned so that at each grade level the preceding concepts are enlarged upon, strengthened, and enriched. High school students grow significantly as writers, readers, and researchers as they progress from ninth grade to twelfth grade. They continue to develop physically, emotionally, and intellectually as well as strive to express their individuality and achieve greater independence. Mastery of English language arts skills at the high school level, along with skills and knowledge gained from other content areas, enables students to transition successfully from high school to postsecondary education or to the working world.

Grades 9-12 English courses offered by the high schools of Baldwin County are developed to meet the needs and interests of all students and include content standards from the Alabama Course of Study English Language Arts. Content is carefully aligned with the national *Standards for the English Language Arts* published by the National Council of Teachers of English and the International Reading Association. The English curriculum is aligned with the grammar and literature textbooks, the Course of Study, and all state assessments. Different levels of English are offered, and placement in these levels is the responsibility of the school. In the four units of required English, students are involved in the study and practice of writing/composition, reading, listening, speaking, viewing, and presenting. Emphasis is upon demonstration of language and reading skills as presented in the writing of sentences, paragraphs, and other types of composition. Students conduct individual research using all aspects of the research process. An effective blend of literature and writing is included. Vocabulary gained through reading and word study is incorporated into required compositions. All supplemental reading selections must be from the county approved reading list or receive approval from the Division of Instructional Support.

### English Grade 9

Ninth graders are gaining greater social independence while continuing to need guidance in developing personal and academic potential as they achieve higher levels of ability in reading, speaking, and writing. These students are moving from purely personal reactions to literature to critical responses. A variety of learning activities is employed to address different learning styles and to actively engage all students in learning. By increasing the level of expectations in language use, ninth graders strengthen their foundation in all English language arts strands. They become more strategic in their approach to reading increasingly complex selections. While the focus in reading is on world literature, students learn to synthesize information from texts as they extend skills to content-area texts. Similarly, students expand their control of the writing process and manage the research process to support a thesis on a topic of personal interest and increase their media literacy by becoming more strategic consumers of oral and visual information.

#### English 9

SDE# 200005ab

1 term/1 credit  
Grade 9

SDE# 20005 ACC Eng9

SDE# 20005aa CR Eng9

Students study all content standards in the current Alabama Ninth Grade English Language Arts Course of Study and read supplementary selections.

#### English 9 Honors

SDE# 200006

1 term/1 credit  
Grade 9

Students study all content standards in the current Alabama Ninth Grade English Language Arts Course of Study and read supplementary selections. This course requires more independent reading, additional writing, and provides less review than English 9.

## English Grade 10

Tenth graders are exploring potential careers and continuing to establish values and form cultural and personal identities. Their experiences broaden to include new activities such as working and driving. Classrooms that are rich in many kinds of activities encourage the growth students need and want. Such activities emphasize vocabulary development, critical thinking, reading, writing for various purposes, study skills, research, and appropriate language usage. Tenth graders study American literature to 1900 and world literature that influenced the development of American literature. The study of American writing and its background helps students relate literature to the historical period being studied in social studies. Biographies, autobiographies, historical novels, political writings, short stories, and poetry are read as classroom or independent study activities that familiarize students with authors and literary development while reinforcing reading skills. Students enrolled in this class must have successfully completed English 9.

### English 10

SDE# 200009ab

Prerequisite: Any course meeting the English 9 diploma requirement.

1 term/1 credit  
Grade 10

SDE# 20009 ACC Eng10

SDE# 20009aa CR Eng10

Students study all the content standards in the current Alabama Tenth Grade English Course of Study and read supplementary selections.

### English 10 Honors

SDE# 200010

Prerequisite: Any course meeting the English 9 diploma requirement.

1 term/1 credit  
Grade 10

Students study all the content standards in the current Alabama Tenth Grade English Course of Study and read supplementary selections. Students are expected to have achieved a mastery of mechanics that will facilitate more writing, editing, and revising.

## English Grade 11

Eleventh graders are beginning to make important life decisions. While these students are growing in confidence, they require guidance to prepare for the challenges of future life choices. As in earlier grades, consideration of individual learning styles is important, and diverse learning experiences assist students in raising their level of written and spoken communication. As students read primarily twentieth and twenty-first century American literature, they write responses to literary selections and participate in group discussions at ever-increasing levels of sophistication. Furthermore, students continue to develop confidence in their language skills as they make speeches, practice interview skills, edit the work of peers, and conduct research. They become more proficient readers as they focus on American literature and gain a deeper understanding of America's diversity, heritage, and place in the modern world. Students enrolled in this class must have successfully completed English 9 and 10.

### English 11

SDE# 200013ab

Prerequisite: Any course meeting the English 10 diploma requirement.

1 term/1 credit  
Grade 11

SDE# 200013 ACC Eng11

SDE# 200013aa CR Eng11

Students study all the content standards in the current Alabama Eleventh Grade English Course of Study and read supplementary selections.

### English 11 Honors

SDE# 200014

Prerequisite: Any course meeting the English 10 diploma requirement.

1 term/1 credit  
Grade 11

Students study all the content standards in the current Alabama Eleventh Grade English Course of Study and read supplementary selections. Students are expected to demonstrate a mastery of grammar usage and mechanics and to continue developing their writing skills.

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

SDE# 200016aa

Prerequisite: Any course meeting the English 10 diploma requirement.

1 term/1 credit

Grade 11

Fee: \$20.00

This course is designed to prepare students for the College Board Advanced Placement® English Language and Composition exam. An Advanced Placement course in English Language and Composition includes both the reading and analysis of varieties of prose and the study of the process of writing. Students will study examples of prose from various fields and periods that will serve as models of effective styles, and the course will offer a variety of writing assignments calling for the use of different styles or tones. Through such study and practice, students gain an understanding of the principles of effective writing and become effective writers themselves. Stylistic development is nurtured by emphasizing the following:

- A wide-ranging vocabulary used appropriately and effectively;
- A variety of sentence structures, including appropriate use of subordination and coordination;
- A logical organization, enhanced by specific techniques to increase coherence, such as repetition, transitions, and emphasis;
- A balance of generalization and specific illustrative detail; and
- An effective use of rhetoric, including controlling tone, establishing and maintaining voice, and achieving appropriate diction and sentence structure.

Throughout the study, the focus will be on the surface features of the text and on the underlying assumptions that inform it. Teachers of AP English Language and Composition course assume that students already understand and use standard English grammar. The intense concentration on language use in this course should enhance their ability to use grammatical conventions both appropriately and with sophistication as well as to develop stylistic maturity in their prose. Students enrolled in this course are encouraged to take the College Board Advanced Placement Examination.

## **English Grade 12**

Twelfth graders are at pivotal points in their lives. They are nearing the independence of adulthood and making many important decisions concerning their lives after high school. Academically, these students are deepening their appreciation of literature, becoming selective viewers of nonprint media, and are realizing the valuable role good written and oral communication skills play in their lives. While most students at this level have mastered a majority of English language arts concepts, they continue to require guidance in further developing their skills. Students at this grade level are expected to conduct research and present findings in a scholarly fashion. Their overall grasp of the tenets of grammar and the writing process approaches the level necessary for adulthood, and students are developmentally ready to explore British literature. Students are responsible for collaborative and independent work in all facets of their language arts studies. The twelfth-grade content standards are the culminating point of a curriculum designed to prepare students to function as self-directed, lifelong learners and effective communicators in their future roles in society. Students enrolled in this class must have successfully completed English 9, 10, and 11.

### **English 12**

SDE# 200017ab

Prerequisite: Any course meeting the English 11 diploma requirement

1 term/1 credit

Grade 12

SDE# 200017 ACC Eng12

SDE# 200017aa CR Eng12

Students study all the content standards in the current Alabama Twelfth Grade English Course of Study and read supplementary selections.

### **English 12 Honors**

SDE# 200018

Prerequisite: Any course meeting the English 11 diploma requirement

1 term/1 credit

Grade 12

Students study all content standards in the current Alabama Twelfth Grade English Language Arts Course of Study and read supplementary selections. Students are expected to demonstrate a mastery of grammar usage and mechanics and to continue developing their writing skills.

## **Advanced Placement (AP®) English Literature and Composition**

SDE# 200020aa

Prerequisite: Any course meeting the English 11 diploma requirement

1 term/1 credit

Grade 12

Fee: \$20.00

This course is designed to prepare students for the College Board Advanced Placement® English Literature and Composition exam. In an Advanced Placement course in English Literature and Composition, students are involved in both the study and practice of writing and the study of literature. They learn to use modes of discourse and to recognize the assumptions underlying various rhetorical strategies. Through speaking, listening, and reading, but chiefly through the experience of their own writing, students become aware of the resources of language: connotation, metaphor, irony, syntax, and tone.

Writing assignments focus on the critical analysis of literature and include essays in exposition and argument; personal narrative and the writing of stories, poems, or plays are also appropriate. The desired goals are the honest and effective use of language and the organization of ideas in a clear, coherent, and persuasive way.

Students are engaged in the careful and extensive reading of literary works. Through such study they sharpen their awareness of language and understanding of the writer's craft. They develop critical standards for the independent appreciation of any literary work, and they increase their sensitivity to literature as shared experience. To achieve these goals, students study the individual work, its language, characters, action, and themes. They consider its structure, meaning, and value in its relationship to contemporary experience as well as to the time in which it was written.

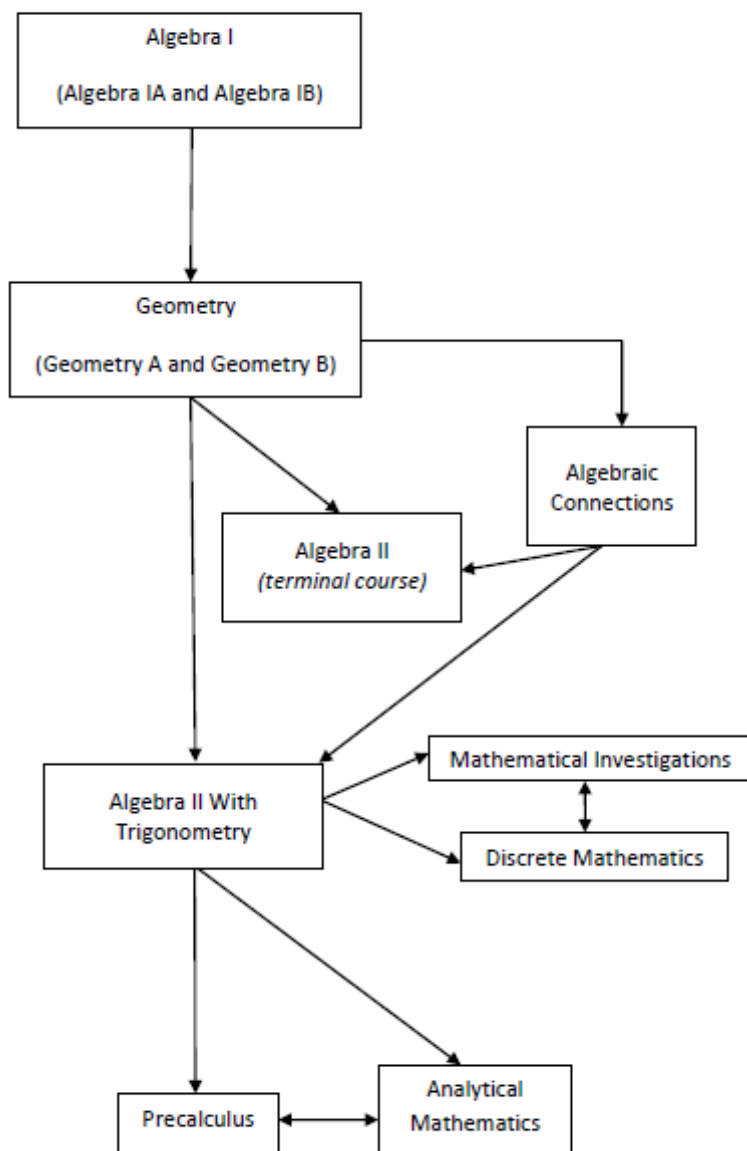
Students read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. In addition to considering a work's literary artistry, students consider the social and historical values it reflects and embodies. Careful attention to both textual detail and historical context provide a foundation for interpretation, whatever critical perspective is brought to bear on the literary works studied.

Students enrolled in this course are encouraged to take the College Board Advanced Placement® Examination.

## MATHEMATICS

All Alabama students must earn four credits in mathematics, including Algebra I, Geometry, and Algebra II (with or without Trigonometry). Algebra with Finance can take the place of the Algebra II requirement. Students are encouraged to go beyond basic requirements, enrolling in courses above the level of Algebra II with the goal of reaching their maximum potential. Selection of courses should be given careful consideration. Since mathematics courses are sequentially structured, adherence to prerequisites is essential.

### POSSIBLE COURSE PROGRESSION IN GRADES 9-12



**Algebra II, Algebra II with Trigonometry or Algebra with Finance is required for all students pursuing the Alabama High School Diploma.**

When selecting classes, consideration should be given to the student's future goals and the specific requirements for universities, the military, NCAA, etc. (For example, though foreign language and Algebra II with Trig are not required for the Alabama High School Diploma, some higher education programs may require these courses for admission to their specific programs.) Students and parents must check the requirements of any programs they plan to pursue in the future.



**Foundations**

SDE# 210033ad

1 term/1 **non-math** elective credit  
Grade 9

Foundations is a course designed to meet the needs of students who have difficulty mastering the Algebra I content in the 9<sup>th</sup> grade. Algebra I is the entryway math course in high school, therefore the focus of Foundations is to remediate students on the numerical and algebraic prerequisite skills needed in order to successfully complete their Algebra I requirement. Foundations content includes numerical and variable expressions; computations with integers, rational numbers, and real numbers; ratios, proportions, percents; linear equations, polynomials, statistics, and other math topics. Students unable to progress to Part B of Algebra for Mastery may be placed in a Foundations class during the second quarter. Various forms of assessment data may be used to place 9<sup>th</sup> grade students in this course. Students who successfully complete Foundations will be awarded an elective credit. Foundations **does NOT count as a math credit for graduation in Baldwin County**. Foundations is NOT recognized by NCAA for eligibility.

**Students may complete their Algebra I diploma requirement in one of two ways:**

1. **By earning credit for Algebra I or**
2. **By earning credits for both Algebra IA and IB.**

Every Algebra I course contains the same content as described in the *Alabama 2016 College and Career-Ready Standards--Mathematics*, but the method of completing the content is different. In Algebra for Mastery, the course pace is adjusted for both accelerated learners and those requiring more time based on the speed and level of the student's mastery of the Algebra concepts. Algebra I for one credit is for those students identified in the eighth grade as Algebra-ready and Algebra IA/IB for two credits is for students who need a slower pace in order to successfully complete Algebra.

**Algebra for Mastery (A4M)**

SDE# 210005aa

See chart below for credits  
Grade 9

Several Baldwin County high schools offer a program called Algebra for Mastery, which allows students to progress through the Algebra I course after being taught the content and demonstrating mastery of particular topics. Each student's progression through the program is determined by his/her performance; therefore those completing the Algebra for Mastery program have many opportunities for acceleration as well as remediation. High schools use middle school assessment data to place 9<sup>th</sup> graders in the most appropriate course to meet their 9<sup>th</sup> grade math requirement, whether it is the Algebra for Mastery program, Algebra I or Algebra IA and IB. Students who complete Algebra for Mastery in six to eight sessions will be awarded credit for Algebra IA and Algebra IB.

**(1 session = 4 ½ weeks)**

<b>Complete A4M in...</b>	<b>Credit</b>	<b>Required for these diplomas</b>	<b>Student proceeds to ...</b>
4 sessions (by Christmas)	Algebra I 1 credit	College Prep and both Distinction diplomas	2 <sup>nd</sup> term - Geometry, other core course, or elective
5 sessions	Algebra I 1 credit	College Prep and both Distinction diplomas	Freshman Seminar (course # 7125) taught by A4M teacher **
6 sessions	Algebra IA & Algebra IB 2 credits	Standard and Advanced Diplomas	Algebra I enrichment taught by A4M teacher(s)
7 sessions	Algebra IA & Algebra IB 2 credits	Standard and Advanced Diplomas	Algebra I enrichment taught by A4M teacher(s)
8 sessions (Whole Year)	Algebra IA & Algebra IB 2 credits	Standard and Advanced Diplomas	Fall term – Geometry or Geometry A

\*\* Freshman Seminar is a non-math elective credit which includes math and/or interdisciplinary enrichment activities and is taught by an A4M teacher.

## Algebra I

SDE# 210005ag  
SDE# 210005 ACC Alg 1  
SDE# 210005ab CR Alg 1

1 term/1 credit  
Grades 9-11

Students study all the content standards in the current Alabama Course of Study for Algebra I.

Note: This course will satisfy the Algebra I requirement for all diplomas. Students taking Algebra I in the 8<sup>th</sup> grade may take this course however, enrollment signifies that only the credit for the 9<sup>th</sup> grade class will appear on the transcript and only the grade earned in the 9<sup>th</sup> grade course will be used for any transcript calculations.

**Note:** Students awarded credit for Algebra IA and IB may not take this course.

Credit for Algebra I will be awarded for

1. Students who successfully complete Algebra I in the 8<sup>th</sup> grade and choose not take it in the 9<sup>th</sup> grade,
2. Students who successfully complete Algebra for Mastery in at most five sessions, and
3. Students who successfully complete the course in the high schools where it is offered.

## Algebra IA

SDE# 210008ab

1 term/1 credit  
Grades 9-11

SDE# 210008 ACC Alg1A  
SDE# 210008aa CR Alg1A

## Algebra IB

SDE# 210009ab  
Prerequisite: Algebra IA

1 term/1 credit  
Grades 9-11

SDE# 210009 ACC Alg1B  
SDE# 210009aa CR Alg1B

Students will study all the content standards in the current Alabama Course of Study for Algebra I. Students who successfully complete both Algebra IA and Algebra IB will receive two math credits and meet the Algebra I state requirement.

**Note:** Students awarded credit for Algebra I may not take Algebra IA or Algebra IB.

### Students may complete their Geometry diploma requirement in one of three ways:

1. **By earning credit for Geometry or**
2. **By earning credit for Honors Geometry or**
3. **By earning credit for both Geometry A and Geometry B.**

As described below, the mathematics content is the same, but the method of completing the content and the rigor are different. The mathematics provides students with knowledge about shapes and properties and assists with the development of spatial sense, critical for further study in mathematics and for everyday life. Emphasis is placed on the power of deductive reasoning, expressed either informally or formally in a variety of formats. Content is from the Alabama State Course of Study for Geometry.

## Geometry

SDE# 210010aa  
Prerequisite: Any course(s) meeting the Algebra I diploma requirement

1 term/1 credit  
Grades 9-12

SDE# 210010 ACC Geom  
SDE# 210010ab CR Geom

Students will study all the content standards in the current Alabama Course of Study for Geometry.

**Note:** Students awarded credit for Geometry A and B may not take Geometry.

## Honors Geometry

SDE# 210011ab  
Prerequisite: Any course(s) meeting the Algebra I diploma requirement

1 term/1 credit  
Grades 9-12

Students will study all the content standards in the current Alabama Course of Study for Geometry with increased rigor and expansion of topic-depth for advanced math preparation.

## Geometry A

SDE# 210013aa 1 term/1 credit  
Prerequisite: Any course(s) meeting the Algebra I diploma requirement Grades 10-12  
SDE# 210013 ACC GeomA  
SDE# 210013ab CR GeomA

## Geometry B

SDE# 210014aa 1 term/1 credit  
Prerequisite: Geometry A Grades 10-12  
SDE# 210014 ACC GeomB  
SDE# 210014ac CR GeomB

Students will study all the content standards in the current Alabama Course of Study for Geometry. Students who successfully complete both Geometry A and B will receive two math credits and will meet the Geometry requirement for the Alabama High School Diploma.

**Note:** Students awarded credit for Geometry may not take Geometry A or Geometry B.

## Algebraic Connections

SDE# 210015 1 term/1 credit  
Prerequisite: Any course(s) meeting the Geometry diploma requirement Grades 10-12  
SDE#210015aa ACC Alg Conn  
SDE#210015ab CR Alg Conn

Algebraic Connections is a course that provides students with a bridge to courses beyond the level of Algebra I and Geometry and to the mathematical empowerment needed to make responsible financial and economic decisions. It is designed for students who need additional mathematical experiences **prior to enrollment in Algebra II, with or without Trigonometry**. Students will study all the content standards in the current Alabama Course of Study for Algebraic Connections.

**Note:** Students awarded credit for Algebra II, with or without Trigonometry, or Algebra with Finance may not take Algebraic Connections.

## Algebra II

SDE# 210016ab 1 term/1 credit  
Prerequisite: Any course(s) meeting the Geometry diploma requirement Grades: 10-12  
SDE# 210016 ACC Alg II  
SDE# 210016aa CR Alg II

Algebra II is a course designed to extend students' algebraic knowledge and skills. To help students appreciate the power of algebra, applications involving real-life situations are incorporated throughout the course. Algebra II does not provide sufficient background to prepare students to pursue higher-level mathematics courses such as Pre-Calculus, Analytical Mathematics and Discrete Mathematics. Students will study all the content standards in the current Alabama Course of Study for Algebra II.

## Algebra II with Trigonometry

SDE# 210017ab 1 term/1 credit  
Prerequisite: Geometry Grades 10-12  
SDE# 210017 ACC Alg II with Trig  
SDE# 210017aa CR Alg II with Trig

Algebra II with Trigonometry focuses on problem-solving skills that use a variety of methods to encourage the development of improved communication skills and foster a deeper understanding of the content area. In order to provide students with an appreciation of the power of algebra, applications involving real-life situations are incorporated throughout the course. Students will study all the content standards in the current Alabama Course of Study for Algebra II with Trigonometry. Although this course is valuable for all students, it is strongly recommended for students who intend to pursue postsecondary studies.

## Discrete Mathematics

SDE# 210018 1 term/1 credit  
Prerequisite: Algebra II with Trigonometry required Grades 11-12  
Fee: \$20.00

Discrete Mathematics is designed primarily for those students who have successfully completed the Algebra II with Trigonometry course and who choose not to continue mathematics study in Precalculus or Analytical Math.

This course expands on the topics of matrices, combinational reasoning, counting techniques, algorithms, sequences, series, and the applications thereof. Students will study all the content standards in the current Alabama Course of Study for Discrete Math.

### Mathematical Investigations

SDE# 210019

Prerequisite: Algebra II or Algebra II with Trigonometry required

1 term/1 credit

Grades 11-12

Mathematical Investigations is a course designed primarily for those students who have successfully completed the Algebra II or Algebra II with Trigonometry course and who choose not to continue mathematics study in Precalculus or Analytical Math. Topics studied include ancient numeration systems, relationships between math and nature, music, art, and architecture, and the contributions of well-known mathematicians. Students will study all the content standards in the current Alabama Course of Study for Mathematical Investigations.

### Precalculus

SDE# 210020aa

Prerequisite: Algebra II with Trigonometry required

SDE# 210020 ACC Precal

1 term/1 credit

Grades 11-12

Precalculus is designed primarily for those students considering careers in mathematical or scientific fields of study. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Students will study all the content standards in the current Alabama Course of Study for Pre-Calculus.

### Analytical Mathematics

SDE# 210034

Prerequisite: Algebra II with Trigonometry required

1 term/1 credit

Grades 11-12

Analytical Math is a math course considered to be parallel in rigor to Precalculus and consists of structured in-depth study in linear algebra, logic, vectors, matrices and application-based problem solving with a basis in graphical analysis. Students will study all the content standards in the current Alabama Course of Study for Analytical Mathematics.

### Algebra with Finance

SDE# 210036

SDE# 210036aa ACC Alg with Finance

SDE# 210036ab CR Alg with Finance

1 term/1 credit

Grades 10-12

Algebra with Finance is a college and career preparatory course that integrates algebra, precalculus, probability and statistics; calculus and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, automobile ownership and operation, mortgages, employment, income taxes, budgeting and planning for independent living and retirement are solved by applying the relevant mathematics that are taught at a higher level.

**Note:** *Although this course is approved by the Alabama State Department of Education, it does not meet the academic admissions requirements for all post-secondary institutions. Students and parents are advised to check the requirements of post-secondary institutions, NCAA, and employers before enrolling in this course.*

### AP Computer Science Principles

SDE# 520018

Prerequisite: Algebra II/Trig

1 term/1 credit

Grades 10-12

Fee: \$20.00

A one-credit course designed to introduce students to the central ideas of computing and computer science. The course content is focused on creativity, abstraction, algorithms, programming, big data, internet/networking, and societal impact.

**Note:** *Although this course is approved by the Alabama State Department of Education, it does not meet the academic admissions requirements for all post-secondary institutions. Students and parents are advised to check the requirements of post-secondary institutions, NCAA, and employers before enrolling in this course.*

### Career Mathematics

SDE# 400024  
Prerequisite: Alg. I & Geometry

1 term/ 1 credit  
Grades 9-12

A one-credit course that provides students with the foundational knowledge and processes needed to apply mathematic concepts in a career setting. Emphasis is placed on applied problems in the areas of algebra, geometry, measurement, and probability and statistics.

**Note:** *Although this course is approved by the Alabama State Department of Education, it does not meet the academic admissions requirements for all post-secondary institutions. Students and parents are advised to check the requirements of post-secondary institutions, NCAA, and employers before enrolling in this course.*

### Advanced Placement (AP) Computer Science A,

SDE# 520007aa  
Prerequisite: Algebra II/ Trig  
SDE# 520007 ACC AP Computer Science, A

1term/1 credit  
Grades: 9-12  
Fee: \$20.00

A one credit college-level course following the curriculum established by the College Board Advanced Placement (AP) Program for computer science; emphasized object-oriented programming methodology with a concentration on problem-solving and algorithm development.

**Note:** *Although this course is approved by the Alabama State Department of Education, it does not meet the academic admissions requirements for all post-secondary institutions. Students and parents are advised to check the requirements of post-secondary institutions, NCAA, and employers before enrolling in this course.*

### Advanced Placement (AP®) Calculus AB

SDE# 210025aa  
Prerequisite: Precalculus required  
SDE# 210025 ACC AP Calculus AB

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

AP Calculus AB is recommended for students who plan to enter an engineering or mathematics program at the college or university level. It includes limits and continuity, derivatives and their applications, integration, applications of definite integrals, Fundamental Theorem of Calculus, and other topics. This course requires the use of a graphing calculator.

This course is designed to prepare students for the College Board Advanced Placement® Calculus AB exam and students are encouraged to take the exam.

### Advanced Placement (AP®) Calculus BC

SDE# 210026  
Prerequisite: PreCalculus

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. College-level course approved by the College Board Advanced Placement (AP) Program for calculus; this course is an extension of AP Calculus AB (incorporating the topic of series) rather than an enhancement; common topics require a similar depth of understanding. This course requires the use of a graphing calculator. This course is designed to prepare students for the College Board Advanced Placement ® Calculus BC exam and students are encouraged to take the exam.

### Advanced Placement (AP®) Statistics

SDE# 210027aa  
SDE#210027 ACC AP Statistics  
Prerequisite: Algebra II with Trigonometry

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Four broad conceptual themes are covered in AP® Statistics: Exploring data by observing patterns, planning a study, anticipating patterns through probability and simulation, and statistical inference. This course requires the use of a graphing calculator. The course is designed to prepare students with a wide range of math proficiencies to take the AP® Statistics Exam and students are encouraged to take the exam.

## SCIENCE

The high school science curriculum offers courses for the development of critical thinking and problem solving skills necessary for the high technological future that today's students will experience. **Emphasis is placed on the learning of science by involving students with "hands-on" and laboratory experiences.** Educational and occupational goals should be carefully considered by all students before selecting their science courses. Baldwin County Board of Education offers the following cores, Physical Science, Biology, Chemistry, and Physics. A variety of electives are offered. **The \* electives may not be offered at every high school due to availability of human resources, facilities, and/or demand.**

### Biology

SDE# 220011ab

1 term/1 credit

Grade 9

SDE# 220011 ACC Biology

SDE# 220011aa CR Biology

Biology provides students with general exploratory experiences and activities in the fundamental concepts of life and expands the biological concepts that were introduced in elementary and middle school, plus presenting additional facts, concepts, and generalizations. Students should use clear and accurate language, keep accurate records, make reports, present oral and written projects, and participate in discussions regarding the results and conclusions of scientific investigations.

**Students who earn a unit of Biology Honors may not take this course.**

### Honors Biology/PIB

SDE# 220012

1 term/1 credit

Grade 9

Fee \$15.00

Honors Biology is a survey course of general biology. Following the Alabama State Course of Study, emphasis is placed on cellular biological concepts. The concepts studied are the same as those covered in General Biology but with increased emphasis on more in-depth study, open-ended lab activities and higher order thinking skills. Students must be able to read and comprehend scientific information and analyze data presented in graphs, tables, and other scientific models. The use of technology and completion of outside projects are an important part of honors biology. **Students who earn credit for Biology may not take this course.**

### \*Aquascience

SDE# 220044ae

1 term/1 credit

Prerequisite: Any course meeting the Biology graduation requirement

Grades 10-12

A physical science course is recommended

Fee: \$15.00

Honors Biology recommended

Aquascience introduces students to practical applications of both physical and biological concepts and skills. This program places heavy emphasis on integration of knowledge to solve problems and broaden depth of understanding about such topics as selective breeding, marine geology, hydrology, and fluid dynamics; biogeochemical cycles; and regulation of management of water resources.

**\*This course only counts as a science credit pending annual waiver from ALSDE**

### Chemistry I

SDE# 220061aa

1 term/1 credit

Prerequisite: Any course meeting the Biology graduation requirement

Grades 10-12

Algebra I and Algebra II

Fee: \$15.00

Chemistry provides the basis for students to address consumer, health, safety, environmental, technological, societal, and scientific issues on a daily basis. The content of this course defines the fundamental knowledge and skills necessary for students to develop an understanding of the most basic chemistry concept associated with structure, form, change, availability, and use of matter and energy. Laboratory observations and experiments are used to explain the methods and mechanisms necessary for chemical changes. This laboratory-based course encourages critical thinking and the use of basic chemical concepts and scientific strategies by students as they learn to make intelligent decisions and solve practical problems.

### Honors Chemistry/PIB

SDE# 220062ac

1 term/1 credit

SDE# 220062ab PIB

Grades 9-12

Prerequisite: Any course meeting the Biology graduation requirement (Hon Biology recommended)  
Fee: \$15.00

NOTE: FULFILLS THE A "PHYSICAL SCIENCE" GRADUATION REQUIREMENT. 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.

### Earth and Space Science

SDE# 220081

Prerequisite: Physical Science or Chemistry or Physics

1 term/1 credit

Grades 11-12

Earth and Space Science introduces students to an advanced study of Earth and perspectives of the universe from Earth as well as future challenges and technologies required for space exploration.

### Environmental Science

SDE# 220029ab

Prerequisite: Any course meeting the Biology graduation requirement  
Physical Science or Chemistry I are recommended

1 term/1 credit

Grades 10-12

SDE# 220029 ACC EnviroSci

SDE# 220029aa CR EnviroSci

Environmental science is a life science course which emphasizes the study of terrestrial and freshwater ecosystems, environmental issues, techniques of laboratory and field studies, and sources and control of pollution. The importance of environmental study is stressed as it relates to everyday decision making. Students will learn about activities in progress to correct past environmental damage and how to protect the environment for future generations.

### Human Anatomy and Physiology

SDE# 220026

SDE# 220026ab ACC Human Anat .and Phy.

Prerequisite: Honors Biology recommended

1 term/1 credit

Grades 9-12

Fee: \$15.00

Study of structure and function of human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in an organisms; how personal choices, environmental factors, and genetic factors affect the human body. An important component of this course is a safe laboratory setting where students participate in active learning to illustrate scientific concepts that incorporate activities such as histological studies, dissections, urinalysis and blood-testing simulations, and computer-based electrocardiography. Students are expected to use clear and accurate academic language, keep detailed records, make oral and written presentations, and defend claims based on evidence from their own and others' scientific investigations. **Students who earn a unit of Human Anatomy and Physiology, Honors may not take this course.** NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR "A PHYSICAL SCIENCE".

### Human Anatomy and Physiology, Honors

SDE# 220027

Prerequisite: Honors Biology recommended

1 term/1 credit

Grades 9-12

Fee: \$15.00

Advanced study of structure and function of human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in an organisms; how personal choices, environmental factors, and genetic factors affect the human body. An important component of this course is a safe laboratory setting where students participate in active learning to illustrate scientific concepts that incorporate activities such as histological studies, dissections, urinalysis and blood-testing simulations, and computer-based electrocardiography. Students are expected to use clear and accurate academic language, keep detailed records, make oral and written presentations, and defend claims based on evidence from their own and others' scientific investigations. NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR "A PHYSICAL SCIENCE".

### \* Marine Science

SDE#220040aa

Prerequisite: Any course meeting the Biology graduation recommended  
Physical Science is recommended

1 term/1 credit  
Grades 10-12  
Fee: \$15.00

Marine Science is an introductory course for students interested in the field of Marine Science. Students will gain an appreciation of the balance of natural systems within the context of marine ecosystems. Students will discuss topics of local interest such as marine pollution and over fishing. **Students who earn a credit in Honors Marine Science may not take this course.**

**\*This course only counts as a science credit pending annual waiver from ALSDE**

### Honors Marine Science

SDE# 220040ab

Prerequisite: Honors Biology is recommended  
A physical science course is recommended

1 term/1 credit  
Grades 10-12  
Fee: \$15.00

Honors Marine Science is a course which encompasses physical and chemical dynamics of the marine environment, forces affecting the marine environment, taxonomy of marine life forms, and future uses and development of the marine and freshwater ecosystems. Appreciation for the sea and its contributions to all living things, an understanding of the importance of the sea to humankind and interrelationships among organisms, awareness of dangers to the sea, and the feasibility of increasing food supplies from the sea will be addressed during the course.

### Physical Science

SDE# 220051ab

SDE# 220051 ACC PhySci  
SDE# 220051aa CR PhySci

1 term/1 credit  
Grades 10-12

Physical Science is an inquiry-based course that includes basic concepts and skills in chemistry and physics that are considered foundational in those disciplines. This course focuses on scientific facts, concepts, principles, theories, and models that are important for scientific literacy. Laboratory experiences are provided for the reinforcement of concepts and for enrichment. This course is offered in grades 10-12 and can be used to satisfy the physical science unit required by the State of Alabama for graduation.

### Physics

SDE# 220071aa

Prerequisites: Algebra II w/Trigonometry  
Honors Biology is recommended

1 term/1 credit  
Grades 11-12  
Fee: \$15.00

Physics is the branch of science that addresses the properties of physical matter, physical quantities, and their relationships. It consists of studies of mechanics, heat, light, sound, electricity, and magnetism. Algorithmic problem solving skills are used as well as the understanding and ability to describe and interpret quantitative relationships in physics. This course provides an opportunity for students to expand their knowledge of physical phenomena, develop the ability to think critically, and solve practical problems related to matter and energy.

### \*Zoology

SDE# 220044ad

Prerequisite: Honors Biology

1 term/1 credit  
Grades 11-12  
Fee: \$15.00

Zoology builds on biology with added emphasis on animal taxonomy, basic body plans, symmetry, and behavior. The emerging field of bioethics provides information on the proper care and ethical treatment of laboratory animals. Laboratory investigations, including dissection as well as computer simulations, provide students with adequate exposure to the comparative anatomy of representative animal species.

**\*This course only counts as a science credit pending annual waiver from ALSDE**

### \*Advanced Placement (AP®) Biology

SDE# 220014aa

Prerequisite: Honors Biology and Chemistry I

1 term/1 credit  
Grades 11-12



Fee: \$20.00

The AP Biology course, as stated in the College Board's Advanced Placement Program Course Description is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year. Three general areas are covered during the one-year course:

1. Molecules and Cells
2. Heredity and Evolution
3. Organisms and Populations

One of the main goals of AP biology is to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The ongoing information explosion in biology makes these goals even more challenging. Primary emphasis will be on developing an understanding of concepts rather than on memorizing terms and technical details. Therefore, a grasp of the major topics of biology; and application of biological knowledge, analytical skills, and critical thinking to environmental and social concerns will be stressed. This course is designed to prepare students for the College Board Advanced Placement® Biology exam and students are encouraged to take the exam.

### **\*Advanced Placement (AP®) Environmental Science**

SDE# 220032

Prerequisite: Honors Biology and Chemistry I

1 term/1 credit

Grades 11-12

Fee: \$20.00

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them.

Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. The following themes provide a foundation for the structure of the AP Environmental Science course.

1. Science is a process.
2. Energy conversions underlie all ecological processes.
3. The Earth itself is one interconnected system.
4. Humans alter natural systems.
5. Environmental problems have a cultural and social context.
6. Human survival depends on developing practices that will achieve sustainable systems.

As a prerequisite, students should complete two years of high school laboratory science (one year of life science and one year of physical science, for example, biology and chemistry). Due to quantitative analysis that is required in the course, students should also have taken at least one year of algebra. Earth science is not required but recommended. This course is designed to prepare students for the College Board Advanced Placement® Environmental Science exam and students are encouraged to take the exam.

### **\*Advanced Placement (AP®) Chemistry**

SDE# 220064aa

Prerequisite: Chemistry I

Algebra II recommended

1 term/1 credit

Grades 11-12

Fee: \$20.00

The AP Chemistry course is designed to be the equivalent of a first-year college general chemistry course. The suggested topics are: structure of matter, states of matter, reactions, and descriptive chemistry. The required laboratory experience is extensive. Students should obtain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. AP Chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations, and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory. Students should expect to spend a minimum of 5 hours per week studying outside of class. This course is designed to prepare students for the College Board Advanced Placement® Chemistry exam and students are encouraged to take the exam.

### **\*Advanced Placement (AP®) Physics 1**

SDE# 220057

1 term/1 credit

Prerequisite: Completed geometry and completed or concurrently taking Algebra II

Grades 11-12

Fee: \$20.00

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. This course is designed to prepare students for the College Board Advanced Placement® Physics 1 exam and students are encouraged to take the exam.

**\*Advanced Placement (AP®) Physics 2**

SDE# 220058

Prerequisite: AP Physics 1 and completed or concurrently taking precalculus

1 term/1 credit

Grades 11-12

Fee: \$20.00

AP Physics 2 is an algebra-based, introductory college-level physics course that explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This course is designed to prepare students for the College Board Advanced Placement® Physics 2 exam and students are encouraged to take the exam.

**Physics C: Mechanics, AP**

SDE# 220069

Prerequisite: has completed or concurrently taking calculus

0.5 term/0.5 credit

Grades 11-12

Fee: \$20.00

PREREQUISITE: THE COLLEGE BOARD RECOMMENDS THAT THIS IS A ONE-SEMESTER COURSE AND RECOMMENDS TEACHING AP PHYSICS C: MECHANICS THE FIRST SEMESTER AND AP PHYSICS C: ELECTRICITY AND MAGNETISM THE SECOND SEMESTER. College-level advanced physics course following the curriculum established by the College Board Advanced Placement (AP) Program for physics; this course should provide instruction in Newton's laws of motion; work, energy and power, systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation

**Physics C: Electricity and Magnetism, AP**

SDE# 220075

Prerequisite: AP Physics C: Mechanics

0.5 term/0.5 credit

Grades 11-12

Fee: \$20.00

PREREQUISITE: THE COLLEGE BOARD RECOMMENDS THAT THIS IS A ONE-SEMESTER COURSE AND RECOMMENDS TEACHING AP PHYSICS C: MECHANICS THE FIRST SEMESTER AND AP PHYSICS C: ELECTRICITY AND MAGNETISM THE SECOND SEMESTER. College-level advanced physics course following the curriculum established by the College Board Advanced Placement (AP) Program for physics; this course should provide instruction in electrostatics; conductors; capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism

## SOCIAL SCIENCE

The 2010 Alabama Course of Study: Social Studies provides the basic foundation for the K-12 social studies curriculum in our state's public schools. The comprehensive document emphasizes **responsible citizenship** and promotes competence in economics, geography, history, and political science. Reading, writing, and using technology are essential elements of all social studies coursework. The content standards in the course of study encourage students to become educated, responsible, and participating citizens at local, national, and international levels so that they are knowledgeable of the world and its peoples and can make sound decisions.

The course requirements are the following:

Grade 9	World History: 1500 to the Present
Grade 10	United States History to 1877
Grade 11	United States History from 1877 to the Present
Grade 12	United States Government/Economics

### World History

SDE# 230013ab

1 term/1 credit  
Grade 9

SDE# 230013 ACC World His  
SDE# 230013aa CR World His

Ninth grade students continue the study of world history from 1500 to the present. They use critical thinking skills and analysis to understand global interdependence and the connections among the different peoples in the world. Ninth graders also analyze development and changes in the European, Asian, African, and American civilizations and how the interactions of these cultures have shaped today's world. By studying other cultures, ninth grade students will develop a better understanding of our unique heritage and freedom. Geographic concepts increase students' comprehension and understanding of global connections.

### Honors World History

SDE# 230014

1 term/1 credit  
Grade 9

This ninth grade world history course is designed for all students. Students will study world history from 1500 to the present, examining the economic, social, cultural, intellectual, and technological developments that have contributed to modern cultures. Students will utilize critical thinking and analytical skills to learn about and compare civilizations that existed from 1500 to the present. Through historical inquiry, students will grow to understand and appreciate how ancient Asian, African, American, and European civilizations have influenced modern societies. This course incorporates relevant primary and secondary sources to develop higher-order thinking skills and a greater understanding of the events, movements, and principal themes of modern world history.

### United States History I

SDE# 230016ab

1 term/1 credit  
Grade 10

SDE# 230016 ACC US His I  
SDE# 230016aa CR US His I

The 10<sup>th</sup> grade course, United States History to 1877, encompasses a study of five centuries of social, economic, geographic, and political development in the United States. Students follow a chronological study of the major events, issues, movements, leaders, and groups of people of the United States from the earliest discoveries on the North American continent through Reconstruction, from a national and an Alabama perspective. The use of critical thinking skills will enable students to compare, analyze, and explain events and developments.

### Honors United States History I

SDE# 230017

1 term/1 credit  
Grade 10

Covering the historical development of America from the earliest discoveries on the North American continent through Reconstruction in 1877, this course involves the intense study of ideas, institutions, concepts, and major themes in greater depth than United States History I. Techniques of historical research and writing are provided to prepare students for college and/or AP social studies. In addition, documents, reading materials, and discussion/debate encourage social, geographic, economic, and political literacy in compliance with the Alabama Course of Study: Social Studies. This course is a required prerequisite for US History AP.

**United States History II**

SDE# 230019ab

1 term/1 credit  
Grade 11SDE# 230019 ACC US His II  
SDE# 230019aa CR US His II

United States History from 1877 to the Present continues the study begun in the 10<sup>th</sup> grade. The course begins with the post-Reconstruction United States and its shift into a more industrialized society and continues through the 20<sup>th</sup> century to the present. Eleventh graders study chronologically major events, issues, movements and leaders of the United States from both a national and an Alabama perspective. Students should have more fully developed skills in abstract thinking and thus be able to compare, analyze, and explain events and developments instead of merely identifying or listing them.

**Honors United States History II**

SDE# 230020

1 term/1 credit  
Grade 11

Recommended prerequisite: Honors US History I

Honors United States History II continues the study of American history begun in the 10<sup>th</sup> grade. This course begins with Reconstruction in 1877 and involves the intense study of ideas, institutions, concepts, and major themes in greater depth than United States History II. Techniques of historical research and writing are provided to prepare students for college and/or AP social studies. In addition, documents, reading materials, and discussion/debate encourage social, geographic, economic, and political literacy in compliance with the Alabama Course of Study: Social Studies.

**Government**

SDE# 230041ab

0.5 term/0.5 credit  
Grade 12SDE# 230041 ACC US Gov  
SDE# 230041aa CR US Gov

United States Government is a required semester/quarter course for all Grade 12 students. The goal of United States Government is to encourage the development of civic competence and civic participation for all students. United States Government focuses on the origins, structure, and functions of government at all levels in the United States. This course includes a detailed study of the Constitution and its provisions. Emphasis is placed on intellectual factors that influenced the development of a republic based on the rule of law, freedom of opportunity, individual liberty, and representative democracy.

**Economics**

SDE# 230051ab

0.5 term/0.5 credit  
Grade 12SDE# 230051 ACC Econ  
SDE# 230051aa CR Econ

Economics is a required semester/quarter course for all Grade 12 students. Economics focuses on the functions and institutions of modern-day economic systems and economic theory. Students use the knowledge and analytical thinking skills they learned in previous courses to analyze issues and problems in contemporary economic systems and examine the consequences of public policies and their impact upon current economic conditions. Students go beyond the acquisition of facts to develop skills for collection, in-depth analysis, and interpretation of important information in both courses.

**Honors Economics**

SDE# 230052

0.5 term/0.5 credit  
Grade 12

Honors Economics takes to a deeper level the functions and institutions of modern-day economic systems and economic theory. Students use the knowledge and analytical thinking skills they learned in previous courses to analyze issues and problems in contemporary economic systems and examine the consequences of public policies and their impact upon current economic conditions. This course will include advanced-level analysis and essay writing. Students go beyond the acquisition of facts to develop skills for collection, in-depth analysis, and interpretation of important information in both courses.

### **Advanced Placement (AP®) United States History**

SDE# 230022aa

Recommended prerequisite: Honors US History I

SDE# 230022 ACC AP US History

1 term/1 credit

Grade 11

Fee: \$20.00

This course involves an intensive study of the major themes of American history and is designed to prepare students for the College Board Advanced Placement United States History exam. It provides the student an opportunity to pursue selected areas and concepts in greater depth and develop the ability to read advanced level historical works analytically and critically, weigh historical evidence and interpretations, and arrive at conclusions on the basis of facts. Techniques of historical research and writing are emphasized throughout. Students should expect extensive outside reading to prepare daily for this class. This course is designed to prepare students for the College Board Advanced Placement® United States History exam and students are encouraged to take the exam.

### **Advanced Placement (AP®) World History**

SDE# 230027

1 term/1 credit

Grades 10-12

Fee: \$20.00

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization to the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. This course is open to any 10<sup>th</sup>-12<sup>th</sup> grade student for elective credit. This course is designed to prepare students for the College Board Advanced Placement® World History exam and students are encouraged to take the exam.

### **Advanced Placement (AP®) European History**

SDE# 230029

1 term/1 credit

Grades 10-12

Fee: \$20.00

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. This course is required for all 10<sup>th</sup> grade students in the IB Programme in lieu of Honors US History I. This course is also open to 10<sup>th</sup>-12<sup>th</sup> grade students for elective credit. This course is designed to prepare students for the College Board Advanced Placement® European History exam and students are encouraged to take the exam.

**AP Human Geography or AP European History can take the place of one of the standard level US History courses (US History I, US History II) required for graduation if the student also earns a credit in AP US History. If the student earns a credit in AP Human Geography and/or AP European History but does not earn a credit in AP US History, then the student is required to earn credits in both US History I and US History II to earn a standard diploma.**

### **Advanced Placement (AP®) Government and Politics**

SDE# 230047

SDE# 230047aa ACC AP Gov. and Politics

1 term/1 credit

Grade 12

Fee: \$20.00

Advanced Placement Government and Politics is a course intended for students interested in an extensive study of American government. The course deals primarily with the American governmental system, how it operates, and its position in the world community. The course also examines the alternative systems used by other major

countries and their relationships with the United States as well as economics topics. This course is designed to prepare students for the College Board Advanced Placement® Government and Politics exam and students are encouraged to take the exam.

**Advanced Placement (AP®) Human Geography**

SDE# 230062

1 term/1credit

Grade 9-12

Fee: \$20.00

The AP Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. This college-level advanced course follows the curriculum established by the College Board Advanced Placement (AP) Program for Human Geography. This course is open to 9<sup>th</sup> -12<sup>th</sup> grade students for elective credit.

**AP Human Geography or AP European History can take the place of one of the standard level US History courses (US History I, US History II) required for graduation if the student also earns a credit in AP US History. If the student earns a credit in AP Human Geography and/or AP European History but does not earn a credit in AP US History, then the student is required to earn credits in both US History I and US History II to earn a standard diploma.**

## STATE REQUIRED CAREER PREPAREDNESS COURSES

### **Career Preparedness**

SDE# 400025

1 term/1credit

Grades 9-12

The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience.

### **Career Preparedness - A**

SDE# 400026

0.5 term/0.5 credit

Grades 9-12

The course prepares students with knowledge and skills in the areas of career development and academic planning and computer skill application. This course is a prerequisite to Career Preparedness-B. The required 20-hour online experience can be met by successfully completing both Career Preparedness A and Career Preparedness B.

### **Career Preparedness - B**

SDE# 400027

Prerequisite: Career Preparedness - A

0.5 term/0.5 credit

Grades 9-12

The course prepares students with knowledge and skills in the areas of career development and academic planning and financial literacy. The prerequisite for this course is Career Preparedness-A. The required 20-hour online experience can be met by successful completion of both Career Preparedness A and Career Preparedness B.

## ON CAMPUS ELECTIVES

The following is a listing of courses that are typically offered on high school campuses throughout the school district. Some courses may not be offered at every school campus due to the distribution of personnel, existing facilities, and/or student demand.

### ARTS EDUCATION

The arts - dance, music, theatre, and visual arts—are among our most innate and essential elements of human nature. The arts not only shape and extend our ability to think, manipulate, and symbolize our world, but also produce high levels of productive thinking. Arts sharpen and extend a person's ability to express, understand, and absorb feelings and ideas essential in our rapidly growing society. The variety of Fine Arts offered by the high schools in Baldwin County will foster creativity across the curriculum.

### VISUAL ARTS

#### Elements of Arts Literacy

SDE#286009

.5 term/.5 credit  
Grades 9-12

This half credit course will provide instruction on the basic elements of art and principles of design of visual arts. Students will explore how to create and produce visual arts products, relating and connecting them to historical, current and personal events. Students will have an introduction to history of visual arts, and appropriate use of the visual arts medium.

#### Introduction to Visual Arts I

SDE#286100

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This one credit course, novice level, it is the first of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

#### Visual Arts II

SDE#286200

Prerequisite: Intro to Visual Arts or approval of the Instructor

1 term/1 credit  
Grades 9-12  
Fee \$20.00

This one credit course, intermediate level, it is the second of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth study of foundations in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

#### Visual Arts III

SDE#286300

Prerequisite: Visual Arts II or approval of the Instructor

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This one credit course, accomplished level, it is the third of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a comprehensive study in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary



media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

### **Visual Arts IV**

SDE# 286400

Prerequisite: Visual Arts III or approval of the Instructor

1 term/1 credit

Grades 9-12

Fee: \$20.00

This one credit course, advanced level, it is the fourth of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with an advanced study in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

### **Advanced Placement (AP®) Studio Art**

SDE# 280102

Prerequisite: Art II or teacher approval

1 term/1 credit

Grades 11-12

Fee: \$20.00

Art III or AP Studio Art will be offered when all Art I and Art II requests have been met. It is an advanced course which provides an intensive study designed for the student who plans an art-related career or elects to receive college credit based on the completion of the College Board requirements. Students select a concentration area and compile a portfolio of work for presentation. The portfolio may be general drawings. Students are required to keep a portfolio, sketch book, notebook, and a slide set of their work. Students are also expected to upload photos of artwork as part of the Studio Art AP exam in May.

### **Advanced Placement (AP®) Studio Art 2D**

SDE# 280103

Prerequisite: Art III or Art AP (Studio), teacher approval, and portfolio submission

1 term/1 credit

Grades 11-12

Fee: \$20.00

This course may be offered when all Art I, II, and III requests have been met. It may be offered as an independent study course, depending upon the level of study, expertise, and local school scheduling restrictions. This course is designed for juniors and seniors based on the needs and career goals of the student. Major concentration is guidance to complete the AP portfolio specific guidelines. Students are expected to upload photos of artwork as part of the Studio Art AP exam in May.

## **MEDIA ARTS**

### **Media Arts, Elements of Arts Literacy**

SDE#282009

.5 term/ .5 credit

Grades 9-12

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

### **Introduction to Media Arts I**

SDE#282100

1 term/1 credit

Grades 9-12

This is a one credit course, proficient level, introduction to the creative and conceptual aspects of designing media arts experiences and products, including techniques, genres and styles from various and combined mediums and forms, including moving image, sound, interactive, spatial and/or interactive design. Typical course topics include: aesthetic meaning, appreciation and analysis; composing, capturing, processing and programming of media arts products, experiences and communications; their transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

## DANCE

### Dance, Elements of Arts Literacy

SDE#281009

1 term/1 credit  
Grades 9-12

Students explore the art of dance through improvisation and exposure to master works and diverse cultural dance forms. They will use critical analysis and appropriate dance terminology to identify the elements of dance and determine the impact these elements have on the communication of ideas, style and meaning. Students will develop an understanding of dance as a performing art by creating and performing dance, and by demonstrating proper audience and performance etiquette, while viewing professional dance and/or performances by peers. Students will also explore how production technologies may impact dance performance, both live and recorded.

### Introduction to Dance I

SDE# 281100

1 term/1 credit  
Grades: 9-12

SDE# 281100aa

Fee: \$20.00  
0.5 term/0.5 credit  
Fee: \$10.00

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical dance skills through correct alignment, nutrition and injury prevention. They obtain an introductory ability to analyze movement for artistic intent, using a knowledge of dance and production elements, genres and style, cultural context and evaluative criteria.

### Introduction to Dance Ensemble

SDE#281110

1 term/1 credit  
Grades 9-12

This is a one credit course at the proficient dance level. The Dance Ensemble I is a performing company which develops professional approaches to rehearsals and performances, and is for students from a novice to proficient level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

### Dance II

SDE# 281200

Prerequisite: Intro to Dance or Approval of the Instructor

1 term/1 credit  
Grades: 9-12  
Fee: \$20.00

This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level as they explore and analyze choreographic devices through improvisation and solving movement problems. They develop strategies to document, gain feedback, review and revise choreography to obtain a specific artistic intent. Students develop kinesthetic awareness of the elements of dance and relationships to other dancers, and increase technical skills providing fluency of movement. In responding to dance, students use codified technique and genre specific terminology and are able to evaluate choreography that is related to content learned in other subjects.

### Dance Ensemble II

SDE#281210

Prerequisite: Intro to Dance Ensemble or Approval of the Instructor

1 term/ 1 credit  
Grades 9-12

This is a one credit course at the accomplished dance level. The Dance Ensemble II is a performing company which develops professional approaches to rehearsals and performances, and is for students from a proficient to an accomplished level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

### **Dance III -Advanced**

SDE# 281300

Prerequisite: Dance Level II or Approval of the Instructor

1 term/1 credit

Grades 9-12

Fee: \$20.00

This is a one credit course at the advanced dance level. Students progress to an advanced capacity for dance literacy that includes creating dance, performing dance, responding to dance and connecting dance with skills across the arts disciplines and other academic areas. Students create a portfolio and capstone project which will include all aspects of dance composition, dance production and dance critique, and illustrates a unique personal voice. The capstone project, influenced by research, will show evidence of excellence in leadership qualities and advanced performance, including production elements that clarify intent.

### **Dance Ensemble III**

SDE#281310

Prerequisite: Dance Ensemble II or approval of the Instructor

1 term/1 credit

Grades 9-12

This is a one credit course at the advanced dance level. The Dance Ensemble III is a performing company which develops professional approaches to rehearsals and performances, and is for students from an accomplished to an advanced level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

## **THEATRE**

### **Theatre, Elements of Arts Literacy**

SDE#285009

.5 term/.5 credit

Grades 9-12

This half credit course will explore arts literacy through theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, performing and assessment to understand how theatre communicates ideas and allows for self-expression. Students will explore how to create and perform informal and formal theatrical works, relating and connecting them to historical, current and personal events. Students will have an introduction to play structure and analysis. Students will be introduced to the technical elements of theatre production. Students will have an introduction to history of theatre, and appropriate etiquette for theatre.

### **Introduction to Theatre I**

SDE# 285100

1 term/1 credit

Grades 9-12

Fee: \$15.00

SDE# 285100aa

0.5 term/0.5 credit

Fee: \$7.50

SDE# 285100ab ACC Theatre I

This one credit course, proficient level, explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre.

### **Theatre II**

SDE# 285200

Prerequisite: Intro to Theatre I or approval of the instructor

1 term/1 credit

Grades 11-12

Fee: \$15.00

This one credit course, accomplished level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will use their acting to refine their theatre and technical technique. Students will study the history of theatre and perform solo, duo and group theatre works.

### **Theatre III**

SDE# 285300

Prerequisite: Theatre II or approval of the instructor

1 term/1 credit

Grades 11-12

Fee: \$15.00

This one credit course, advanced level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will further study the history of theater and technical theatre.

### **Theatre Elective III - Accomplished**

SDE# 285319

Prerequisite: Theatre III and teacher approval

1 term/1 credit

Grades 11-12

Fee: \$15.00

Theatre Elective III course developed locally at the high school Advanced level and submitted to ALSDE for approval. Once approved it may serve as ONE OF THE CTE AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION AREA OF STUDY courses for graduation.

### **Introduction to Technical Theatre Production**

SDE# 285102

1 term/1 credit

Grades 11-12

Fee: \$15.00

This one credit course, proficient level, explores beginning technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn beginning design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials.

### **Acting Technique (II)**

SDE# 285203

Prerequisite: Intro to Theatre I, Musical Theatre I or approval of the instructor

1 term/1 credit

Grades 9-12

This one credit course, accomplished level, focuses on specific acting techniques. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment through specific acting techniques. Self-expression and an understating of how methods of acting may be used to communicate artistic ideas. Students will study, write and/or perform scenes and monologues, use text analysis as well as character analysis to perform informal and formal productions.

### **Technical Theatre Production II**

SDE# 285202

Prerequisite: Intro to Technical Theatre or approval of the instructor

1 term/1 credit

Grades 9-12

This one credit course, accomplished level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials.

## INSTRUMENTAL MUSIC LEVEL I

### **Music, Elements of Arts Literacy**

SDE#283009

.5 term/.5 credit  
Grades 9-12

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.

### **Music Technology, Audio Technology I**

SDE# 284601

Prerequisite: Traditional and Emerging Ensemble (Instrumental or vocal) Course or Harmonizing Instrument Course at the Minimal Proficiency Level of Novice or Approval of the Instructor

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This one credit course, proficient level, designed for examination and exploration of audio technologies. Listening skills will be emphasized through audio editing, recording, and basic sound design for film/video.

### **Traditional and Emerging Ensembles: Intro to Concert Band I**

SDE# 283100

1 term/1 credit  
Grades 9-12  
Fee: \$30.00

This is a one credit course, novice level, designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

### **Traditional and Emerging Ensembles: Introduction to Marching Band I**

SDE# 283102

1 term/1 credit  
Grades 9-12  
Fee: 30.00

This is a one credit course, novice level, designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

### **Introduction to Marching Auxiliary Band (Color guard)**

SDE# 283102aa

1 term/ 1 Credit  
Grades 9-12  
Fee: \$30.00

The purpose of auxiliary band during marching season is to march at varsity football games, attend pep rallies, compete in marching contests, participate in local parades, and any other activity approved by the school administration and the band director. A required pre-school marching camp is held to teach students marching and musical fundamentals to prepare for half-time performance. Color Guard members are taught musical and visual performance skills, dance and movement fundamentals, stretching and endurance skills to enhance the visual representation of the music performed by the marching band for half-time and other required performances. If extra rehearsals are deemed necessary by the band director, attendance is required. This class meets every day with required after school rehearsals and performances.

### **Harmonizing Instruments: Introduction to Guitar I**

SDE# 284100

1 term/1 credit  
Grades 9-12  
Fee: \$25.00

This is a one credit course, novice level designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and

expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### **Harmonizing Instruments: Introduction to Piano I**

SDE# 284102

1 term/ 1credit  
Grades 9-12  
Fees: \$25.00

This is a one credit course, novice level designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### **Traditional and Emerging Ensembles: Intro to Percussion I**

SDE# 283112

1 term/1 credit  
Grades 9-12  
Fee: \$30.00

This is a one credit course, novice level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

### **Traditional and Emerging Ensembles: Intro to Jazz Ensemble I**

SDE# 283104

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This is a one credit course, novice level, designed for students to experience instrumental music in a jazz band or jazz ensemble setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

## **INSTRUMENTAL MUSIC LEVEL II**

### **Traditional and Emerging Ensembles: Concert Band II**

SDE# 283200

Prerequisite: Intro to Concert Band or approval of instructor

1 term/1 credit  
Grade 9  
Fee: \$30.00

This is a one credit course, intermediate level, designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

### **Traditional and Emerging Ensembles: Marching Band II**

SDE# 283202

Prerequisite: Intro. to Marching Band or approval of the instructor

1 term/1 credit  
Grades 9-12  
Fee: \$30.00

This is a one credit course, intermediate level, is designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

**Marching Auxiliary Band II (Color guard)**

SDE# 283202aa

Prerequisite: Marching Auxiliary Band I

1 term/ 1 Credit

Grades 9-12

Fee: \$30.00

The purpose of auxiliary band during marching season is to march at varsity football games, attend pep rallies, compete in marching contests, participate in local parades, and any other activity approved by the school administration and the band director. A required pre-school marching camp is held to teach students marching and musical fundamentals to prepare for half-time performance. Color Guard members are taught musical and visual performance skills, dance and movement fundamentals, stretching and endurance skills to enhance the visual representation of the music performed by the marching band for half-time and other required performances. If extra rehearsals are deemed necessary by the band director, attendance is required. This class meets every day with required after school rehearsals and performances.

**Harmonizing Instruments: Guitar II**

SDE# 284200

Prerequisite: Intro to Guitar I or approval of the instructor

1 term/1 credit

Grades 9-12

Fee: \$25.00

This is a one credit course, intermediate level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

**Harmonizing Instruments: Piano II**

SDE# 284202

Prerequisite: Intro. To Piano I or approval of the instructor

1 term/1 credit

Grades 10-12

Fees: \$25.00

This is a one credit course, intermediate level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

**Traditional and Emerging Ensembles: Percussion II**

SDE#283212

Perquisite: Introduction to percussion or approval of the Instructor

1 term/1 credit

Grades 9-12

Fee: \$30.00

This is a one credit course, intermediate level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

**INSTRUMENTAL MUSIC LEVEL III AND LEVEL IV****Traditional and Emerging Ensembles: Concert Band III**

SDE# 283300

Prerequisite: Concert Band II or approval of the instructor

1 term/1 credit

1 term/1 credit

Grades 9-12

Fee: \$30.00 each

This is a one credit course, proficient level, designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and

responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

### **Traditional and Emerging Ensembles: Marching Band III**

SDE# 283302

Prerequisite: Marching Band II or approval of the Instructor

1 term/ 1 Credit

Grade 9-12

Fee: \$30.00

This is a one credit course, proficient level, is designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

### **Marching Auxiliary Band III (Color guard)**

SDE# 283302aa

Prerequisite: Marching Auxiliary Band II

1 term/ 1 Credit

Grades 9-12

Fee: \$30.00

The purpose of auxiliary band during marching season is to march at varsity football games, attend pep rallies, compete in marching contests, participate in local parades, and any other activity approved by the school administration and the band director. A required pre-school marching camp is held to teach students marching and musical fundamentals to prepare for half-time performance. Color Guard members are taught musical and visual performance skills, dance and movement fundamentals, stretching and endurance skills to enhance the visual representation of the music performed by the marching band for half-time and other required performances. If extra rehearsals are deemed necessary by the band director, attendance is required. This class meets every day with required after school rehearsals and performances.

### **Traditional and Emerging Ensembles: Marching Band IV**

SDE# 283402

Prerequisite: Marching Band III or approval of the Instructor

1 term/ 1 Credit

Grades 9-12

Fee: \$30.00

This is a one credit course, accomplished level, is designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

### **Marching Auxiliary Band IV (Color guard)**

SDE# 283402aa

Prerequisite: Marching Auxiliary Band III

1 term/ 1 Credit

Grades 9-12

Fee: \$30.00

The purpose of auxiliary band during marching season is to march at varsity football games, attend pep rallies, compete in marching contests, participate in local parades, and any other activity approved by the school administration and the band director. A required pre-school marching camp is held to teach students marching and musical fundamentals to prepare for half-time performance. Color Guard members are taught musical and visual performance skills, dance and movement fundamentals, stretching and endurance skills to enhance the visual representation of the music performed by the marching band for half-time and other required performances. If extra rehearsals are deemed necessary by the band director, attendance is required. This class meets every day with required after school rehearsals and performances.

### **Harmonizing Instruments: Piano III**

SDE# 284302

Prerequisite: Piano II or approval of the instructor

1 term/1 credit

Grades 10-12

Fees: \$25.00

This is a one credit course, proficient level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody,



harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### **Harmonizing Instruments: Piano IV**

SDE# 284402

Prerequisite: Piano III or approval of the instructor

1 term/1 credit

Grades 9-12

Fees: \$25.00

This is a one credit course, accomplished level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### **Harmonizing Instruments: Guitar III**

SDE# 284300

Prerequisite: Guitar II or approval of the instructor

1 term/1 credit

Fees: \$25.00

This is a one credit course, proficient level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### **Harmonizing Instruments: Guitar IV**

SDE# 284400

Prerequisite: Guitar III or approval of the instructor

1 term/1 credit

Grades 9-12

Fees: 25.00

This is a one credit course, accomplished level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### **Traditional and Emerging Ensembles Percussion III**

SDE# 283312

Prerequisite: Percussion II or approval of the Instructor

1 term/ 1 credit

Grades 9-12

Fee: \$30.00

This is a one credit course, proficient level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

### **Traditional and Emerging Ensembles Percussion IV**

SDE# 283412

Prerequisite: Percussion III or approval of the Instructor

1 term/ 1 credit

Grades 9-12

Fee: \$30.00

This is a one credit course, accomplished level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

## Advanced Placement (AP®) Music Theory

SDE# 280024

Prerequisite: Symphonic Band or Director's Approval recommended

1 term/1 credit

Grades 10-12

Fee: \$20.00

Students in this class will work toward a deeper understanding of the various building blocks of music: melody, harmony, rhythm, meter, texture and form. Why do pieces based upon Western harmony (including most pop music, classical music, jazz and folk music) work the way that they do? Students will strive to answer this through development of their written skills (analysis, composition, and notation) and musicianship (listening skills, sight-singing and harmonization at the keyboard). This course may involve a technology component. The work in this class is equivalent to that of a first-year college course in music theory and culminates in the AP exam. Students enrolled in this course are encouraged to take the College Board Advanced Placement® Examination. **Note: This course may not be offered at every high school. This course cannot be used for fine art credit required for graduation.**

## VOCAL MUSIC

### Traditional and Emerging Ensembles: Introduction to Mixed Chorus I

SDE# 283600

1 term/1 credit

Grades 9-12

Fee: \$20.00

SDE#283600aa

0.5 term/0.5 credit

Fee: \$10.00

This is a one credit course, novice level, designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### Traditional and Emerging Ensembles: Mixed Chorus II

SDE# 283700

Prerequisite: Intro to Mixed Chorus I or approval of the instructor

1 term/1 credit

Grades 9-12

Fee: \$20.00

This is a one credit course, intermediate level, designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### Traditional and Emerging Ensembles: Mixed Choir III

SDE# 283800

Prerequisite: Mixed Chorus II or approval of the instructor

1 term/1 credit

Grades 9-12

Fee: \$20.00

This is a one credit course, proficient level, designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### Traditional and Emerging Ensembles: Introduction to Show Choir I

SDE# 283605

Prerequisite: Audition required

1 term/1 credit

Grades 10-12

Fee: \$20.00

This is a one credit course, novice level, designed for students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are

embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

### **Traditional and Emerging Ensembles: Introduction to Women's Chorus I**

SDE#283601

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This is a one credit course, novice level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

### **Traditional and Emerging Ensembles: Introduction to Men's Chorus I**

SDE#283602

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This is a one credit course, novice level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

## **WORLD LANGUAGES**

The global demands of the twenty-first century require that today's schools not only promote the learning of other languages, but also promote an understanding of the diverse cultures of the world. The language classroom creates a unique opportunity to equip students with the knowledge and skills to meet this challenge. The study of languages other than English, when combined with appropriate instruction, will enable students to become language literate, to develop their problem-solving and higher-order thinking skills, to broaden their world views, and to obtain a better understanding of their own and other cultures. In accordance with Alabama Senate Bill 94, signed into law by Governor Bob Riley August 2, 2005, American Sign Language is recognized as a language that meets the requirement for two years of study of a foreign language.

### **French I**

SDE# 270023ab

1 term/1 credit  
Grades 9-12  
Fee: \$7.50

Listening and speaking are emphasized at the beginning of this course, with writing and reading skills added as students progress. Basic vocabulary and grammatical principles are continually stressed. Controlled dialogues provide students with opportunities to communicate in the language. A study of family life, food, and other aspects of French culture is also an integral part of the course.

### **French II**

SDE# 270024aa  
Prerequisite: French I

1 term/1 credit  
Grades 9-12  
Fee: \$7.50

This course is a continuation of skills developed in the four language areas, with an increased emphasis on reading and writing. Conversation becomes the major focus in French II. Students will display increased ability to express themselves both orally and in writing. Content standards allow students to focus on gaining facility in handling more advanced elements of communication, broadening insights into other cultures as well as their own, and enhancing the connections they make with other disciplines, the community, and the world.

### **French III**

SDE# 270025aa  
Prerequisite: French II

1 term/1 credit  
Grades 9-12  
Fee: \$7.50

This course will be scheduled depending on a minimum enrollment of fifteen students for each class and local school scheduling restrictions. It is designed for students to continue developing communication competence and to build a deeper understanding of the culture. Students will display increased ability to express themselves both orally and in writing. Students are able to use basic language structures with an increased level of accuracy and recombine learned material to express their thoughts. They study more complex features of the language, progressing from concrete to abstract concepts.

### **French IV**

SDE# 270026  
Prerequisite: French III

1 term/1 credit  
Grades 10-12  
Fee: \$7.50

This course will be scheduled depending on a minimum enrollment of fifteen students for each class. For fewer than fifteen (15) students, independent studies may be scheduled depending upon level of student expertise and local school scheduling restrictions. Students are introduced to a wide variety of texts that employ a greater variety of language as well as cultural references and figures of speech. Students are able to understand materials presented on a variety of topics related to contemporary events and issues in the French culture.

### **Spanish I**

SDE# 270153ab  
SDE# 270153ac PIB

1 term/1 credit  
Grades 9-12  
Fee: \$7.50

This course is designed for students of all levels of ability. Basic pronunciation, vocabulary, grammar, and culture are emphasized throughout the course. Cultural aspects that reflect characteristics of day-to-day living, family, and home life are taught in the target language through music, cartoons, games, mini-dramas, audio-visuals, and dialogues illustrating relevant situations.

### **Spanish II**

SDE# 270154aa  
Prerequisite: Spanish I  
SDE# 270154ab PIB

1 term/1 credit  
Grades 9-12  
Fee: \$7.50

This course is a continuation of skills developed in the four language areas, with much emphasis on increasing fluency in speaking. Students will display increased ability to express themselves both orally and in writing. Content standards allow students to focus on gaining facility in handling more advanced elements of communication, broadening insights into other cultures as well as their own, and enhancing the connections they make with other disciplines, the community, and the world.

### **Spanish III**

SDE# 270155aa  
Prerequisite: Spanish II

1 term/1 credit  
Grades 9-12  
Fee: \$7.50

This course will be scheduled depending on a minimum enrollment of fifteen students per section and local school scheduling restrictions. It is designed for students to continue developing communication competence and to build a deeper understanding of the cultures of those who speak Spanish. Students will display increased ability to express themselves both orally and in writing. Students are able to use basic language structures with an increased level of accuracy and recombine learned material to express their thoughts. They study more complex features of the language, progressing from concrete to abstract concepts.

### **Spanish IV**

SDE# 270156aa  
Prerequisite: Spanish III

1 term/1 credit  
Grades 10-12  
Fee: \$7.50

This course will be scheduled depending on a minimum enrollment of fifteen students for each class. For fewer than fifteen (15) students, independent studies may be scheduled depending upon level of student expertise and local school scheduling restrictions. Students are introduced to a wide variety of texts that employ a greater

variety of language as well as cultural references and figures of speech. Students are able to understand materials presented on a variety of topics related to contemporary events and issues in the Spanish culture.

### **Spanish Translation and Interpretation**

SDE# 270164aa

Prerequisite: Spanish for Natives I & II

(Heritage Language Program) and/or teacher's discretion

1 term/1 credit

Grades 10-12

In this class students are introduced to translation (written) and interpreting (oral) and develop their skills through classroom practice. Students will build on their linguistic skills and showcase their talents while giving back to the community and exploring career opportunities using two languages and advanced language study. The course also provides additional approaches to languages acquisition and development.

### **Advanced Placement Spanish Language**

SDE# 270157ab

1 term/1 credit

Grades 11-12

Fee: \$20.00

College-level advanced language course following the curriculum established by the College Board Advanced Placement (AP) Program for Spanish; performance in listening, speaking, reading, and writing for a variety of situations with emphasis on vocabulary, structure, fluency, and accuracy; extensive writing of compositions

### **Spanish Seminar**

SDE# 270164ab

Prerequisite: Spanish IV

1 term/1 credit

Grades 10-12

Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Spanish-speaking cultures

## **HEALTH, SAFETY, PHYSICAL EDUCATION, AND DRIVER EDUCATION**

### **Health**

SDE# 250002aa

SDE# 250002 ACC Health

0.5 term/0.5 credit

Grade 10

This course is designed to provide students with the fundamental knowledge, concepts, and skills needed to monitor their health status through a program of wellness. Course content includes consumer and community health; environmental health, family and personal safety; mental and emotional health; nutrition, substance use and abuse; and the prevention and control of disease.

### **Driver's Education**

SDE# 290001

Prerequisite: Alabama Learner's Permit

0.5 term/0.5 credit

Grade 10

Fee: \$25.00

This course is designed to provide students with the fundamental knowledge, concepts, and skills needed to assist the student in developing safe and responsible driving habits on the water as well as on our roads. This course provides the student with behind-the-wheel driving experiences and requires a fee of \$25 to help cover vehicle costs.

### **PLEASE READ THE FOLLOWING NOTICE REGARDING DRIVER'S EDUCATION AS PUBLISHED BY THE STATE LEGISLATURE:**

"The Department of Public Safety shall deny a driver's license or a learner's license for the operation of a motor vehicle to any person under the age of 19 who does not, at the time of application, present a diploma or other certificate of graduation issued to the person from a secondary high school of this state, or any other state, or documentation that the person: (1) is enrolled and making satisfactory progress in a course leading to a general educational development certificate (GED) from a state approved institution or organization, or has obtained the certificate; (2) is enrolled in a secondary school of this state or any other state; (3) is participating in a job training program approved by the State Superintendent of Education; (4) is gainfully and substantially employed; (5) is a

parent with the care and custody of a minor or unborn child; (6) has a physician certify that the parents of the person depend on him or her as their sole course of transportation; or (7) is exempted from this requirement due to circumstances beyond his or her control as provided in this chapter.” Ala. Code #16-28-40 (1975)

### Safety

SDE# 290001aa

0.5 term/0.5 credit  
Grade 10

This course is designed to provide students with the fundamental knowledge, concepts, and skills needed to assist the student in developing safe and responsible driving habits on the water as well as on our roads. This course provides driver safety instruction without behind-the-wheel driving experience.

### Physical Education—Lifelong Individualized Fitness Education

SDE# 240002

1 term/1 credit

SDE# 240002aa ACC LIFE PE

ALSDE recommendation: Grade 9

The L.I.F.E. course, as described in the Alabama Course of Study for Physical Education, includes active, hands-on laboratory learning experiences with a focus on movement sequences, rules, strategies, personal and cultural behavior, physical activity, physiological functionality, and healthy lifestyle technologies. **The L.I.F.E. course satisfies the minimum PE requirements for all diploma types.**

### Physical Education—Athletics

Prerequisite: PE LIFE or approved athletic waiver and teacher approval

1 term/1 credit  
Grades 9-12

This course covers grade level specific techniques for the listed sport. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to play and participate in the listed activity. Level I denotes freshman level, II is sophomore, III is junior and IV is senior. **This course DOES NOT satisfy the minimum PE requirements for any diploma type.**

Fitness Conditioning	240014	Varsity Softball I	240045
Team Sports	240016	Varsity Softball II	240046
Varsity Baseball I	240017	Varsity Softball III	240047
Varsity Baseball II	240018	Varsity Softball IV	240048
Varsity Baseball III	240019	Varsity Swimming I	240049
Varsity Baseball IV	240020	Varsity Swimming II	240050
Varsity Basket Ball I	240021	Varsity Swimming III	240051
Varsity Basketball II	240022	Varsity Swimming IV	240052
Varsity Basketball III	240023	Varsity Tennis I	240053
Varsity Basketball IV	240024	Varsity Tennis II	240054
Varsity Cheerleading I	240025	Varsity Tennis III	240055
Varsity Cheerleading II	240026	Varsity Tennis IV	240056
Varsity Cheerleading III	240027	Varsity Track Field I	240057
Varsity Cheerleading IV	240028	Varsity Track Field II	240058
Varsity Cross Country I	240029	Varsity Track Field III	240059
Varsity Cross Country II	240030	Varsity Track Field IV	240060
Varsity Cross Country III	240031	Varsity Volleyball I	240061
Varsity Cross Country IV	240032	Varsity Volleyball II	240062
Varsity Football I	240033	Varsity Volleyball III	240063
Varsity Football II	240034	Varsity Volleyball IV	240064
Varsity Football III	240035	Varsity Wrestling I	240065
Varsity Football IV	240036	Varsity Wrestling II	240066
Varsity Golf I	240037	Varsity Wrestling III	240067
Varsity Golf II	240038	Varsity Wrestling IV	240068
Varsity Golf III	240039	Varsity Bowling I	240074
Varsity Golf IV	240040	Varsity Bowling II	240075
Varsity Soccer I	240041	Varsity Bowling III	240076
Varsity Soccer II	240042	Varsity Bowling IV	240077
Varsity Soccer III	240043	Varsity Casting, Angling, Fishing I	240078
Varsity Soccer IV	240044	Varsity Casting, Angling, Fishing II	240079
		Varsity Casting, Angling, Fishing III	240080
		Varsity Casting, Angling, Fishing IV	240081

## Sports Officiating Certification

SDE# 240011

1 term/ 1 credit

Grades 10-11

This course is an elective course that focuses on the professional philosophy, and professional requirements for officiating sports for athletic contests. This course will cover officiating football, basketball, wrestling, volleyball, soccer, baseball, track and field, and softball. Upon completion of the course students will be afforded the option to take certification exams for any of the sport components and become a restricted certified official with the Alabama High School Athletic Association at the middle/junior high school level. The prerequisite for this course is Lifelong Individualized Fitness Education (LIFE) or its equivalent. The student must be age 16 or older, or turn age 16 during the school year. The teacher of this course must hold current registration as an Alabama High School Athletic Association official (any sport).

## INDEPENDENT STUDIES

### Independent Study of World Languages

SDE# 802200be

SDE# 802200bf

1 term/1 credit

0.5 term/0.5 credit

Grades 9-12

This computer-based elective course is designed to deepen students' immersion into the language and culture of countries around the world. Using Rosetta Stone software, students will choose a language(s) of interest and work with a facilitator to develop an instructional unit of study that extends beyond the scope of the regular curriculum. The course will focus on language proficiency along with reflection and study of the thoughts, people, and culture of the selected country. This course will address the students' choices, needs, interests, and abilities while emphasizing the goals and objectives of Twenty-First Century Skills and the Alabama College and Career Ready Literacy Standards. **This elective credit does not satisfy foreign language requirements for graduation and/or college admission.**

### Computer-Based Independent Study

SDE# 802200bi

SDE# 802200bj

1 term/1 credit

0.5 term/0.5 credit

Grades 9-12

This computer-based elective course is designed to deepen students' immersion into selected content or talent areas. This unique learning opportunity will extend beyond the scope of the regular curriculum and provide the student with coursework that is not offered in the traditional face-to-face format. Each self-directed course will address the students' choices, needs, interests, and abilities. Goals and objectives will emphasize Twenty-First Century Skills and the Alabama College and Career Ready Literacy Standards.

### Independent Research

SDE# 802200

1 term/1 credit

Grades 9-12

Students will choose a subject area of interest, and with the help of the teacher, design a contract outlining the independent study to be undertaken. Goals, objectives, and activities will emphasize twenty-first century skills and accelerated content that extends beyond the scope of the regular curriculum. Products and/or portfolios will be produced to document learning.

## LANGUAGE ARTS ELECTIVES

Language arts literacy is the gateway to succeeding in the twenty-first century. The challenges of living in a diverse, global society require a strong foundation for lifelong learning. Electives in language arts offer students the opportunity to read, interpret, and comprehend a variety of texts; effectively communicate through writing and speaking; manage and apply information; and use critical thinking to gather new information and answer their own questions and those posed to them.

**Bible as/in Literature**

SDE # 200025

1 term/1 credit  
Grades 11-12

This class is a literature elective focusing on the Bible as a literary text. Students study the Bible **as** literature and the Bible **in** literature. A primary goal is basic biblical literacy, which includes a grasp of the language, ancient culture, major narratives, symbols, and characters of the Bible. This course also explores the influence of the Bible in classic and contemporary poems, plays, and novels, as well as the impact of the Bible on modern day cultures.

**Creative Writing**

SDE# 200033ac

1 term/1 credit  
Grades 11-12

This course includes written practice and critical responses to poetry, plays, long essays, and short stories. Students write spontaneously about a word or picture, a sound or touch, drawing from their imaginations. Students write on topics inspired by newspapers, magazines, television, events around them, and models by the masters, all of which lead to contemplation and discussion.

**Film and Literature**

SDE# 200036ac

1 term/1 Credit  
Grades 10-12

This course will examine the relationship between film and literature. Stories about the human experience transcend cultural boundaries and help us understand and make sense of the things that happen to us, to others, and in the world around us. It is from these stories that we learn acceptance, tolerance, and our universal bond as people. The medium through which these stories are told directly influences the way we approach and understand them. Film, as much as written works and works performed live on stage, is just as unique as a piece of art, and should be considered such in terms of analysis and critique. Selected novels, short stories, and plays will be analyzed in conjunction with the film versions of the same works in order to understand the complexity of translating a work into film. We will also analyze and evaluate films that are not adaptations of a written work, but still manage to achieve all of the aspects of literature.

**Journalism**

SDE# 200051

Prerequisite: Teacher approval

1 term/1 credit  
Grades 11-12

Newspaper journalism incorporates language arts and graphic skills with such practical skills as word processing, record keeping, and business management. The journalism class compiles, designs, and produces the school newspaper. Students are given instruction in the following: the freedom and responsibility of the press; interviewing; understanding and gathering news; writing news and feature stories; editorials and headlines; photojournalism; typography; and advertising sales and design. They write stories, do typesetting both with computers and headline machines, design and paste-up camera-ready layout for offset printing. Staff responsibilities include financing publication costs through the sale of advertisements and newspapers. Opportunities are provided to interact with and receive instruction from professional journalists and photographers as well as from college communications faculty. While the goal is production of a quality newspaper, the emphasis is on student responsibility and leadership.

**Media/TV I, II, and III**

SDE# 200035 MediaTV 1

SDE# 200035aa MediaTV 2

SDE# 200035ab MediaTV 3

Prerequisite: Media/TV I

Prerequisite: Media/TV II

1 term/1 credit

1 term/1 credit

1 term/1 credit

Grades 11-12

Fee: \$30.00 each

Listening, analyzing, and writing for television, newspapers, and film. Students will have a variety of real-world experiences writing and editing scripts, producing media pieces, and performing production and operations tasks.



**Oral Communication I**

SDE# 200041aa  
SDE#200041ad

1 term/1 credit  
.5 term/ .5 credit  
Grades 9-12

The major goal of this course is to build self-confidence by providing students an opportunity to learn and practice public speaking. Students prepare and deliver speeches designed to inform, entertain, and persuade. The course enables students to become active participants in group discussion, oral interpretation, and the interview process. Students develop confidence in personal communication skills. Non-verbal communication is also emphasized. Students also learn the process of evaluating self and peers.

**Oral Communication II**

SDE# 200041ab  
SDE# 200041ae  
Prerequisite: Oral Communication I

1 term/1 credit  
.5 term/.5 credit  
Grades 10-12

This class is designed to build upon those skills learned in Oral Communication I. Students participate in in-depth studies of various types of communications that affect individuals in their relationships with themselves and with others. Students continue to practice many types of public speaking; students apply techniques of discussion and learn the rudiments of debate and parliamentary procedure. Students study mass media and will continue the process of self and peer evaluation by critiquing class presentations.

**The Novel**

SDE# 200029

1 term/1 credit  
Grades 11-12

The study of the novel is designed for those who enjoy reading and participating in class discussions concerning book subject matter. The course focuses upon the development of the novel as a literary genre and on the historical/cultural context of each novel studied. Emphasis is placed on written expression in the areas of critical analysis, literary review, biographical sketches, character analysis, and similar literary critiques. Selections from world literature comprise the seven (7) required readings.

**Yearbook Production**

SDE# 802202ab Yearbook I  
SDE# 802202ac Yearbook II  
SDE# 802202ai Yearbook III  
SDE# 802202aj Yearbook IV  
Prerequisite: Teacher approval

1 term/1 credit  
Grades 9-12

Yearbook production is designed from a combination of graphic and language arts skills. This class assumes the responsibility of compiling and designing a yearbook, which provides a complete directory of the school population, a history of the school's events of the school population, and a history of the school's events during the course of a year. These responsibilities are accomplished by staff members who have received instruction in the areas of (1) theme selection, (2) basic layout design, (3) techniques in writing, (4) captions and headlines, (5) type-fitting, (6) assessing and selecting interesting photographs, (7) cropping pictures, and (8) preparing materials to be shipped to professional printers. Staff responsibilities include financing publications costs through the sale of advertisements and books. In accomplishing the ultimate goal of producing a quality yearbook, students who are part of the organization gain journalistic training and skills in photography, sales techniques, and organizing material.

**Peer Helpers**

SDE# 802107aa Peer Helpers I  
SDE#802107ab Peer Helpers II  
SDE# 802107ac Peer Helpers III  
SDE# 802107ae Peer Helpers IV

term  
Grades 9-12

Supervised tutoring services offered by students.

## MULTIMEDIA SCIENCE

The computer science courses offered by the high schools are designed to meet the educational needs of students who have a variety of goals. The multimedia science curriculum has been designed to ensure that upon successful completion of one or more of the courses, a student is prepared for entry level college multimedia.

### Emerging Technologies I

SDE# 260003ab

1 term/1 credit  
Grades 9-12

Through a combination of independent and collaborative research, students will investigate the suggested application of emerging technologies. They will also explore atypical uses for existing technologies. This class will include frequent, organized technology mentoring sessions in which students share the knowledge and skills they have gained in this course with community members such as elementary students, senior citizens, and civic groups.

### Emerging Technologies II

SDE# 260003ac

Prerequisite: Emerging Technologies I

1 term/1 credit  
Grades 9-12

Through a combination of independent and collaborative research, students will investigate the suggested application of emerging technologies and explore atypical uses for existing technologies. Students in this course will create digital job aides to assist others in utilizing existing and/or emerging technologies. This class will include frequent, organized technology mentoring sessions in which students share the knowledge and skills they have gained in this course with community members such as elementary students, senior citizens, and civic groups.

### Coding

SDE# 802200bn

1 term/1 credit  
Grades 9-12

Students will learn the fundamentals of code – writing and designing computer programs, games, and productivity apps.

### TA (Technology Assistant)

SDE# 802206ae

Prerequisite: Approval of teacher

1 term/1 credit  
Grades 10-12  
Fee: \$5.00

Students selected for this course will be required to perform duties necessary to the smooth operation of the computer classroom.

### TM (Technology Manager)

SDE# 802206ad

Prerequisite: Technology Assistant & teacher approval

1 term/1 credit  
Grades 10-12  
Fee: \$5.00

This course is available to select students who have successfully completed one term as a technology assistant. The student is responsible for the smooth operation of the computer classroom and basic computer maintenance during their assigned period of the day.

### TS I, TS II, TS III (Technology Specialist)

SDE# 802206ac TS I

SDE# 802206af TS II

SDE# 802206ag TSIII

Prerequisite: Technology Assistant & teacher approval

1 term/1 credit  
Grades 10-12  
Fee: \$5.00 each

These students (one per level per period -- maximum of 18 during the day) must have at least one term as a technology assistant, the approval of the teacher, and a special ability in the area of computer technology. These students will be responsible for specific programming tasks and/or special projects as directed during the term.

### **Library Science I**

SDE# 802206ah

Prerequisite: Teacher approval

1 term/1 credit  
Grades 11-12

Students in this program will become familiar with classification of books, card catalog, indexes, and various reference sources through assignment in the Library Manual. Their duties will include assistance in accessing and processing new books, shelving and mending books, filing periodicals, using a computerized cataloging system, and maintaining library records. These students will also assist other students and teachers with their needs.

### **Library Science II**

SDE# 802206ai

Prerequisites: Library Science I and teacher approval

1 term/1 credit  
Grade 12

Students in Library Science II will draw upon their experiences from the previous year to assist other students and teachers with their needs. They will complete reading and writing assignments from Library Manual II to become more knowledgeable in the various aspects of the operations of a library.

## **SOCIAL STUDIES ELECTIVES**

### **Comparative Religion**

SDE# 230091

1 term/1 credit  
Grades 9-12

An elective course in the history and comparison of major world religions.

### **Contemporary World Issues**

SDE# 230201

1 term/1 credit  
Grades 9-12  
Fee: \$10.00

SDE# 230201aa

0.5 term/0.5 credit  
Fee: \$5.00

Contemporary World Issues is an elective course designed to acquaint students with current events of local, state, national, and international interest and importance. Students study, from historical and geographical perspectives, key contemporary personalities, and current issues and events that impact their lives. Daily, weekly, and monthly news sources and periodicals serve as the primary references for this course. The content standards require students to investigate issues by looking beyond the media presentations. Necessary elements for this course include reading and comprehension of graphic materials and media text, the writing of expository pieces, and the use of technology.

### **Global Perspectives I**

SDE# 230212ah

1 term/1 credit  
Grades 9-12

Students will research issues and communicate with other students around the world while analyzing important issues from personal, national, and global perspectives. The students will use digital resources to complete projects and research papers as they examine particular aspects of cultures through a comparative framework. The National Curriculum Standards for Social Studies, the National Educational Technology Standards for Students, and the College and Career Ready Literacy Standards in History/Social Studies will be covered throughout the term.

Topics will include comparing belief systems, traditions, educational systems, conflict and peace, family systems, technology, urban vs. rural lifestyles, sports and recreation, and current issues.

### **Global Perspectives II**

SDE# 230212aj  
Prerequisite: Global Perspectives I

1 term/1 credit  
Grades 10-12

This second level course provides student with additional opportunities to explore the world's political, economic, social, environmental, and cultural systems and to research current global issues. Students will increase their knowledge regarding international relations by participating in individual and group projects, as well as debate simulations.

### **Global Perspectives III**

SDE# 230212ak  
Prerequisite: Global Perspectives II

1 term/1 credit  
Grades 11-12

This third level course offers students the opportunity to increase their knowledge of global issues from previous courses and to develop leadership skills as they become team leaders in group initiatives and debate simulations

### **Global Perspectives IV**

SDE# 230212al  
Prerequisite: Global Perspectives III

1 term/1 credit  
Grade 12

The fourth level course continues opportunities to complete advanced research in the area of global issues and to use communication, problem-solving, and decision making skills to lead others in group projects and debate simulations.

### **Law Academy I: Philosophy and Ethics**

SDE# 230212aa

1 term/1 credit  
Grades 9-10  
Fee: \$20.00

This entry-level course of Law Academy is designed for students with an interest in fields related to law. Students compare schools of philosophical and ethical thought to help in an understanding of their personal and Western Civilization's principles and world views. Students will learn to apply logical and critical thinking skills in the evaluation of ethical and philosophical issues, problems, and decisions on global and personal levels. In this study, students will be encouraged to aim for higher levels of justice, fair government, personal ethical, and personal moral standards through careful and reasoned decision making.

### **Law Academy II: Historical Examination of Legal Documents**

SDE# 230212ab

1 term/1 credit  
Grade 10  
Fee: \$20.00

This course is designed as an in-depth study of the development of the documents that form the basis for the society, government, and legal system of the United States. This course will amplify and enhance the students' understanding of their roles as citizens of the American republic. Students will learn to read and to think critically and to apply this knowledge and skill into written topics concerning the Constitution and the various major documents that have influenced American History. To fully appreciate these documents students will investigate the historical context in which these documents were written.

### **Law Academy III: Practical Law**

SDE# 230212ac

1 term/1 credit  
Grade 11  
Fee: \$20.00

Practical Law is a class that will investigate the American legal system and its operation. This course will allow students to develop an understanding of law, the legal system, and how it impacts their life.

### **Law Academy IV: Mock Trial Team**

SDE# 230212ad

1 term/1 credit  
Grade 12  
Fee: \$20.00

This course is designed to incorporate the three previous Law Academy courses into an interactive law process. The course will allow students a role in actual court proceeding. The course will culminate with a competition.

**Psychology**

SDE# 230071ab

1 term/1 credit  
Grades 11-12

Psychology is an elective course which acquaints students with psychological theories, principles, and practices associated with the five major domains of this field of study: methods, biopsychological, developmental, cognitive, and sociocultural. This course also includes a study of the history of psychological inquiry, methods of scientific research, and topics common to the field of psychology, such as human development, sensation and perception, motivation and emotion, states of consciousness, social psychology, cognition, intelligence and assessment, personality theories, stress, and a study of mental disorders and their treatments. As a general psychology elective, this course will benefit students as they learn how to understand themselves and others.

**Advanced Placement (AP®) Psychology**

SDE# 230072aa

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

The AP Psychology course is 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. They also learn about the ethics and methods psychologists use in their science and practice. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for psychology. This course does not fulfill any of the four (4) social studies credits required for graduation.

**Sociology**

SDE# 230081aa

1 term/1 credit  
Grades 11-12

Sociology is the study of human society that focuses on the formation and action of human groups. This course is a general study of sociology and includes topics such as culture and society, social inequality, social institutions, and social change. To be successful in this course, students should have a general knowledge of the world in which they live and an understanding of how individuals interact in various kinds of groups. Students will conduct research, complete in-depth projects, and participate in large- and small-group discussions. Using primary sources and technological resources are necessary tools for this class.

**Western Civilization**

SDE# 230212ag

1 term/1 credit  
Grades 11-12

Western Civilization is an elective course that offers a survey of social, intellectual, economic, and political developments, which have molded the modern western world. This course covers the ancient and medieval periods and continues to the present.

**World Geography**

SDE# 230061

SDE# 230061 aa

1 term/1 credit  
.5 term/.5 credit  
Grades 9-12  
Fee: \$20.00

World Geography is divided into two components: Physical and Human. Five essential geographic skills presented in the national geography standards are included in this course: asking geographic questions; acquiring geographic information; organizing geographic information; analyzing geographic information; answering geographic questions. Students who are knowledgeable about geography observe, understand, and appreciate the different relationships that exist among people, places, and environments throughout the world. As the world becomes more complex and interconnected, the need for geographic knowledge, skills, and perspective increases among all citizens worldwide.

## General Electives

**\*Some of these courses are offered online only**

### **\*Working in Multicultural Environments: Korean**

SDE#541000

Online Course Only

1 term/1 credit

Grades 9-12

This course will encourage appreciation of the similarities and differences between South Korea, Alabama, and the United States through an exploration of their geography, demography, culture, history, language, and workplace expectations. Students will identify the benefits and potential difficulties of working in diverse multicultural environments, develop interpersonal skills for multilingual Korean workplaces, and apply inferred knowledge to workplace scenarios. This course does not count as a foreign language.

### **Robotics I**

SDE# 802200by

1 term/1 credit

Grade 9-12

Fee: \$10.00

In Robotics I, students will participate in the engineering design process to design, construct, program, and test autonomous mobile robots. Throughout the course, students will apply mathematical and scientific concepts, leadership skills, and abstract thinking. Students will participate in project management, collaborative activities, and problem solving to complete a variety of robotic, programming, and engineering challenges.

### **Robotics II**

SDE# 802200bz

1 term/1 credit

Grade 9-12

Fee: \$10.00

In Robotics II, students will build on the skills attained in Robotics I to design, construct, program, and test more complex autonomous robots. More advanced levels of abstract thinking and mathematical and scientific skills and concepts will be applied during the engineering design process. Students will continue to develop leadership skills related to project management, collaboration, and problem solving as they complete a variety of robotic, programming, and engineering challenges.

# COLLEGE AND CAREER PREPARATION

## ACT/SAT Prep

SDE# Prep I 802200aj  
Prep II 802200bq  
Prep III 802200br  
Prep IV 802200bs

1 term/1 credit  
Grades 10-12

This course is designed to prepare students for success on the PSAT and/ACT/SAT. The course includes classroom lessons, skill reviews and exercises, and practice tests. Students will also receive instruction in preparing and submitting college applications, managing test anxiety, managing their time, and maximizing their performance on test day. **This course may not be offered at all schools.**

## ACT Preparation

SDE# 802200as

0.5 term/0.5 credit  
Grades 9-12

This course provides students an opportunity to review and extend their knowledge of math, science, and English for the purpose of preparing for the ACT. Students will practice reading and writing skills for the ACT. Students will become familiar with test taking strategies and participate in mock examinations.

## AP/IB English 11 Preparation

SDE# 200036aa  
Enrollment in AP/IB Eng. 11

0.5 term/0.5 credit  
Grade 11

This course provides students an opportunity to review and extend their knowledge of English 11 for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

## AP/IB English 12 Preparation

SDE# 200036ab  
Enrollment in AP/IB Eng. 12

0.5 term/0.5 credit  
Grade 12

This course provides students an opportunity to review and extend their knowledge of English 12 for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

## AP/IB History 11 Preparation

SDE# 200032  
Enrollment in AP/IB History II

0.5 term/0.5 credit  
Grade 11

This course provides students an opportunity to review and extend their knowledge of History 11 for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

## AP/IB History 12 Preparation

SDE# 200032aa  
Enrollment in AP/IB History 12

0.5 term/0.5 credit  
Grade 12

This course provides students an opportunity to review and extend their knowledge of History 12 for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

## AP/IB Life Sciences Preparation 1

SDE# 220045ab  
SDE# 220045aa  
Enrollment in AP/IB Life Sciences

0.5 term/0.5 credit  
1 term / 1 credit  
Grade 11-12

This course provides students an opportunity to review and extend their knowledge of life sciences for the purpose of preparing for the Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

**AP/IB Life Sciences Preparation 2**

Prerequisite: AP/IB Life Sciences Prep 1

SDE# 220045ad

SDE# 220045ac

Enrollment in AP/IB Life Science

0.5 term/0.5 credit

1 term / 1 credit

Grade 11-12

This course provides students an opportunity to review and extend their knowledge of life sciences for the purpose of preparing for the Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

**AP/IB Mathematics 11 Preparation**

SDE# 210032ac

SDE# 210032aa

Enrollment in AP/IB Mathematics 11

1 term/1 credit

0.5 term/0.5 credit

Grade 11

This course provides students an opportunity to review and extend their knowledge of Mathematics 11 for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

**AP/IB Mathematics 12 Preparation**

SDE# 210032ab

SDE# 210032ad

Enrollment in AP/IB Mathematics 12

0.5 term/0.5 credit

1 term / 1 credit

Grade 12

This course provides students an opportunity to review and extend their knowledge of Mathematics 12 for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

**AP/IB Physical Sciences Preparation 1**

SDE# 220068

SDE# 220068ac

Enrollment in AP/IB Physical Science

0.5 term/0.5 credit

1 term / 1 credit

Grade 11-12

This course provides students an opportunity to review and extend their knowledge of physical sciences for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

**AP/IB Physical Sciences Preparation 2**

SDE# 220068ab

SDE# 220068aa

Enrollment in AP/IB Physical Science

1 term/1 credit

0.5 term/0.5 credit

Grade 11-12

This course provides students an opportunity to review and extend their knowledge of physical sciences for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

**AP/IB Social Studies 11 Preparation**

SDE# 230212ae

Enrollment in AP/IB Social Studies 11

0.5 term/0.5 credit

Grade 11

This course provides students an opportunity to review and extend their knowledge of junior level social studies courses for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.

**AP/IB Social Studies 12 Preparation**

SDE# 230212af

Enrollment in AP/IB Social Studies 12

0.5 term/0.5 credit

Grade 12

This course provides students an opportunity to review and extend their knowledge of senior level social studies courses for the purpose of preparing for Advanced Placement and/or International Baccalaureate examination(s). Students will become familiar with test taking strategies and participate in mock examinations.



## College and Career Ready Senior Leadership Project

SDE# 802200bl  
SDE# 802200bt

0.5 term/0.5 credit  
1 term / 1 Credit  
Grade 12

Students will be required to create a portfolio highlighting postsecondary goals and the preparation that has been made to obtain these goals. Students will include college or technical school applications, a resume, expected expenses and a budget. In addition, students will research the career field in which they are interested, including job outlook, training needed, and expected working conditions. Students will be required to interview an individual currently working in the field as part of their portfolio. Students enrolled in the course will also complete a service-learning project either as a group or individual that benefits their school, a feeder school, or their community.

**The following courses are designed to assist students with content needed to pass state required exams.**

### Math Studies

SDE# 802200cc

1 term/1 credit  
Grades 9-12

This course is designed to provide identified students with additional instruction and support in areas of math.

### Science Studies

SDE# 802200ce

1 term/1 credit  
Grades 9-12

This course is designed to provide identified students with additional instruction and support in areas of science.

### English Studies

SDE# 802200cd

1 term/1 credit  
Grade 9-12

This course is designed to provide identified students with additional instruction and support in areas of English Language Arts.

### Social Science Studies

SDE# 802200cf

1 term/1 credit  
Grade 9-12

This course is designed to provide identified students with additional instruction and support in areas of social studies.

### Reading Studies

SDE# 802200ci  
SDE# 802200ck

1 term/1 credit  
0.5 term/0.5credit  
Grade 9-12

This course is designed to provide identified students with additional instruction and support in the areas of reading.

### Prep Peer Tutoring

SDE# 802207aa PeerTutor  
SDE# 802207ad PeerTutorMath  
SDE# 802207ab PeerTutorBiology  
SDE# 802207ac PeerTutorEng  
SDE# 802207af PeerTutorSocSt  
SDE# 802207ae PeerTutorReading  
Prerequisites: Counselor or teacher recommendation

1 term/1 credit  
Grades 11-12

Students enrolled in these courses will provide peer tutoring assistance to the Prep Assistance teachers and students. Prep peer tutors will be scheduled into the Prep Assistance class for one period and will be responsible for duties designated by the Prep Assistance teacher.

## CAREER TECHNICAL EDUCATION ELECTIVES

The following is a listing of courses that are offered on high school campuses throughout the school district. Some courses may not be offered at every school campus due to the distribution of human resources, existing facilities, and/or student demand. **Courses designated with two asterisks (\*\*)** are eligible for college credit with Alabama's Community Colleges or a specific Alabama Community College when students meet eligibility requirements. See Articulated Credit description on page 94.

### AGRICULTURE, FOOD AND NATURAL RESOURCES

In the Agriculture, Food and Natural Resources Cluster, students choose one of the four pathways – Power, Structural, and Technical Systems; Environmental and Natural Resources; Plant Systems or Veterinary Science. Instruction provides students with the essential knowledge, high-level skills, and training demanded for work in this cluster. Learning activities simulate types of work environments students may encounter, which include opportunities to gain knowledge and skills through coordinated workplace learning experiences such as on-site visits and work shadowing. The classroom laboratory for this cluster provides safe and appropriate setting for active, structured, stimulating student learning and assessment. This cluster emphasizes the Supervised Agricultural Experience (SAE) program and FFA activities that help students develop their potential for premier leadership, personal growth, and career success. Students have the opportunity to earn a Career Ready Certificate in one or more areas of certifications in: NCCER Core, Briggs & Stratton, Landscape Management Technical and Adult Beef Quality Assurance.

General Agri-Science	Power Mechanics	Environmental & Natural Resources Systems	Plant Systems	Animal Science
<ul style="list-style-type: none"> <li>• Fundamentals of Agriscience</li> <li>• Intermediate Agriscience</li> <li>• Advanced Agriscience</li> <li>• Applied Agricultural Mechanics</li> <li>• CTE Lab in Agriculture, Food &amp; Natural Resources</li> </ul>	<ul style="list-style-type: none"> <li>• Agriscience</li> <li>• Two- and Four-Stroke Engines</li> <li>• Residential and Commercial Power Equipment</li> <li>• CTE Lab in Agriculture, Food &amp; Natural Resources</li> </ul> <p><b><u>Agri-Construction</u></b></p> <ul style="list-style-type: none"> <li>• Intro to Metal Fabrication</li> <li>• Construction Framing</li> <li>• CTE Lab in Agriculture, Food &amp; Natural Resources</li> </ul>	<ul style="list-style-type: none"> <li>• Agriscience</li> <li>• Forestry</li> <li>• Fish and Wildlife Management</li> <li>• Environmental Management</li> <li>• CTE Lab in Agriculture, Food &amp; Natural Resources</li> </ul> <ul style="list-style-type: none"> <li>• Aquaculture</li> </ul>	<ul style="list-style-type: none"> <li>• Agriscience</li> <li>• Greenhouse Production and Management**</li> <li>• Sports Turfgrass Production and Management**</li> <li>• Landscape Design and Management**</li> <li>• Residential Landscape Establishment and Maintenance</li> <li>• Nursery Production and Management**</li> <li>• CTE Lab in Agriculture, Food &amp; Natural Resources</li> </ul>	<ul style="list-style-type: none"> <li>• Agriscience</li> <li>• Animal Science</li> <li>• Veterinary Science</li> <li>• Poultry Science</li> <li>• CTE Lab in Agriculture, Food &amp; Natural Resources</li> </ul>

#### **Agriscience**

SDE# 420009

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Agriscience is a course that provides students with a general overview of the Agriculture, Food and Natural Resources Cluster, which contains three pathways: Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; and Plant Systems. Students are involved in classroom and laboratory activities in each of the three 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.

#### **Aquaculture**

SDE# 420037

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed to introduce students to physical and biological concepts and skills in aquaculture. Emphasis is placed on integration of knowledge to solve problems and broaden depth of understanding about water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation.

\*Can be used to satisfy the fourth science requirement. Consideration should be given for college science requirement.

### **Fundamentals of Agriscience**

SDE# 420101

1 term/1 credit

Grades 9-12

Fees: \$20.00

Fundamentals of Agriscience is a course that 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. Fundamentals of Agriscience is a part of four courses that comprise the General Agriscience Program. This course should be offered in series along with Intermediate Agriscience, Advanced Agriscience, and Applied Agricultural Mechanics. It is strongly encouraged that Fundamentals of Agriscience be a required pre-requisite for the other courses in the program.

### **Intermediate Agriscience**

SDE# 420102

1 term/1 credit

Grades 9-12

Fees: \$20.00

Intermediate Agriscience is a course that 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. The curriculum will provide opportunities for credentials utilizing resources from the Alabama Green Industry Training Center and NCCER. Intermediate Agriscience is part of a four course sequence that comprises the General Agriscience Program. This course should be offered in series along with Fundamentals of Agriscience, Advanced Agriscience, and Applied Agricultural Mechanics. It is strongly encouraged that Fundamentals of Agriscience be required as a pre-requisite for this course. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

### **Advanced Agriscience**

SDE# 420103

1 term/1 credit

Grades 9-12

Fees: \$20.00

Advanced Agriscience is a course that provides students with an advanced 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 Advanced Agriscience is animal systems. The curriculum will provide opportunities for credentials utilizing resources from the Alabama Green Industry Training Center, NCCER, and various others. Advanced Agriscience is part of a four course sequence that comprises the General Agriscience Program. This course should be offered in series along with Fundamentals of Agriscience, Intermediate Agriscience, and Applied Agricultural Mechanics. It is strongly encouraged that Fundamentals of Agriscience be required as a pre-requisite for this course.

### **Applied Agricultural Mechanics**

SDE# 420104

1 term/1 credit

Grades 9-12

Fees: \$20.00

Applied Agricultural Mechanics is a course that provides students with an advanced 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 Applied Agricultural Mechanics is construction and power mechanics. Students should be allowed ample time in the laboratory to apply content in real world applications. The curriculum will provide opportunities for credentials utilizing resources from NCCER. Applied Agricultural Mechanics is part of a four course sequence that comprises the General Agriscience Program. This course should be offered in series along with Fundamentals of Agriscience, Intermediate Agriscience, and Advanced Agriscience. It is strongly encouraged that Fundamentals of Agriscience be required as a pre-requisite for this course.

### **Two- and Four-Stroke Engines**

SDE# 410001

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Two- and Four-Stroke Engines is a course designed to prepare students for entry-level employment or advanced training in the power mechanics field. Topics include career opportunities, safety, tools, and four-stroke cycle engines, two-stroke cycle engines, cooling systems, preventive maintenance, and engine overhaul, and exhaust systems.

### **Residential and Commercial Power Equipment**

SDE# 410022

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Residential and Commercial Power Equipment is a course designed to prepare students for entry-level employment or advanced training in the power mechanics field. Topics include career opportunities, safety, lawn and garden chassis, chain saw, string trimmer, tillers, generators, pumps, Environmental Protection Agency (EPA) pollution controls, electrical systems, and repairing electrical systems on power equipment.

### **Intro to Metal Fabrication**

SDE# 420012

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one credit course that provides students with opportunities to examine safety and technical information in metal fabrication and additional opportunities to participate in hands-on activities in the laboratory. Specific content standards to be included in each course are indicated in the Course of Study Chart.

### **Construction Framing**

SDE# 410007

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Construction Framing is a course designed to facilitate student understanding of the framing phase of a structure. Students become familiar with the framing components of a structure. Topics include career opportunities, safety, lumber, material estimation, floor systems, wall framing, ceiling framing, stair construction, roof framing, and roof materials in various structures.

### **Forestry**

SDE# 420020aa

1 term/1 credit  
Grades 9-12  
Fees: \$20.00

Forestry is a course designed to enable students to become knowledgeable of forestry and wood technology. Students acquire an appreciation for increased emphasis on managing and conserving forests for the future. Topics include career opportunities, safety, history, dendrology, tree measurement, mapping, silviculture, forest products, and forest protection.

### **Fish & Wildlife Management**

SDE# 420024

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Fish and Wildlife Management is a course that provides students with the opportunity to become knowledgeable about some of today's most valued, yet vulnerable, natural resources. Topics included in the course are career opportunities, outdoor safety, history, issues, classification, fish and wildlife ecology, fish and wildlife management, endangered species, fish and wildlife pest management, and outdoor recreation.

### **Environmental Management**

SDE# 420026

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Environmental Management is a course that provides students with the opportunity to develop an understanding of the principles and practices of environmental management. Topics include career opportunities, safety, importance of natural resources, waste management, water quality, soil science, air quality, pesticide management and use, ecology, and energy conservation.

### **Greenhouse Production and Management \*\***

SDE# 420054

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Greenhouse Production and Management is a course relating to the production of greenhouse crops. Topics include career opportunities, safety, plant propagation, growing media, plant identification, greenhouse production, pest control, business management, and equipment and facilities. The hands-on approach to learning is a key component in this course.

### **Sports Turfgrass Production and Management \*\***

SDE# 420056

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Sports Turfgrass Production and Management is a course that prepares students for sports turfgrass careers. Topics include career opportunities, safety, turfgrass growth, turfgrass management, sports fields, turfgrass tools and equipment, business management, and technology.

### **Landscape Design and Management \*\***

SDE# 420057

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

The landscape design and management sector of the horticulture industry is a growing area in agriscience. Landscapers influence our lives as well as the Earth's ecosystem. This course allows students to become more knowledgeable about and appreciative of landscape design and management. Topics include career opportunities, safety, landscape design, plant selection, landscape growth and the environment, landscape establishment and management, interior plantscaping and xeriscaping, landscape business management, and technology.

### **Residential Landscape Establishment and Maintenance \*\***

SDE# 420059

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that focuses on the residential landscape industry. Emphasis is placed on plant nutrition, pest management, plant identification, residential landscape design and maintenance, residential landscape business management, and technology.

### **Nursery Production and Management \*\***

SDE# 420055

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Nursery Production and Management is a course designed to introduce students to the production of nursery crops. Topics include career opportunities, safety, basic plant science, plant propagation, nursery growing media, plant identification, nursery production, nursery pest control, business management, and equipment and facilities.

**Animal Science**

SDE# 420030

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Animal Science is a course that provides instruction and opportunities to participate in activities related to animal science. Emphasis is placed on breed identification, nutrition, disease control, and reproduction. Specific content standards to be included in each course are indicated in the Course of Study chart.

**Equine Science**

SDE# 420034

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that enables students to gain knowledge in the areas of caring for and managing horses, anatomy and physiology, nutrition, health, and selection and conformation. Students also learn about tools, tack, and facilities necessary for the proper care of horses.

**Veterinary Science**

SDE# 410004

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed to prepare students for entry-level employment or advanced training in the veterinary assisting industry. Emphasis is placed on reproduction, genetics, hormones, growth disorders, animal anesthesiology, basic surgery procedures, health management, business management, and technology.

**Poultry Science**

SDE# 420033

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with instruction and opportunities to participate in hands-on activities in areas of safety, environmental issues, breeds of poultry, nutrition and disease prevention, consumer issues, biotechnological advancement, and management and marketing practices.

**CTE Lab in Agriculture, Food & Natural Resources**

SDE# 420078

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Agriculture, Food and Natural Resources through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

**BUSINESS MANAGEMENT AND ADMINISTRATION, FINANCE,  
INFORMATION TECHNOLOGY AND MARKETING**

The Business, Management, and Administration cluster prepares students with the fundamental knowledge and skills for careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Instruction is flexible and focuses on quality performance in the skill areas of organization, time management, customer service, and communication. In addition, students learn ways in which technology, globalization, and regulatory issues affect the day-to-day operation of businesses. Information is also provided regarding possible credentialing or certification. Future Business Leaders of America-Phi Beta Lambda (FBLA-PBL), the Association for Marketing Students (DECA), and SkillsUSA are co curricular components of this cluster. These student organizations enhance classroom instruction, develop leadership skills, and provide opportunities for professional growth and service.

Students participating in these career clusters have the opportunity to earn a Career Ready Benchmark one or more areas: Microsoft Office Specialist (pass two areas of): Access, Excel, Word, PowerPoint, ASK Entrepreneur, IC3, Test Out Pro, Adobe Certified Associate; Photoshop, Illustrator or InDesign.

Business Management & Administration	Information Technology	Marketing
<ul style="list-style-type: none"> <li>• Career Preparedness</li> <li>• Business Technology Applications</li> <li>• Business Technology Applications- Advanced</li> <li>• Business Essentials</li> <li>• Law &amp; Society</li> <li>• Management Principles</li> <li>• Multimedia Design</li> <li>• Multimedia Publications</li> <li>• Senior Career Pathway Project BMA</li> <li>• CTE Lab in Business Management &amp; Administration</li> </ul>	<ul style="list-style-type: none"> <li>• Career Preparedness</li> <li>• Information Technology Fundamentals</li> <li>• Computer Management &amp; Support</li> <li>• Information Technology, Support, &amp; Service</li> <li>• Senior Career Pathway Project Information Technology</li> <li>• CTE Lab in Information &amp; Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Career Preparedness</li> <li>• Business Technology Applications</li> <li>• Business Essentials</li> <li>• Sales and Promotion Planning</li> <li>• Marketing Principles</li> <li>• Management Principles</li> <li>• Commerce Communication</li> <li>• Entrepreneurship</li> <li>• Internet Marketing</li> <li>• Sports &amp; Entertainment Marketing Fundamentals</li> <li>• Buying &amp; Merchandising</li> <li>• Integrated Marketing Communications and Branding</li> <li>• Advanced Sports and Entertainment Marketing</li> <li>• Senior Career Pathway Project Marketing</li> <li>• CTE Lab in Marketing</li> </ul>

**\*Career Preparedness description is located in the State Required Preparedness Section.**

**Business Technology Applications\*\***

SDE# 450006aa

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

SDE# 450001aa

0.5 term/0.5 credit  
Fee: \$10.00

Business Technology Applications is a 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 applications of knowledge and skills.

**Business Technology Applications—Advanced\*\***

SDE# 450031

The prerequisite: Business Technology Applications

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Business Technology Applications—Advanced is a 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.

**Business Essentials**

SDE# 450007

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Business Essentials is a 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 their impact on business and industry; 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.

**Law in Society**

SDE# 410023

1 term/1 credit

Grades 9-12

Fee: \$20.00

SDE# 450011

0.5 term/0.5 credit

Fee: \$10.00

Law in Society is a course designed to acquaint students with the basic legal principles common to business and personal activities. This course is an overview of criminal, civil, contract, and consumer law. Topics include evaluating contracts, purchasing appropriate insurance, interpreting state and federal criminal law, and representing other businesses as employee or contractor.

**Management Principles**

SDE# 480011

1 term/1 credit

Grades 9-12

Fee: \$20.00

SDE# 480012

0.5 term/ 0.5 credit

Fee: \$10.00

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. Specific content standards to be included in each of the courses are indicated in the Course of Study chart.

**Multimedia Design**

SDE# 410016

1 term/1 credit

Grades 9-12

Fee: \$20.00

Multimedia Design is a course 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.

**Multimedia Publications**

SDE# 410017

1 term/1 credit

Grades 9-12

Fee: \$20.00

Multimedia Publications provides students with the opportunity to utilize digital equipment and multimedia digital imaging software to produce interactive projects and develop publication layouts. Students will use various hardware peripherals as well as the internet for integrating publication skills into projects.

**Senior Career Pathway (BMA)**

SDE# 450032

1 term/1 credit

Grades 9-12

Fee: \$20.00

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

**CTE Lab in Business Management & Administration**

SDE# 450033

1 term/1 credit

Grades 9-12

Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Business Management & Administration through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.



**Information Technology Fundamentals \*\***

SDE# 520005

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Information Technology Fundamentals is a course designed to provide students the basic understanding in software and hardware installation, troubleshooting/maintenance, career opportunities and network basics.

**Computer Management and Support**

SDE# 410019

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Computer Management and Support is a course that provides students' knowledge with operating systems, computer hardware, network architecture, and career opportunities as they relate to various computer operating system platforms.

**Information Technology Support and Service**

SDE# 410018

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Information Technology Support and Service is a course designed to provide students with the principles of customer service, troubleshooting, system design and upgrading, ethics, career opportunities and computer basics.

**Senior Career Pathway Project Information Technology**

SDE# 410037

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

**CTE Lab in Information Technology**

SDE# 450049

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Information Technology through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

**Sales and Promotion Planning**

SDE# 550021

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Sales and Promotion Planning is a course that provides the tools necessary for the development, implementation, and management of promotional programs. The focus of this course is on utilizing promotional knowledge and skills for communicating information to achieve a desired outcome.

**Marketing Principles**

SDE# 550011

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Marketing Principles is a course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling. Students

examine the need for sales and marketing strategies. Students practice customer relationship skills, ethics, technology applications, and communicating in the workplace.

### **Commerce Communication**

SDE# 410027

1 term/.5 credit  
Grades 9-12  
Fee: \$10.00

A one-half credit course that deals with the operation and management of advertising and promotion functions in marketing. The prerequisite for this course is Business Essentials or Business Technology Applications. Specific content standards to be included in each course are indicated in the Course of Study chart.

### **Entrepreneurship \*\***

SDE# 400017

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Entrepreneurship is a course designed to provide students with the 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. Instructional strategies may include the development of a business plan, a school-based enterprise, computer and technology applications, real and simulated occupational experiences, or projects related to business ownership.

### **Internet Marketing**

SDE# 550012

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Internet Marketing is a one-credit course which focuses on applying tools, strategies and processes to communicate digitally with targeted customers. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, mobile marketing, search-engine optimization, video/images and podcasts/webcasts. Students will apply project management techniques to guide and control digital communications efforts. They will also create and repurpose content for use in digital environments. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

### **Sports and Entertainment Marketing Fundamentals**

SDE# 550013

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Sports and Entertainment Marketing is a one-credit specialized course designed to offer students an opportunity to gain knowledge and develop skills, related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Entertainment marketing includes events such as fairs, concerts, trade shows, festivals, plays, product launches, and causes. Students will develop skills in the areas of merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry.

### **Buying and Merchandising**

SDE# 550014

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Buying and Merchandising is a one-credit course which focuses on the development of decision-making skills necessary to determine what to buy, when to buy, how much to buy, and from whom to buy products for resale. Students will develop a product mix and apply display and visual merchandising techniques. Students will also implement sales support activities, process sales, track products, and plan merchandise flow. Student will establish and grow positive customer relationships. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

### **Integrated Marketing Communications and Branding**

SDE# 550015

1 term/1 credit  
Grades 9-12

Fee: \$20.00

Integrated Marketing Communications and Branding is a one-credit course where students create, execute, and evaluate promotional strategies and content for advertising, sales promotion, and publicity/public relations. Students apply project management techniques to guide and control promotional campaign development and execution. They also incorporate motivation theories, branding techniques and design principles in communications with targeted audiences. They will plan and implement procedures to use marketing communications that mitigate image or brand-damaging issues. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

### **Marketing Research**

SDE# 550016

1 term/.5 credit  
Grades 9-12  
Fee: \$10.00

Marketing Research is a one-half credit course designed to provide students with the skills necessary to conduct qualitative and quantitative marketing research using primary and secondary data. They will gather, synthesize, evaluate, and disseminate marketing information for use in business decision-making or to address a specific marketing problem or issue. Students will apply project management techniques to guide and control marketing-research activities. They will use statistical techniques to evaluate marketing data. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

### **Senior Career Pathway Project Marketing**

SDE# 550022

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

### **CTE Lab in Marketing**

SDE# 550025

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Marketing through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

## **Government & Public Administration**

Both the Air Force Junior Reserve Officers Training Corps (AFJROTC) and the Navy Junior Reserve Officers Training Corps (NJROTC) are year-long leadership development programs designed to build citizens of character who are dedicated to serving their nation and community. These programs promote and develop the spirit of teamwork as well as learning and the application of life skills. JROTC is a regular class, a club with many extra-curricular activities, and a team involved in numerous competitions all rolled into one. The cadets are the team members and the instructors serve as their coaches, mentors, and advisors. JROTC is a progressive educational and training program with associated curricula and activities that span all four years of high school (9<sup>th</sup> through 12<sup>th</sup> grades). The JROTC Cadet Corps is run by the cadets, and is therefore a team activity that allows cadets to learn how to follow and then to lead. Cadets are assessed not only on their JROTC academics performance, but also on their service, participation, and conduct both in and out of uniform. The JROTC uniform must be worn once per week requiring cadets to have paid the \$15 uniform rental fee at the beginning of each term so that the uniform may be issued to them. Cadets must also maintain proper personal grooming standards (haircut & hairstyle) in order to be permitted to wear the uniform. JROTC is more than a 90-minute class each day. Much of the community service required of cadets takes place after school, on weekends, and even during the summer. Parental/guardian support of the cadets' commitment to the team may require providing transportation to these activities. Parent/guardian signatures on commitment documents are required to confirm their understanding and support of their child's participation in the program. This program is open to everyone, but is not for everybody as some students are just not mature enough to handle the discipline and responsibility required to be successful.

**AFJROTC Courses are designed to be offered for students to take two courses each year that spans all four years of high school experience. One-credit courses may be allowed to substitute for PE credit.**

**Government & Public Administration  
(JROTC) Airforce and Navy**

<b>Air Force JROTC BCHS, DHS/SFHS, FOHS offer AFJROTC</b>	<b>Navy JROTC RHS &amp; GSHS Offer NJROTC</b>
480001 Leadership and Aviation History *	480061 Naval Science I (NSI): Introduction to the US Navy
480002 Leadership and Science of Flight *	480062 Naval Science II (NSII): Maritime History, Leadership, & Nautical Sciences
480021 Leadership I ½ credit	480063 Naval Science III (NSIII): Naval Knowledge and Skills
480022 Leadership II ½ credit	480064 Naval Science IV (NSIV): Advanced Leadership
480023 Leadership III ½ credit	480066 Navy Science 1b
480024 Leadership IV ½ credit	480067 Navy Science 2b
480025 Aviation History ½ credit	480068 Navy Science 3b
480026 Science of Flight ½ credit	480069 Navy Science 4b
480027 Global and Cultural Studies ½ credit	480070 JROTC Leadership Application ½ credit
480035 Unlocking Your Potential ½ credit	480071 Geography-Maps and Regions ½ credit
480040 Cadet Guide/Handbook ½ credit	480072 Success for Life ½ credit
480086 Exploration of Space	480075 Citizenship and the Constitution ½ credit
480029 Leadership and Exploration of Space	480076 Senior Career Pathway Project-Government & Public Administration
480030 Leadership and Management of the Cadet Corps and Financial Education	480419 CTE Lab in Government & Public Admin.
480031 Leadership and Cultural Studies*	
480032 Leadership and Survival *	
480033 Honors and Ground School *	
480076 Senior Career Pathway Project-Government and Public Administration	
480419 CTE Lab in Government & Public Admin.	

**AFJROTC Leadership and Aviation History**

SDE# 480001

Satisfies PE Requirement

1 term/1 credit

Grades 9-12

Fee: \$20.00 each

A one-credit course which focuses on the development of flight throughout the centuries from ancient civilization to modern day. The course is also focuses on learning the value of elements of good citizenship and Air Force organizational structure, including uniform wear, military traditions, fitness, and individual self-control.

**AFJROTC Leadership and Science of Flight**

SDE# 480002

Satisfies PE Requirement

1 term/1 credit

Grades 9-12

Fee: \$20.00 each

A one-credit course designed to acquaint students with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. Students learn basic navigation including map reading, course plotting, and the effects of wind. Students will also apply basic communication, decision-making, personal-interactions, managerial, and organizational skills.

**AFJROTC Leadership I (one-half credit)**

SDE# 480021

0.5 term/0.5 credit

Grades 9-12

Fee: \$10.00

A one-half credit course designed to introduce cadets to the Air Force Junior Reserve Officer Training Corps program. The curriculum focuses on elements of good citizenship and Air Force organizational structure including uniform wear, military traditions, fitness, and individual self-control.

**AFJROTC Leadership II (one-half credit)**

SDE# 480022

0.5 term/0.5 credit

Grades 9-12

Fee: \$10.00

A one-half credit course designed to assist students in communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches compliment the academic materials.

**AFJROTC Leadership III (one-half credit)**  
SDE# 480023

0.5 term/0.5 credit  
Grades 9-12  
Fee: \$10.00

A one-half credit course designed to provide students with an understanding of job searches and interviewing skills; college admissions; financial planning; and legal issues. Emphasis is also placed on citizenship responsibilities.

**AFJROTC Leadership IV (one-half credit)**  
SDE# 480024

0.5term/0.5credit  
Grades 9-12  
Fee: \$10.00

A one-half credit course designed to provide students with hands-on experiences involving planning, organizing, coordinating, directing, controlling, decision-making, and managerial skills.

**AFJROTC Aviation History (one-half credit)**  
SDE# 480025

0.5 term/0.5 credit  
Grades 9-12  
Fee: \$10.00

A one-half credit course which focuses on the development of flight throughout the centuries from ancient civilization to modern day. Emphasis is placed on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and astronomical and space exploration history.

**AFJROTC Science of Flight (one-half credit)**  
SDE# 480026

0.5 term/0.5 credit  
Grades 9-12  
Fee: \$10.00

A one-half credit course designed to acquaint students with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. Students learn basic navigation including map reading, course plotting, and the effects of wind.

**AFJROTC Global and Cultural Studies (one-half credit)**  
SDE# 480027

0.5 term/0.5 credit  
Grades 9-12  
Fee: \$10.00

A one-half credit course that introduces students to various regions of the world from a geographic, historical, and cultural perspective.

**AFJROTC Unlocking Your Potential (one-half credit)**  
SDE# 480035

0.5 term/0.5 credit  
Grades 11-12  
Fee: \$10.00

A one-half credit course that guides young people through a process that develops winning habit patterns and offers a "tool Kit" they will carry with them for the rest of their lives. Participants learn about the ingredients that make up a person's potential, how great achievers become successful, and how their techniques and systems can be applied.

**AFJROTC Cadet Guide Handbook (one-half credit)**  
SDE# 480040

0.5 term/0.5 credit  
Grades 9-12  
Fee: \$10.00

This course provides unit operating instruction on uniform wear, personal appearance and classroom procedures, and saluting. It also provides information on cadet promotions, and operational and functional areas of logistics, personnel, support, and public affairs.

**AFJOTC Exploration of Space**  
SDE# 480086

0.5/0.5 credit  
Grades 10-12  
Fee \$10.00

A one-half credit course designed to provide students with an advanced study of space exploration; issues that are critical to travel in the upper atmosphere, including unmanned satellites, trajectories, space probes, and guidance and control systems; and major milestones.

### **Military Science**

#### **Leadership and Exploration of Space**

SDE# 480029

Satisfies PE Requirement

1 term/1 credit

Grades 9-12

Fee: \$20.00 each

A one-credit course that provides opportunities for students to manage the entire cadet corps. This hands-on experience affords the cadets the opportunity to plan, organize, coordinate, direct, and control corps operations. Students will also practice communication, decision-making, personal-interactional, managerial, and organizational skills.

### **Leadership and Management of the Cadet Corps and Financial Education**

SDE# 480030

Satisfies PE Requirement

1 term/1 credit

Grades 9-12

Fee \$20.00

A one credit course that provides opportunities for students to manage the entire cadet corps. This hands-on experience affords the cadets the opportunity to plan, organize, coordinate, direct, and control corps operations. Students will practice communication, decision making, personal interactional, managerial, and organizational skills.

### **Leadership and Cultural Studies**

SDE# 480031

Satisfies PE Requirement

1 term/1 credit

Grades 9-12

Fee: \$20.00 each

A one-credit course designed to provide students with an increased international awareness and insight into foreign affairs; an understanding of European, Middle Eastern, South and East Asian, African, and Latin American cultures; and an enhanced knowledge of America's interest and role in the world. Students apply prior leadership theory through hands-on practices and experiences.

### **Leadership and Survival**

SDE# 480032

Satisfies PE Requirement

1 term/1 credit

Grades 10-12

Fee \$20.00

A one credit course designed to provide students with training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks.

### **Honors Ground School**

SDE# 480033

Satisfies PE Requirement

1 term/1 credit

Grades 10-12

Fee \$20.00

A one credit course that provides the foundation for students interested in receiving a private pilot's license. Upon successful completion of this course, students should be prepared to take and pass the Federal Aviation Administration (FAA) written examination.

### **CTE Lab in Government & Public Administration**

SDE #480419

1 term/ 1 credit

Grades 9-12

Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Government & Public Administration through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepared for industry credentialing opportunities.

### **Naval Junior ROTC**

#### **NJROTC Naval Science I: Intro to US Navy**

SDE# 480061

1 term/1credit

Grades 9-11

Fee: \$20.00 each

A one-credit course that provides an introduction to NJROTC, career planning, leadership skills, citizenship and American Government, US Navy ships and aircrafts, wellness and first aid, survival skills, and geography. Students are also introduced to the basic principles of leadership.

**NJROTC Naval Science II: Maritime History, Leadership & Nautical Studies** 1 term/1 credit  
SDE# 480062 Grades 10-12  
Fee: \$20.00

A one-credit course designed to provide instruction in maritime history, leadership, maritime geography, oceanography, meteorology, astronomy, and physical science. The cadets will illustrate an understanding of people governments, military, and geopolitics.

**NJROTC Naval Science III: Naval Knowledge & Skills** 1 term/1 credit  
SDE# 480063 Grades 10-12  
Fee: \$20.00

A one-credit course to assist students in developing competencies in sea power and national security, military and international law, ship construction and organization, basic seamanship, maritime navigation, and naval weapons and aircraft.

**NJROTC Naval Science IV: Advanced Leadership** 1 term/1 credit  
SDE# 480064 Grade 12  
Fee: \$20.00

A one-credit course that provides opportunities for practical applications in leadership, case studies, citizenship, personal responsibilities, operational risk management, long- and short-range planning, and community involvement and interaction.

**Navy Science 1-b** 1 term/1 credit  
SDE #480066 Grades 9-12  
Fee: \$20.00

This course is designed to develop knowledge of naval ships and their mission, ship construction and damage control and firefighting. Maritime Geography is introduced. Health/Wellness including drug awareness, CPR, physical fitness and basic military drill are continued.

**Navy Science 2-b** 1 term/1 credit  
SDE #480067 Grades 9-12  
Fee: \$20.00

This course is designed to develop an understanding of navigation fundamentals, naval communication, intelligence and national security. First aid and health education, physical fitness and military drill are provided.

**Navy Science 3-b** 1 term/1 credit  
SDE #480068 Grades 9-12  
Fee: \$20.00

This course provides naval history from WWII to Desert Storm, naval operations, meteorology and the principal of electricity. Ongoing physical fitness and military drill training is provided.

**Navy Science 4-b** 1 term/1 credit  
SDE #480069 Grades 9-12  
Fee: \$20.00

This course continues advance leadership and ethics training. Students are required to demonstrate the ability to direct large groups, provide one-on-one instruction, present briefing and exhibit problem solving/decision making techniques.

**JROTC Leadership Application** 0.5 term/0.5 credit  
SDE #480070 Grades 9-12  
Fee: \$10.00

This course provides students the opportunity to become proficient in the practical application of basic and advanced military skill through the development of individual leadership abilities, confidence, self-esteem,

discipline, and teamwork. Content includes execution of military drill and ceremonies, physical training and leadership lab applications. Course is designed to give flexibility to cadets needing to take a required ½ credit course in another area of study and wanting to remain active in JROTC.

**Geography-Maps and Regions, JROTC**  
SDE #480071

0.5 term/0.5 credit  
Grades 9-12  
Fee: \$10.00

This course is designed to build map reading and land navigation skill. It also develops global awareness as cadets compare physical, political, economic and cultural elements of continents, region and countries and examine the global nature of environmental issues.

**Success for Life-JROTC**  
SDE #480072

0.5 term/0.5 credit  
Grades 9-12  
Fee: \$10.00

This course is designed to provide for students a wide range of skill and habits that are life enhancing and important to success in any field of endeavor. Subjects included: Writing with a focus on business, technical and resume writing; Financial Management with a focus money management, credit budgeting taxes, home ownership and mortgages; Continuing Educational Opportunities and Healthy Lifestyle with focus on lifelong physical well-being and personal appearance/presentation.

**Citizen and the Constitution**  
SDE #480075

0.5 term/0.5 credit  
Grades 9-12  
Fee: \$10.00

This course is designed to provide the student an appreciation for the citizen's role in our democratic society. The US Constitution, its history and development and citizen's rights and responsibilities are studied.

**Senior Career Pathway Project JROTC**  
SDE#480076

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

**CTE Lab in Government & Public Administration**  
SDE #480419

1 term/ 1 credit  
Grades 9-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Government & Public Administration through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepared for industry credentialing opportunities.

**HEALTH SCIENCE**

**Health Science: Foley High, Gulf Shores High**  
**Sports Medicine: Baldwin County, Foley & Spanish Fort High Schools**

The Health Science cluster provides students with essential knowledge and skills for pursuing a career in health care. The required foundation course, Foundations of Health Science, is offered to all 9<sup>th</sup> through 12<sup>th</sup> grade students. This course, a prerequisite to all pathway courses, provides essential health care knowledge and skills and promotes the application of science and technology. Students who choose to enter the Health Science field set specific academic goals for meeting the expectations of business and industry. Participation in Health Occupations Students of America (HOSA) helps students achieve these goals while enhancing the development of leadership skills. Students have an opportunity to earn a Career Ready Indicator.

Health Sciences Diagnostics Services	Health Sciences Sports Medicine (BCHS, FOHS & SFHS)
490007 Foundations of Health Science	490028 Sports Medicine Fundamentals



490015 Human Body Structures and Functions 490023 Therapeutic Services 490033 Medical Terminology 490013 Health Science Internship 1 490014 Health Science Internship 2 490049 CTE Lab in Health Science	490025 Sports Medicine Intermediate 490026 Sports Medicine Advanced 490049 CTE Lab in Health Science
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**Foundations of Health Science \*\***  
SDE# 490007

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Foundations of Health Science is a required course that 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 the prerequisite for all the health science courses. It is recommended for all students who want to prepare for further study in an array of health-related fields at the postsecondary level.

**Human Body Structures and Functions**  
SDE# 490015

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Human Body Structures and Functions is a course designed to help students develop a basic knowledge of the normal structure and function of the human body. The 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.

**Therapeutic Services**  
SDE# 490023

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Therapeutic Services is a 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 therapist, surgical technologist, respiratory therapist, emergency medical technician, and others.

**Medical Terminology**  
SDE# 490033

1 term/1 Credit  
Grades 9-12  
Fee: \$20.00

Medical Terminology is a one-credit course that 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 of medicine to the health care student by incorporating medical terminology with anatomy and physiology and the disease process. This method has been proven to be a logical and effective method of learning the language of medicine.

**Health Science Internship I**  
SDE # 490013  
Prerequisite: Foundations of Health Science

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Health Science Internship is a course designed for students in Grades 11 or 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. Theory and laboratory components comprise at least ten percent of the Health Science Internship course.

**Health Science Internship II**  
SDE # 490014  
Prerequisite: Foundations of Health Science

1 term/2 credits  
Grades 11-12  
Fee: \$20.00

Health Science Internship is a two-credit course designed for students in Grades 11 or 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. Theory and laboratory components comprise at least ten percent of the Health Science Internship course.

**Sports Medicine Fundamentals**  
SDE# 490028

1 term/1 Credit  
Grades 9-12  
Fee: \$20.00

Sports Medicine Fundamentals is a one credit course that will provide an overview of the field of sports medicine as well as expose students to fundamental skills. The importance of legal and ethical concerns will be emphasized. Students will learn about career opportunities, medical terminology, safety, assessment and emergency preparedness in sports medicine. Career and Technical Student Organizations (CTSO) are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**Sports Medicine Intermediate**  
SDE# 490025

1 term/1 Credit  
Grades 9-12  
Fee: \$20.00

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. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**Sports Medicine Advanced**  
SDE# 490026

1 term/1 Credit  
Grades 9-12  
Fee: \$20.00

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 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. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**CTE Lab in Health Science**  
SDE# 490049

1 term/1 Credit  
Grades 9-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Health Science through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

**HOSPITALITY AND TOURISM**  
**(Offered at Daphne, Gulf Shores and Foley High Schools)**

The Hospitality and Tourism classrooms and laboratories provide safe and innovative settings for student exploration and assessment. These settings provide structured and stimulating environments designed to meet students' emerging needs. Students choosing a pathway in the Hospitality and Tourism cluster obtain knowledge about the hospitality and tourism industries from challenging curricula, acquire technological expertise required in the field, and participate in daily tasks that utilize the skills mandatory for hospitality and tourism professionals. Students choosing to enter one of the

pathways should be able to comprehend course materials and complete laboratory work, projects, and assignments related to the Hospitality and Tourism cluster.

An integral part of the instructional program within the cluster is Family, Career, and Community Leaders of America (FCCLA), the student organization for all pathways within the cluster. FCCLA members learn leadership skills, develop critical-thinking skills, and gain career preparation skills through participation in state and national programs such as community service and competitive Students Taking Action with Recognition (STAR) events. Students in this cluster have an opportunity to obtain a ServSafe Certification.

Restaurant Food & Beverage Services	Recreation, Travel, & Tourism
500011 Hospitality & Tourism 500012 Culinary Arts I 500013 Culinary Arts II 510013 Chemistry of Food 510016 Food Innovations and Media 500040 Senior Career Pathway Project 500041 CTE Lab Hospitality & Tourism	500011 Hospitality & Tourism 500021 Travel & Tourism I 500022 Travel & Tourism II 500040 Senior Career Pathway Project 500041 CTE Lab Hospitality & Tourism

**Hospitality and Tourism \*\***

SDE# 500011

1 term/1 credit  
 Grades 9-12  
 Fee: \$35.00

The Hospitality and Tourism course is 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, restaurants and food and beverage services, safety and sanitation, customer relations, and quality services. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.

**Culinary Arts I \*\***

SDE# 500012

The prerequisite: Hospitality and Tourism

1 term/1 credit  
 Grades 10-12  
 Fee: \$35.00

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. Skills in mathematics, science, and communication are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.

**Culinary Arts II \*\***

SDE# 500013

The prerequisite: Culinary I

1 term/1 credit  
 Grades 10-12  
 Fee: \$35.00

Culinary II provides advanced experiences in food production, management, and service. Topics include food service operations, advanced food production, and professionalism. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area.

**Chemistry of Food**

SDE# 510013

1 term/1 credit  
 Grades 9-12  
 Fee: \$20.00

Chemistry of Food is a course that provides an in-depth study of the application of science principles to scientific investigation of the production, processing, preparation, evaluation, and utilization of food. The course utilizes the scientific method to study scientific concepts and theories in the context of nutrition and foods. Students are expected to achieve academic standards and competencies from chemistry, biochemistry, biology, and some physics at the analysis, synthesis, and evaluation levels in this specialized area of study. Students develop

critical reasoning and mathematical and writing skills through a variety of higher-level learning strategies and laboratory experiments that require measuring, recording, graphing, and analyzing data; predicting and evaluating laboratory results; and writing laboratory reports. The course highlights nutrition concepts and explores the various relationships between food science and nutrition.

### **Food Innovations and Media**

SDE# 510016

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This is a one-credit course designed for students to learn how to express their creativity through foods. This course promotes critical thinking and decision making and develops food preparation, and communication and technology skills. Concepts such as the differences between images for marketing/advertising/public relations and consumer use; the differences between food for print and motion, e.g., web, video, TV; elements of styling: hyper-realism versus real-life; elements of photography: lighting, depth of field, angles; using and applying social media and digital design techniques; journalism skills; and trends in the food industry are included in the course. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

### **Senior Career Pathway Project Hospitality & Tourism**

SDE# 500040

Prerequisite: 2 or more CTE courses

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

### **CTE Lab in Hospitality & Tourism**

SDE# 500040

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Hospitality & Tourism through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

### **Travel and Tourism I**

SDE# 500021

Prerequisite: Hospitality and Tourism

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Travel and Tourism I is a course focused on the development, research, packaging, promotion, and delivery of a traveler's experiences that may include creating guide books, planning trips and events, managing a customer's travel plans, or overseeing a convention center.

### **Travel and Tourism II**

SDE# 500022

Prerequisite: Travel and Tourism I

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Travel and Tourism II is a course designed to provide knowledge and skill in understanding economics, marketing operations, admission to events, safety and security precautions, and local and regional markets.

## **HUMAN SERVICES**

Students interested in this cluster should be able to comprehend course materials and complete laboratory work, projects, and assignments related to the Human Services cluster. Students obtain knowledge about family studies and consumer services from challenging curricula, acquire technological expertise required in the field, and participate in daily

tasks and skills mandatory for human service professionals. The Human Services cluster classroom and required laboratories provide safe and innovative settings for student exploration and mastery of required course content.

An integral part of the instructional program within the cluster is Family, Career, and Community Leaders of America (FCCLA), the student organization for all pathways in the cluster. Members learn leadership skills, develop critical-thinking skills, and gain career preparation skills through participation in state and national programs such as community service and competitive events.

Food Wellness, and Dietetics	Human Services	Fashion	Interior Design/Real Estate/Insurance	Education & Training (FOHS)
510004 Family and Consumer Sciences 510008 Entrepreneurship in FACS 510011 Food & Nutrition 510013 Chemistry of Food 510014 Dietetics 500015 Event Planning 510016 Food Innovations & Media 510017 Sports Nutrition 510069 Senior Career Pathway Project FACS 510074 CTE Lab in Human Services	510004 Family and Consumer Sciences 510008 Entrepreneurship in FACS 510033 Family Studies & Community Services I 510034 Family Studies & Community Services II 510035 Counseling and Mental Health 400021 Personal Finance 510069 Senior Career Pathway Project FACS 510074 CTE Lab in Human Services	410015 Fashion Merchandising 510008 Entrepreneurship in FACS 510004 Family and Consumer Sciences 500015 Event Planning 510041 Fashion 510044 Fashion Design 510045 Fashion Media 510069 Senior Career Pathway Project FACS 510074 CTE Lab in Human Services	51004 Family and Consumer Sciences 510008 Entrepreneurship in FACS 500015 Event Planning 510031 Life Connections 510051 Housing 510053 Interior Design I 510054 Interior Design II 510057 Introduction to Real Estate 510069 Senior Career Pathway Project FACS 510074 CTE Lab in Human Services	460009 Education and Training  460011 Teaching I 460012 Teaching II  460015 Education and Training Internship  510069 Senior Career Pathway Project FACS  510074 CTE Lab in Human Services

**Family and Consumer Sciences**

SDE# 510004

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Family and Consumer Science is a course that is designed to assist students in recognizing the importance of the family. Course content provides opportunities for students to explore characteristics of strong families; family customs and traditions; healthy relationships; marriage readiness; parenting issues; consumer behavior; clothing, housing, and food needs throughout the lifespan. Assessing the effects of technology and career options related to family and consumer sciences and human services.

**Entrepreneurship in FACS**

SDE# 510008

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This is a one-credit course taught in grades 10-12 that includes the necessary knowledge and skills to own and operate a business. It is the intent of this course that entrepreneurial concepts be incorporated within the framework of Family and consumer sciences-related free enterprise experiences within the Human Services Cluster career pathways, Hospitality and Tourism Cluster career pathways, and the Education and Training Cluster career pathways. It is anticipated that the business concepts should be introduced and integrated throughout the free enterprise experience to maximize student interests and impact. The course content focuses on business and financial planning, personnel management, marketing principles, business and labor laws, legal rights and responsibilities of ownership and communication. Other topics to be taught are market research, purchasing process system, distribution systems, warehouse and inventory control, salesmanship, sales are prepared to create and manage their own Family and Consumer Sciences business or embark on a career related to business development.

**Food and Nutrition**

SDE# 510011

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Topics include the impact of daily nutrition and wellness practices on long-term health and wellness; physical, social, and psychological aspects of healthy nutrition and wellness choices; selection and preparation of nutritious meals and snacks based on USDA Dietary Guidelines, including the Food Guide Pyramid; safety, sanitation, storage, and recycling processes and issues associated with nutrition and wellness; impacts of science and technology on nutrition and wellness issues; and nutrition and wellness career paths.

**Chemistry of Food**

SDE# 510013

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Chemistry of Food is a course that provides an in-depth study of the application of science principles to scientific investigation of the production, processing, preparation, evaluation, and utilization of food. The course utilizes the scientific method to study scientific concepts and theories in the context of nutrition and foods. Students are expected to achieve academic standards and competencies from chemistry, biochemistry, biology, and some physics at the analysis, synthesis, and evaluation levels in this specialized area of study. Students develop critical reasoning and mathematical and writing skills through a variety of higher-level learning strategies and laboratory experiments that require measuring, recording, graphing, and analyzing data; predicting and evaluating laboratory results; and writing laboratory reports. The course highlights nutrition concepts and explores the various relationships between food science and nutrition.

**Dietetics**

SDE# 510014

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Dietetics is a course that provides students with advanced knowledge and skills used in nutrition and dietetics. Major topics include nutrition, meal planning, safety, food science, and professional behavior.

**Event Planning**

SDE# 500015

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This is a one-credit course taught in grades 9-12. Students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients include planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of events. Students demonstrate leadership characteristics and make decisions based on integrating knowledge of financial, human resources, promotion, and event management principals. Students are prepared for various career opportunities in event planning.

**Food Innovations and Media**

SDE# 510016

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This is a one-credit course designed for students to learn how to express their creativity through foods. This course promotes critical thinking and decision making and develops food preparation, and communication and technology skills. Concepts such as the differences between images for marketing/advertising/public relations and consumer use; the differences between food for print and motion, e.g., web, video, TV; elements of styling: hyper-realism versus real-life; elements of photography: lighting, depth of field, angles; using and applying social media and digital design techniques; journalism skills; and trends in the food industry are included in the course.

**Sports Nutrition**

SDE# 510017

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course examines the relationship between nutrition, physical performance, and overall wellness. Students will learn how to choose nutritious foods for healthy lifestyles and peak performance. Health and disease prevention through nutrition, physical activity, and wellness practices are essential components of the course. This course emphasizes the metabolic process and management of food choices for optimal health and physical performance. Students are challenged to develop personal fitness and nutrition plans.

**Personal Finance**

SDE# 400021

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

SDE# 400022aa

0.5 term/0.5 credit  
Fee: \$10.00

The Personal Finance course introduces students to the management of personal and family resources to achieve personal goals and financial literacy. Course content provides opportunities for students to explore consumer behavior, laws and legislation, consumer protection, consumer rights and responsibilities, consumer decision making, advertising and promotional techniques, individual and family money management, banking services, use of credit, income tax, technology, and careers in providing financial services to individuals and families.

**Family Studies and Community Services I**

SDE# 510033

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Family Studies and Community Services I is a course for students interested in acquiring skills for providing service to families and are prepared for a variety of careers related to family and human services. Content standards guide students in discovering how to work with family and human services clients. Course content includes the role and function of individuals engaged in family and human services; career options; educational training; agencies, organizations, and resources; laws and trends in the field; disadvantaging conditions of individuals and families; client's rights, responsibilities, and support services; basic life skills; workplace professionalism; professional associations; confidential record keeping; workplace safety; communication skills; developmental needs of clients; health and wellness management plans; older adults; intergenerational living; services for older adults; crisis intervention and management; coping strategies and stress management; advocacy; abuse and neglect; and technology.

**Family Studies and Community Services II**

SDE# 510034

Prerequisite: Family Studies and Community Services I

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Family Studies and Community Services II is a course that includes content that helps students learn ways to determine client needs through the use of assessments and to provide intervention services. The physical, social, emotional, and intellectual stages of clients from infancy to older adults are addressed throughout the course. Additional topics include licensure requirements; age-appropriate activities; curriculum development; hobbies and recreational activities; transitions and life changes of clients; the aging process; assisted living facilities; technology; resources, agencies, and services for clients; disadvantaging conditions; assessments; making informed choices; crisis intervention; and abuse and neglect.

**Parenting**

SDE# 510023

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

SDE# 510024

0.5 term/0.5 credit  
Fee: \$10.00

The Parenting course allows students to focus on parenting roles and responsibilities. Course content provides opportunities for students to explore family structures and stages of the family life cycle; roles and responsibilities of parents across the life span; factors influencing the decision to become a parent; preparation for parenthood; birth defects; challenges of teen pregnancy and parenthood; signs and changes in pregnancy; prenatal development, labor, and delivery; stages of child development; children with exceptionalities; meeting physical, health, and safety needs of children and adolescents; positive parent-child relations; guidance and discipline of children and adolescents; sources of parenting information, support, and assistance; technology impacting parenting; and career opportunities related to parenting.

**Counseling and Mental Health**

SDE #510035

1 term/1 credit

Grades 10-12

Fee: \$20.00

This is a one-credit course designed to orientate students who are interested in working in counseling and mental health services. Careers in this field provide assistance to people with personal, family, educational, and mental health problems and need guidance in making career decisions. The content in the course includes the history of counseling, career investigation, stress management, mental illness, communication skills, client legal rights and ethical procedures, personal and client safety, and the counseling process. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**Family Wellness**

SDE# 410012

0.5 term/0.5 credit

Grades 9-12

Fee: \$10.00

Family Wellness is a course is designed for students interested in health issues that impact individuals, families, and communities. Course content provides opportunities for students to explore family health throughout the stages of the life span. Topics include personal and family health goals; health promotion; health risks; communication skills needed in healthy relationships; consumerism; advocacy; mental and emotional health; relationship between nutrition and health; emergency care, first-aid, and home safety; disease prevention; chronic health issues; substance abuse; technology used in health services; and careers related to individual and family health and wellness.

**Fashion Merchandising**

SDE# 410015

1 term/1 credit

Grades 9-12

Fee: \$20.00

Fashion Merchandising is a course for students who are interested in the fashion and retail industry. Course content provides opportunities for students to explore factors related to the retail industry, examine structure and organization of fashion business operations, study merchandising techniques, utilize technology in fashion merchandising, and explore career options in the apparel and textiles industry.

**Fashion**

SDE# 510041

1 term/1 credit

Grades 9-12

Fee: \$20.00

SDE# 510042

0.5 term/0.5 credit

Fee: \$10.00

The Fashion course introduces students to the selection and care of clothing and accessories for individuals and families. Course content provides opportunities for students to explore factors that influence apparel choice, apparel history, current fashion trends, proper care and maintenance of apparel, laws and legislation regarding the apparel industry, apparel design, apparel repair and construction, wardrobe planning, technology in the apparel and textiles industry, and career options in the apparel and textile industries.

**Fashion Design**

SDE# 510044

1 term/1 credit

Grades 9-12

Fee: \$20.00



Fashion Design is a course for students interested in fashion, fashion design, and apparel and textile design technology. Course content provides opportunities for students to explore historic costumes, research current fashion styles and trends, analyze fibers and textiles, design clothing and accessories, utilize technology in fashion design, and explore career options in the apparel and textiles industry.

**Fashion Media**  
SDE #510045

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This is a one-credit course designed for students interested in fashion, fashion design, and apparel and textile design technology. Content provides opportunities for students to analyze consumer, culture and celebrity effects; research current and future trends; explore the fashion press and print process and E-commerce for fashion; engage in public relations and events management; and utilize and apply social media and digital design techniques, photographic styling applications, and journalism skills. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**Interior Design I**  
SDE# 510053

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Interior Design I is a course that introduces students to the historical aspects and contemporary trends in housing and interior design. Course content provides opportunities for students to explore elements and principles of design; blueprinting; space planning by creating functional, safe, and aesthetic spaces for individuals and families across the life span; furniture style; furniture and accessory selection; technology; and careers in the field of Interior Design.

**Interior Design II**  
SDE# 510054  
Prerequisite: Interior Design I

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Interior Design II is a course that introduces students to the business practices and procedures of the interior design business. Course content provides opportunities for students to explore design project development, business planning and operations, interior design techniques by applying drawing skills and elements and principles of design, technology, and careers in the field of Interior Design.

**Introduction to Property & Real Estate Management**  
SDE# 510057

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course examines the relationship between nutrition, physical performance, and overall wellness. Students will learn how to choose nutritious foods for healthy lifestyles and peak performance. Health and disease prevention through nutrition, physical activity, and wellness practices are essential components of the course. This course emphasizes the metabolic process and management of food choices for optimal health and physical performance. Students are challenged to develop personal fitness and nutrition plans. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**Education and Training \*\***  
SDE# 460009

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course is the prerequisite for all pathways included in the Education and Training cluster. The course is designed for students who are interested in pursuing careers in education. Course content includes the organizational structure of education, careers, the role of the teacher, characteristics of effective teachers, communication skills, the teaching and learning processes, learning styles, research, characteristics of positive classroom environments, human growth and development, curriculum development, student characteristics,

teaching techniques, learning activities, educational initiatives, technology, and careers. Observational experiences are a required component of this course. Family, Career and Community Leaders of America (FCCLA), an integral part of the curriculum, provides opportunities to apply instructional competencies and workplace readiness skills, enhances leadership development skills, and provides opportunities for community service.

### **Teaching I**

SDE# 460011

Prerequisite: Education and Training

1 term/1 credit

Grades 10-12

Fee: \$20.00

The course includes content that helps students implement the teaching and learning processes. Major topics included in this course are funding sources, budget preparations, legal aspects, research, teaching and learning theories, curriculum development, positive learning environments, creative teaching techniques, appropriate learning activities, instructional resources, community resources and services, scope and sequence charts, course outlines, lesson plans, testing, grading, developing partnerships, technology, and careers. School-based laboratory experiences are essential for students to develop skills in teaching. Observational experiences are a required component of this course. Family, Career and Community Leaders of America (FCCLA), an integral part of the curriculum, provides opportunities to apply instructional competencies and workplace readiness skills, enhances leadership development skills, and provides opportunities for community service.

### **Teaching II**

SDE# 460012

Prerequisite: Teaching I

1 term/1 credit

Grades 10-12

Fee: \$20.00

This course provides students with advanced knowledge and skills used in the education field. The concepts of legal aspects of education, instructional resources, motivation, types of assessments, constructing texts, positive learning environments, lesson planning and teaching for various areas and grades, reading level of instructional materials, classroom management strategies, partnerships, public relations, professional associations, technology, and careers are included in the course. Observational experiences are a required component of this course. Family, Career and Community Leaders of America (FCCLA), an integral part of the curriculum, provides opportunities to apply instructional competencies and workplace readiness skills, enhances leadership development skills, and provides opportunities for community service.

### **Education and Training Internship**

SDE# 460015

1 term/1 credit

Grades 10-12

Fee: \$20.00

Education and Training Internship is a course. Students who have completed Teaching II, Early Childhood Education II, Professional Support Services in Education, or Educational Leadership courses are eligible to enroll in Education and Training Internship. The internship course is for students who are interested in pursuing careers in the education field. The internship allows students to spend time in a classroom or school setting on a regular basis. In this experience, students are assigned to a teacher within the school system who teaches the subject-matter area of interest to the student intern; a staff member in the appropriate professional support services area; or a principal or vice-principal. This course provides students with a context in which they can make a personal assessment of their commitment to pursue a teaching, professional support services, or educational leadership career. The school-based laboratory for the internship is an actual classroom or school that provides instruction in the subject-matter area or career area related to the student's interest.

### **Senior Career Pathway Project FACS**

SDE# 510069

Prerequisite: 2 or more CTE courses

1 term/1 credit

Grades 10-12

Fee: \$20.00

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, explore that area in-depth, and demonstrate problem-solving, decision-making and independent learning skills. The SCPP contributes to an educational plan of challenging courses and practical experiences that prepare 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 course may be eligible for Dual Enrollment College Credit when applied with specific Career Technical Pathway programs.

**CTE Lab in Human Services**  
SDE# 510074

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Human Services through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

**SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)**  
Fairhope, Foley, Gulf Shores and Spanish Fort High

The Science, Technology, Engineering, and Mathematics cluster includes one pathway: Engineering and Technology. The high school engineering courses provide students with the opportunity to gain experience with general engineering design and application as they acquire discipline-specific knowledge that allows them to make informed career choices.

Students in the cluster affiliate with the Technology Student Association (TSA) and SkillsUSA as the co-curricular Career and Technical Student Organizations (CTSOs). TSA and SkillsUSA provide opportunities that enhance classroom instruction, help develop leadership skills, and further career development.

The courses listed below should be taken in the following sequence.

<b>Engineering and Technology Fairhope &amp; Spanish Fort</b>	<b>PLTW Foley &amp; Gulf Shores</b>
560011 Foundations of Engineering	560015 Introduction to Engineering Design-PLTW
560012 Engineering Applications	560016 Principles of Engineering-PLTW
560013 Engineering Systems	560021 Computer Integrated Manufacturing-PLTW
560014 Engineering Research and Design	

**Foundations of Engineering**  
SDE# 560011

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Foundations of Engineering is a course designed to offer an overview of the engineering profession and fundamental skills utilized in general engineering. Students investigate various engineering disciplines and related career paths. They develop communication and teamwork skills as well as increase their understanding of basic scientific and mathematical principles used in problem solving through the engineering design process.

**Engineering Applications**  
SDE# 560012

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Engineering Applications is a course designed to explore the application of engineering principles in various technological areas including construction, transportation, communication, manufacturing, and bioengineering. Students gain knowledge and experience needed to effectively improve processes and systems in each of these areas.

**Engineering Research and Design**  
SDE# 560014

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

Engineering Research and Design is a capstone course in the engineering field, recommended for students in Grades 11–12. The course enables students to make an informed career choice through the study and application of mechanical, electrical, and other engineering systems. Students conduct research and design

engineering projects to enhance their abilities and expand their interest in the field of engineering. Projects reinforce the application of communication, mathematics, and science. Computer technology applications are utilized extensively in this course to enable students to visualize, model, prototype, solve, and report comprehensive design problems.

### **Engineering Systems**

SDE# 560013

Prerequisite: Algebra II

1 term/1 credit

Grades 11-12

Fee: \$20.00

Engineering Systems is a course designed to explore systems involved in the engineering research and design process. Topics include fluid, thermal, mechanical, and electrical systems. Students gain knowledge of each type of system and the common interactions among them.

### **Introduction to Engineering Design-PLTW**

SDE# 560015

Prerequisite: Algebra I

1 term/1 credit

Grades 9-12

Fee: \$20.00

A one-credit course that uses a design development process while enriching problem-solving skills. Students create and analyze models using specialized computer software.

### **Principles of Engineering-PLTW**

SDE# 560016

Prerequisite: Algebra I

1 term/1 credit

Grades 9-12

Fee: \$20.00

A one-credit course designed to explore technology systems and manufacturing processes.

### **Computer Integrated Manufacturing-PLTW**

SDE# 560021

Prerequisite: Algebra I

1 term/1 credit

Grades 9-12

Fee: \$20.00

A one-credit course designed to enhance computer modeling skills by applying principles of robotics and automation to the creation of models of three-dimensional designs.

## **WORKFORCE DEVELOPMENT / WORK-BASED LEARNING**

(Formerly Cooperative Education)

Work-based learning (WBL) is an element in education which provides students with the opportunities to be career ready, build career awareness, explore career options, and develops critical thinking skills. The need for appropriate WBL has brought about changes in world economies, the educational system, and has provided an increased focus on the occupational curriculum through rigor, relevance, and relationship to connect school and work. Students should be provided opportunities to receive the necessary skills for employment and/or postsecondary education. Workforce Essentials is not required for regular education students in order to participate in Co-Op. Regular education students must have completed at least one high school Career Tech course and be simultaneously enrolled in a second Career Tech course with their Co-Op course.

Progressive career pathways should be followed in work-based learning programs and provide for preparation and transition to work through Cooperative Education. Work-based learning programs shall be managed by a Workforce Development Coordinator/Teacher-Coordinator (formerly Cooperative Education Coordinator). The primary duty of the Workforce Development Coordinator is to enrich student learning through school and work-based instruction and ensure that all students meet the entry requirements as outlined in the Alabama Workforce Development Manual.

### **Workforce Essentials**

SDE # 400016aa

1 term/1 credit

Grades 9-12

Fee: \$20.00

Workforce Essentials is a course that provides students with higher-level academic and occupational skills that are transferable across jobs and occupational areas. Emphasis is placed on academic foundations for careers;

applied technology; career development and employment; entrepreneurship and business economics; social and ethical responsibility, leadership, and teamwork; safety and health; and technical knowledge and skills. Students build on prior knowledge, strengths, interests, and needs that enhance preparation for future employment and continuing education and training. Leadership activities, co-curricular instruction, and opportunities to enhance employability skills are provided through participation in appropriate career and technical student organization affiliations.

**Cooperative Education Work-Based Experience-First Credit**

SDE# 400122

1 term/1 credit  
Grade: 11-12  
Fee: \$10.00

Prerequisite: It is recommended, but not required, that a student obtain concentrator status, (two courses within a CTE program, and prior to enrollment in cooperative education. Students who have not obtained concentrator status must have successfully completed a minimum of one CTE credit. The Career Preparedness course will count as a Career Technical course regardless of the instructor's teacher certification.

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

**Cooperative Education Work-Based Experience-Second Credit**

SDE# 400133

1 term/1 credit  
Grade: 11-12  
Fee: \$10.00

Prerequisite: It is recommended, but not required, that a student obtain concentrator status, (two courses within a CTE program, and prior to enrollment in cooperative education. Students who have not obtained concentrator status must have successfully completed a minimum of one CTE credit. The Career Preparedness course will count as a Career Technical course regardless of the instructor's teacher certification.

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

**Cooperative Education Work-Based Experience-Third Credit**

SDE# 400144

1 term/1 credit  
Grade: 11-12  
Fee: \$10.00

Prerequisite: It is recommended, but not required, that a student obtain concentrator status, (two courses within a CTE program, and prior to enrollment in cooperative education. Students who have not obtained concentrator status must have successfully completed a minimum of one CTE credit. The Career Preparedness course will count as a Career Technical course regardless of the instructor's teacher certification.

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

**Cooperative Education Work-Based Experience-Fourth Credit**

SDE# 400212

1 term/1 credit  
Grade: 11-12  
Fee: \$10.00

Prerequisite: It is recommended, but not required, that a student obtain concentrator status, (two courses within a CTE program, and prior to enrollment in cooperative education. Students who have not obtained concentrator status must have successfully completed a minimum of one CTE credit. The Career Preparedness course will count as a Career Technical course regardless of the instructor's teacher certification.

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

# THE ACADEMY AT THE FAIRHOPE AIRPORT

Students in Baldwin County have an opportunity to enroll in technical programs located at the Fairhope Airport. Students interested in taking any of these courses must complete the **Dual Enrollment** application process and be accepted by the post-secondary institution. See your High School counselor for additional information and an application. \*Aviation course offerings may be subject to change.

Aviation (Academy Only)	Electrical/Instrumentation (Academy Only)	Welding (Academy, NBCT & SBCT)
<ul style="list-style-type: none"> <li>• AMT 100 Technical Preparation</li> <li>• AMT 101 Basic Electricity</li> <li>• AMT 102 Materials and Processes</li> <li>• AMT 111 Aircraft Sheet Metal Structures</li> <li>• AMT 114 Airframe Systems III</li> </ul>	<ul style="list-style-type: none"> <li>• IET 111 Direct Current Fundamentals</li> <li>• INT 117 Principles of Industrial Maintenance</li> <li>• WKO 110 NCCER Core</li> <li>• IET 143 Principles of Electricity</li> <li>• IET 131 Fluid Power Systems</li> <li>• INT 158 Industrial Wiring</li> </ul> <p><b><u>Millwright Technology Training</u></b> Same courses as above with an additional course</p> <ul style="list-style-type: none"> <li>• INT 126 Preventive Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• WDT 108 Shielded Metal Arc Fillet</li> <li>• WDT 122 Shielded Metal Arc Fillet Lab</li> <li>• WDT 109 Shielded Metal Arc Fillet/ PAC/CAC</li> <li>• WDT 123 Shielded Metal Arc Fillet PAC/CAC Lab</li> <li>• WDT 120 Shielded Metal Arc Welding Groove</li> <li>• WDT 125 Shielded Metal Arc Welding Groove Lab</li> <li>• WDT 119 Gas Metal Arc/Flux Core Arc Welding</li> <li>• WDT 124 Gas Metal Arc/Flux Core Arc</li> <li>• WDT 228 Gas Tungsten Arc Welding</li> <li>• Welding Lab</li> </ul>

## AVIATION

### Technical Preparation

SDE# 921601  
AMT 100

1 term/1 credit  
Grades 10-12

This course introduces basic information necessary for entering student in aviation maintenance technology. Emphasis is placed on math and physics, aircraft weight and balance, and Federal Aviation Administration (FAA) and manufacturers' technical and legal publications. Upon Completion students should be able to make basic computations, apply principles of physics, compute weight and balance, use maintenance forms and records, state mechanic's privileges and limitations, and interpret maintenance publications.

### Basic Electricity

SDE# 921602  
AMT 101

1 term/1 credit  
Grades 10-12

This course provides a study in electricity. Emphasis is placed on alternating current (AC) and direct current (DC) circuits and controls, electrical measurements, electrical test equipment, aircraft batteries, fundamental electronics, and semi-conductor devices. Upon completion, students should be able to solve problems associated with electrical measurements, use basic electrical test equipment and service aircraft batteries.

### Materials and Processes

SDE# 921603  
AMT 102

1 term/1 credit  
Grades 10-12

This course introduces aircraft hardware and materials, precision measuring and non-destructive testing, aircraft ground operations, fuels, cleaning and corrosion control methods, and the use of aircraft drawings. Emphasis is on identification and selection of aircraft hardware, performance of non-destructive testing, fabrication and inspection of flexible fluid lines, identification of fuels, use of cleaning materials, and corrosion control programs. Upon completion, students should be able to perform non-destructive tests, use precision measuring tools,

fabricate and install rigid and flexible fluid lines, select hardware and fuels, handle and secure an aircraft, and identify, read, create and interpret aircraft drawings.

### **Aircraft Sheet Metal Structures**

SDE# 921605  
AMT 111

1 term/1 credit  
Grades 10-12

This course introduces aircraft electrical, communication, and navigation systems and components. Emphasis is placed on inspecting, repairing, installing, adjusting, and troubleshooting aircraft alternating and direct current electrical systems. Upon completion, students should know the operation and theory of generators, alternators, and starters; be able to fabricate wiring; and inspect troubleshoot, and repair lighting, communication and navigation systems.

### **Airframe Systems III**

SDE# 921608  
AMT 114

1 term/1 credit  
Grades 10-12

This course introduces the theory of operation of various hydraulic and pneumatic components and systems, landing gear systems, and various position and warning systems. Emphasis is on testing, inspecting, troubleshooting and servicing hydraulic and pneumatic system components, wheel and brake systems, and position and warning systems. Upon completion, students should be able to inspect, troubleshoot, and repair hydraulic and pneumatic power be able to inspect, troubleshoot, and repair hydraulic and pneumatic power systems, aircraft wheels and tires, aircraft landing gear systems, anti-skid and electrical braking systems, and position and warning systems.

## **Electrical/Instrumentation & Millwright Technology Training Certificate**

### **Basic Electricity**

SDE# 931404  
IET 114

1 term/1 credit  
Grades 10-12

This course provides an introduction to direct current (DC) and alternating current (AC) electrical theory. Topics include atomic theory, magnetism, properties of conductors and insulators, and characteristics of series, parallel, and series-parallel circuits. Inductors and capacitors are introduced and their effects on DC and AC circuits are examined. Students are prepared to analyze complex circuits, solve for unknown circuit variables and use basic electronic test equipment. This course also provides hands on laboratory exercises to analyze, construct, test, and troubleshoot electrical circuits. Emphasis is placed on the use of a scientific calculator, the operation of common test equipment, and the physical wiring of electrical circuits.

### **Principles of Industrial Maintenance**

SDE# 932017  
INT 117

1 term/1 credit  
Grades 10-12

This course provides instruction in basic physics concepts applicable to mechanics of industrial production equipment. Topics include the basic application of mechanical principles with emphasis on power transmission, specific mechanical components, alignment, and tension. Upon completion, students will be able to perform basic troubleshooting, repair and maintenance functions on industrial production equipment. This is a core course.

### **NCCER Core**

SDE# 938806  
WKO 110

1 term/1 credit  
Grades 10-12

This course provides is designed to provide students with knowledge and skills related to multi-craft technicians in a variety of fields. Information in this course is based on the National Center for Construction Education and Research (NCCER) core curriculum and prepares students to test for the NCCER Credential. High School students that have received a NCCER Core Certification Card in any Technical Program should not retake this course.

### **Fluid Power**

SDE# 931407  
IET 131

1 term/1 credit  
Grades 10-12

This course is provided instruction in topics ranging from basic physical concepts of machines to component operation and its typical system applications. Included are hydraulic valves, actuators, pumps, motors and their connection in transmission of energy through fluid power systems.

### **Industrial Wiring**

SDE# 932036  
INT 158

1 term/1 credit  
Grades 10-12

This course focuses on principles and applications of commercial and industrial wiring. Topics include, electrical safety practices, an overview of National Electric Code requirements as applied to commercial and industrial wiring, conduit bending, circuit design, pulling cables, transformers, switch gear, and generation principles.

### **Blue Print Reading for Industrial Technicians**

SDE# 932037  
INT 161

1 term/1 credit  
Grades 10-12

This course is designed to provide the student a comprehensive understanding of blueprint reading. Topics include identifying types of lines and symbols used in mechanical drawings; recognition and interpretation of various types of views, tolerance, and dimensions.

**Dual Enrolled Courses:  
THE ACADEMY AT THE FAIRHOPE AIRPORT  
and offered at the North and South Baldwin Centers for Technology  
\*Fees for Dual Enrolled courses are accessed at the Technical Centers only.**

### **Welding Technology**

#### **Shielded Metal Arc Fillet/OFC**

SDE# 938601  
WDT 108  
Co Requisite: WDT 122

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of oxy-fuel cutting.

#### **Shielded Metal Arc Fillet/OFC LAB**

SDE# 938608  
WDT 122  
Co Requisite: WDT 108

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course is designed introduce the student to the proper set-up and operation of the shielded metal arc welding equipment. Emphasis is placed on striking and controlling the arc, and proper fit up of fillet joints. This course is also designed to instruct students in the safe operation of oxy-fuel cutting. Upon completion, students should be able to make fillet welds in all positions using electrodes in the F-3 groups in accordance applicable welding code and be able to safely operate oxy-fuel equipment and perform those operations as per the applicable welding code.

#### **Shielded Metal Arc Fillet/PAC/CAC**

SDE# 938602  
WDT 109  
Co Requisite: WDT 123

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course provides the student with instruction on safety practices and terminology in the Shielded Metal Arc Welding (SMAW) process. Emphasis is placed on safety, welding terminology, equipment identification, set-up and operation, and related information in the SMAW process. This course also covers the rules of basic safety and identification of shop equipment and provides the student with the skills and knowledge necessary for the safe operation of carbon arc cutting and plasma arc cutting.



**Shielded Metal Arc Fillet/PAC/CAC LAB**

SDE# 938609  
 WDT 123  
 Co Requisite: WDT 109

1 term/1 credit  
 Grades 10-12  
 Fee: \$20.00

This course is designed introduce the student to the proper set-up and operation of the shielded metal arc welding equipment. Emphasis is placed on striking and controlling the arc, and proper fit up of fillet joints. This course is also designed to instruct students in the safe operation of plasma arc and carbon arc cutting. Upon completion, students should be able to make fillet welds in all positions using electrodes in the F-4 groups in accordance with applicable welding code and be able to safely operate plasma arc and carbon arc equipment and perform those operations as per applicable welding code.

**Shielded Metal Arc Welding Groove**

SDE# 938607  
 WDT 120  
 Co Requisite: WDT 125

1 term/1credit  
 Grades 10-12  
 Fee: \$20.00

This course provides the student with instruction on joint design, joint preparation, and fit-up of groove welds in accordance with applicable welding codes. Emphasis is placed on safe operation, joint design, joint preparation, and fit-up. Upon completion, students should be able to identify the proper joint design, joint preparation and fit-up of groove welds in accordance with applicable welding codes.

**Shielded Metal Arc Welding Groove LAB**

SDE# 938611  
 WDT 125  
 Co Requisite: WDT 120

1 term/1 credit  
 Grades 10-12  
 Fee: \$20.00

This course provides instruction and demonstrations in the shielded metal arc welding process on carbon steel plate with various size F3 and F4 group electrodes in all positions. Emphasis is placed on welding groove joints and using various F3 and F4 group electrodes in all positions. Upon completion, the student should be able to make visually acceptable groove weld joints in accordance with applicable welding codes.

**Gas Metal Arc/Flux Core Arc Welding**

SDE# 938606  
 WDT 119

1 term/1 credit  
 Grades 10-12  
 Fee: \$20.00

This course introduces the student to the gas metal arc and flux cored arc welding process. Emphasis is placed on safe operating practices, handling and storage of compressed gasses, process principles, component identification, various welding techniques and base and filler metal identification.

**Gas Metal Arc/Flux Core Arc Welding LAB**

SDE# 938610  
 WDT 124

1 term/1 credit  
 Grades 10-12  
 Fee: \$20.00

This course provides instruction and demonstration using the various transfer methods and techniques to gas metal arc and flux cored arc welds. Topics included are safety, equipment set-up, joint design and preparation, and gases.

**Gas Tungsten Arc Welding**

SDE# 938627  
 WDT 228

1 term/1 credit  
 Grades 10-12  
 Fee: \$20.00

This course provides students with knowledge needed to perform gas tungsten arc welds using ferrous and /or non-ferrous metals, according to applicable welding codes. Topics include safe operating practices, equipment identification and set-up, correct selection of tungsten type, polarity, shielding gas and filler metals, Upon completion, a student should be able to identify safe operating practices, equipment identification and setup, correct selection of tungsten type, polarity, shielding gas, filler metals, and various welds on ferrous and/or non-ferrous metals, using the gas tungsten arc welding process according to applicable welding codes.

Building Construction (NBCT & SBCT)	HVACR (NBCT only)
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<ul style="list-style-type: none"> <li>• Construction Basics</li> <li>• Floors, Walls, &amp; Site Preparation</li> <li>• Floors, Walls and Site Preparation LAB</li> <li>• Construction Basics LAB</li> <li>• Basic Construction Layout</li> <li>• Interior &amp; Exterior Finish</li> <li>• Roof &amp; Ceiling Systems</li> <li>• Roof and Ceiling Systems LAB</li> <li>• Floor, Wall and Ceiling Specialties</li> </ul>	<ul style="list-style-type: none"> <li>• Heat Pump Systems I</li> <li>• Heat Pump Systems II</li> <li>• Principles of Refrigeration</li> <li>• HVACR Service Procedures</li> <li>• Commercial Heating Systems</li> </ul>
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**Building Construction**

**Construction Basics**

SDE# 924201  
CAR 111

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course introduces students to the opportunities in and requirements of the construction industry. Topics include economic outlook for construction, employment outlook, job opportunities, training, apprenticeship, entrepreneurship, construction tools, materials, and equipment, job safety and OSHA standards. Upon course completion, students should be able to identify the job market, types of training, knowledge of apprenticeship opportunities, construction tools, materials, equipment, and safety procedures.

**Floors, Walls, and Site Preparation**

SDE# 924202  
CAR 112

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course introduces the student to site preparation, floor and wall layout, and construction. Topics include methods of site preparation, measurement and leveling tools, framing, layouts, and components of wall and floor framing to include beams, girders, floor joists, sub-flooring, partitions, bracing, headers, sills, doors and corners. Upon course completion, students will be able to identify various types of wall and floor framing systems and their components, identify building lines, setbacks, and demonstrate a working knowledge of leveling applications.

**Floors, Walls, and Site Preparation LAB**

SDE# 924203  
CAR 113

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

In this course the student will engage in applications of site preparation, floor and wall layout, and construction. Emphasis is placed on following job safety procedures, the use of required tools and equipment, performing site preparation, laying out and framing a floor system, and laying out, and erecting walls. Students will use various measurement and leveling tools, identify and install beams, girders, floor joists, sub-flooring, and install various wall components such as partitions, bracing, headers, sills, doors and windows, and corners. Upon course completion, students should be able to follow proper safety procedures, identify building lines and setbacks, ensure proper site preparation, layout and frame a floor, and layout, frame and erect walls.

**Construction Basics LAB**

SDE# 924204  
CAR 114

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course provides practical and safe application of hand, portable power, stationary and pneumatic tools, use of building materials, fasteners and adhesives, and job site safety. Emphasis is placed on the safe use of hand, power, and pneumatic tools, proper selection of lumber, plywood, byproducts, nails, bolts, screws, adhesives, fasteners, construction materials, and job safety. Upon course completion, the student should be able to identify hand, power, stationary, and pneumatic tools and demonstrate their safe use; identify and properly select wood and non-wood building products, and properly use nails, fasteners and adhesives.

**Basic Construction Layout**

SDE# 923602  
BUC 111

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course provides students basic building layout skills. Topics include the builder's level, transit and basic site layout techniques. Upon completion, students should be able to solve differential leveling problems, set up and operate the builder's level and transit, build batter boards, and perform basic construction layout procedures.

**Interior and Exterior Finish**

SDE# 924209  
CAR 132

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course introduces the student to interior and exterior finishing materials and techniques. Topics include interior trim of windows and doors, ceilings, and wall moldings, exterior sidings, trim work, painting and masonry finishes. Upon completion the students should be able to identify, describe the uses of, and install different types of doors, windows and moldings; identify and install the types of exterior sidings and trim, and describe the different types of paint and their proper application.

**Roof and Ceiling Systems**

SDE# 924208  
CAR 131

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course focuses on framing ceilings and roofs. Emphasis is placed on the various types of ceiling and roofing frames, rafters, trusses, ceiling joists, roof decking, and roofing materials. Upon completion, students should be able to explain how to frame a roof and ceiling, identify proper installation methods of roofing materials, and describe applicable safety rules.

**Roof and Ceiling Systems LAB**

SDE# 924210  
CAR 133

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

The course provides students with practical experience in roof and ceiling layout, framing, and installation. Upon completion, the student should be able to layout and frame a roof and ceiling, cut and install rafters, and joists, install trusses, cut and apply roof decking and roofing materials, and apply job site safety rules.

**Floor, Wall, and Ceiling Specialties**

SDE# 924215  
CAR 224

1 term/1 credit  
Grades 10-12  
Fees: \$20.00

This course focuses on advanced interior applications for floors, walls, and ceilings. Topics may include paneling, hard wood floors, drop ceilings, acoustical ceilings, tray ceilings, and box ceilings. Upon completion the students should have a working knowledge of the specialties covered. This is an advanced course.

**HVACR-North Baldwin Campus Only**

**Heat Pump Systems I**

SDE# 920222  
ACR 148

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Instruction received in this course centers around the basic theory and application of heat pump systems and components. Upon completion students will be able to install and service heat pumps in a wide variety of applications.

**Heat Pump Systems II**

SDE# 920223  
ACR 149

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This is a continuation course of the basic theory and application of heat pump systems. Topics include the electrical components of heat pumps and their function. Upon completion student should be able to install and service heat pumps.

**Principles of Refrigeration**

SDE# 920201  
ACR 111

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course emphasizes the fundamental principles for air conditioning and refrigeration. Instruction is provided in the theory and principles of refrigeration and heat transfer, HVAC/R system components, common, and specialty tools for HVAC/R, and application of the concepts of basic compression refrigeration. Upon completion, students should identify system components and understand their functions, identify and use common and specialty HVAC/R tools, and maintain components of a basic compression refrigeration system.

### **HVACR Service Procedures**

SDE# 920202  
ACR 112

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course covers system performance checks and refrigerant cycle diagnosis. Emphasis is placed on the use of refrigerant recovery/recycle units, industry codes, refrigerant coils and correct methods of charging and recovering refrigerants. Upon completion, students should be able to properly recover/recycle refrigerants and demonstrate safe, correct service procedures which comply with the no-venting laws.

### **Commercial Heating Systems**

SDE# 920210  
ACR 126

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course covers the theory and application of larger heating systems. Emphasis is placed on larger heating systems associated with commercial applications such as gas heaters, boilers, unit heaters, and duct heaters. Upon completion, student should be able to troubleshoot and perform general maintenance on commercial heating systems.

## **Health Science Programs Foley High, Gulf Shores High, North & South Centers**

### **Emergency Medical Technician**

SDE# 941208  
EMS 118

1 term/1 credit  
Grades 10-12

This course covers the theory and application of larger heating systems. Emphasis is placed on larger heating systems associated with commercial applications such as gas heaters, boilers, unit heaters, and duct heaters. Upon completion, student should be able to troubleshoot and perform general maintenance on commercial heating systems.

### **Emergency Medical Technician Clinical**

SDE# 941209  
EMS 119

1 term/1 credit  
Grades 10-12

This course covers the theory and application of larger heating systems. Emphasis is placed on larger heating systems associated with commercial applications such as gas heaters, boilers, unit heaters, and duct heaters. Upon completion, student should be able to troubleshoot and perform general maintenance on commercial heating systems.

## **Hospitality & Tourism Daphne High, Foley High, Gulf Shores High and South Baldwin Center**

### **Food Preparation**

SDE# 926811  
CUA 125

1 term/1 credit  
Grades 10-12  
Fee: \$35.00

In this course students acquire fundamental knowledge and skills in preparing a variety of basic foods. Specific topics include safety, the history of food service, professional standards of conduct and ethics, credentialing, the kitchen brigade, tools, and techniques for preparing various types of food items. At the conclusion of this course students will demonstrate basic food preparation skills.

### **Foundations of Nutrition**

CUA 111  
SDE# 926804

1 term/1 credit  
Grades 10-12  
Fee: \$35.00

This course focuses on nutrition and meal planning in relation to the food preparation industry. Topics include the science of food and nutrition, essential nutrients and their relation to the growth, maintenance and functioning of

the body, nutritional requirements of differing age levels and cultural influences on food selection. Upon completion of this course, students will be able to apply the basic principles to meal planning. This is a CORE course.

### **Hospitality Marketing**

SDE# 931209  
HSM 250

1 term/1credit  
Grades 10-12  
Fee: \$20.00

This course is designed to study the principles of marketing and promotion as they relate to the hospitality industry. Topics include promotional techniques, advertising, and the organization of a lodging operation's sales department and promotion of special events.

### **Human Resource Management**

SDE# 930821  
HSM 250

1 term/1credit  
Grades 10-12  
Fee: \$20.00

This course is designed to provide students with a basic understanding of personal management for the hospitality and travel industry. Students will be introduced to forces affecting the labor market, scientific management and the service sector, the importance of flexible employees and policies, and labor problems currently facing the industry. Upon completion, students should understand changing worker attitudes and values, federal and state legislation, the shrinking labor market, the changing demographics of the labor market and the growing demands for better service.

## **Transportation, Distribution, and Logistics North and South Baldwin Center for Technology**

### **ASE 101 Fundamentals of Automotive Technology**

SDE# 922201

1 term/1credit  
Grades 10-12  
Fee: \$20.00

This course provides basic instruction in Fundamentals of Automotive Technology.

### **ASE 162 Electrical & Electronic Systems**

SDE# 922209

1 term/1credit  
Grades 10-12  
Fee: \$20.00

This is an intermediate course in automotive electrical and electronic systems. Emphasis is placed on troubleshooting and repair of battery, starting, charging, and lighting systems, subsystems, and components. This is a CORE course.

### **ASE 212 Advanced Electrical & Electronic Systems**

SDE# 922211

1 term/1credit  
Grades 10-12  
Fee: \$20.00

This course provides instruction in advanced automotive electrical and electronic systems. Emphasis is placed on troubleshooting and repair of advanced electrical and electronic systems, subsystems, and components.

### **ASE 239 Engine Performance & Diagnostics**

SDE# 922215

1 term/1credit  
Grades 10-12  
Fee: \$20.00

This course provides basic instruction in engine performance with emphasis on fuel and ignition systems relating to engine operation. This is a CORE course.

# CAREER TECHNICAL EDUCATION

## NORTH AND SOUTH BALDWIN CENTERS FOR TECHNOLOGY

Students in Baldwin County have an opportunity to enroll in technical programs **located at the two technical centers**. Courses at the **North Baldwin Center for Technology (NBCT)** and the **South Baldwin Center for Technology (SBCT)** are taught in one-block courses. Students from Baldwin County High School and Robertsdale High School have the option to enroll in courses during any of the four blocks per term. Students from Gulf Shores High School, Foley High School, Fairhope High School, Daphne High School, and Spanish Fort High School must elect to take two different courses with the first two blocks of the day or the last two blocks of the day. All programs are one term in length.

**Courses designated with three asterisks (\*\*\*) are eligible for college credit with Faulkner State Community College when students meet eligibility requirements. See Dual Enrollment description on p. 94.**

**Courses designated with two asterisks (\*\*) are eligible for college credit with Alabama's Community Colleges or a specific Alabama Community College when students meet eligibility requirements. See Articulated Credit description on p. 94.**

### AGRICULTURE, FOOD AND NATURAL RESOURCES

In the Agriculture, Food and Natural Resources Cluster, students choose one of the three pathways – Power, Structural, and Technical Systems, Environmental and Natural Resources or Plant Systems. Instruction provides students with the essential knowledge, high-level skills, and training demanded for work in this cluster. Learning activities simulate types of work environments students may encounter, which include opportunities to gain knowledge and skills through coordinated workplace learning experiences such as on-site visits and work shadowing. The classroom laboratory for this cluster provides safe and appropriate setting for active, structured, stimulating student learning and assessment. This cluster emphasizes the Supervised Agricultural Experience (SAE) program and FFA activities that help students develop their potential for premier leadership, personal growth, and career success.

Environmental and Natural Resources Systems	Plant Systems
<ul style="list-style-type: none"> <li>• Aquaculture</li> <li>• Forestry</li> <li>• Fish and Wildlife Management</li> <li>• Environmental Management</li> <li>• CTE Lab in Agriculture, Food &amp; Natural Resources</li> </ul>	<ul style="list-style-type: none"> <li>• Greenhouse Production and Management**</li> <li>• Horticulture Science**</li> <li>• Sports Turfgrass Production and Management**</li> <li>• Landscape Design and Management</li> <li>• Residential Landscape Establishment and Maintenance</li> <li>• Nursery Production and Management**</li> <li>• CTE Lab in Agriculture, Food &amp; Natural Resources</li> </ul>

**Aquaculture**  
SDE# 420037

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed to introduce students to physical and biological concepts and skills in aquaculture. Emphasis is placed on integration of knowledge to solve problems and broaden depth of understanding about water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation.

**Forestry**  
SDE# 420020aa

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Forestry is a course designed to enable students to become knowledgeable of forestry and wood technology. Students acquire an appreciation for increased emphasis on managing and conserving forests for the future. Topics include career opportunities, safety, history, dendrology, tree measurement, mapping, silviculture, forest products, and forest protection.

**Fish & Wildlife Management**  
SDE# 420024

1 term/1 credit  
Grades 9-12

Fee: \$20.00

Fish and Wildlife Management is a course that provides students with the opportunity to become knowledgeable about some of today's most valued, yet vulnerable, natural resources. Topics included in the course are career opportunities, outdoor safety, history, issues, classification, fish and wildlife ecology, fish and wildlife management, endangered species, fish and wildlife pest management, and outdoor recreation.

**Environmental Management**  
SDE# 420026

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Environmental Management is a course designed to provide students with an in-depth study of environmental management principles and practices including natural resources, ecology, waste management, water and air quality, pesticide management and use, and energy conservation.

**Greenhouse Production and Management \*\***  
SDE# 420054

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Greenhouse Production and Management is a course relating to the production of greenhouse crops. Topics include career opportunities, safety, plant propagation, growing media, plant identification, greenhouse production, pest control, business management, and equipment and facilities. The hands-on approach to learning is a key component in this course.

**Horticultural Science \*\***  
SDE# 420051

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Topics in Horticultural Science include career opportunities, safety, plant physiology, growing media, greenhouse facilities, greenhouse and nursery crop production, plant identification and classification, pest management, hydroponics and vegetable gardening, and technological applications.

**Sports Turfgrass Production and Management \*\***  
SDE# 420056

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Sports Turfgrass Production and Management is a course that prepares students for sports turfgrass careers. Topics include career opportunities, safety, turfgrass growth, turfgrass management, sports fields, turfgrass tools and equipment, business management, and technology.

**Landscape Design and Management \*\***  
SDE# 420057

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

The landscape design and management sector of the horticulture industry is a growing area in agriscience. Landscapers influence our lives as well as the Earth's ecosystem. This course allows students to become more knowledgeable about and appreciative of landscape design and management. Topics include career opportunities, safety, landscape design, plant selection, landscape growth and the environment, landscape establishment and management, interior plantscaping and xeriscaping, landscape business management, and technology.

**Residential Landscape Establishment and Management \*\***  
SDE# 420059

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Residential Landscape Establishment and Maintenance is a one-credit course that focuses on the residential landscape industry. Topics include career opportunities, safety, plant nutrition, pest management, plant identification, residential landscape design and maintenance, tool and equipment maintenance, residential landscape business management, and technology.

**Nursery Production and Management \*\***  
SDE# 420055

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Nursery Production and Management is a course designed to introduce students to the production of nursery crops. Topics include career opportunities, safety, basic plant science, plant propagation, nursery growing media, plant identification, nursery production, nursery pest control, business management, and equipment and facilities.

**CTE Lab in Agriculture, Food & Natural Resources**

SDE# 420078

1 term/1 credit

Grades 9-12

Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Agriculture, Food and Natural Resources through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

**ARCHITECTURE AND CONSTRUCTION**

In the Architecture and Construction cluster students choose one of four pathways: Building Construction, Carpentry, Heating Ventilation, Air Conditioning, and Refrigeration. Coursework leads to careers in building construction, carpentry, heating, ventilation, air-conditioning, and refrigeration (HVACR); industrial maintenance and welding. Course content includes significant technical depth and incorporates engineering concepts and terminology. Students in Grades 9-12 are required to take a foundation course before entering a pathway in this cluster.

The Architecture and Construction cluster provides students with basic knowledge and skills within a safe and appropriate setting for student exploration and achievement. The active, structured, and stimulating environment simulates the workplace setting and enhances students' ability to adapt to an ever-changing job market. Students work together to build a community of learners as their ideas become a source of learning. Students in this cluster affiliate with SkillsUSA as the co-curricular Career and Technical Student Organization (CTSO). SkillsUSA provides additional opportunities that enhance classroom instruction, develop leadership skills, and further career development. Students in this cluster area have the opportunity to obtain a NCCER (National Center for Construction Education Research) Credential.

<p align="center"><b>Architecture, Construction &amp; Manufacturing Building Construction, Carpentry and Welding</b></p>	<p align="center"><b>Heating Ventilation, Air Conditioning, and Refrigeration (NBCT Only)</b></p>
<ul style="list-style-type: none"> <li>• Architecture, Construction &amp; Manufacturing</li> <li>• NCCER Carpentry I</li> <li>• NCCER Carpentry II</li> <li>• NCCER Carpentry III</li> <li>• NCCER Building Construction I- Construction Framing</li> <li>• NCCER Building Construction II- Site Preparation</li> <li>• NCCER Building Construction III- Construction and Finishing</li> <li>• Construction and Framing</li> <li>• Carpentry for Residential Interiors (NBCT only)</li> <li>• Construction Finishing &amp; Interior Systems</li> <li>• Computer Numerically Controlled (CNC) Wood Technology I</li> <li>• Computer Numerically Controlled (CNC) Wood Technology II</li> <li>• CTE Lab in Architecture &amp; Construction</li> <li>• NCCER Welding I</li> <li>• NCCER Welding II</li> <li>• NCCER Welding III</li> <li>• NCCER Welding IV</li> <li>• Gas Metal Arc Welding</li> <li>• Flux Core Arc Welding</li> <li>• CTE Lab in Architecture and Construction</li> </ul>	<ul style="list-style-type: none"> <li>• NCCER HVAC I</li> <li>• NCCER HVAC II</li> <li>• NCCER HVAC III</li> <li>• Heating and Heat Pump Systems</li> </ul>



**Architecture, Construction and Manufacturing \*\***

SDE# 430004

Prerequisite: Appropriate 4-year plan and Career Interest Documentation

1 term/1 credit

Grades 9-12

Fee \$20.00

Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in Grades 9-12; however it is not required for entering a specific pathway. Course content provides students with an overview of the Architecture and Construction career cluster, which contains three pathways: Design and Preconstruction, Construction and Maintenance and Operations.

**NCCER Carpentry I \*\***

SDE# 432301

Prerequisite: Appropriate 4-year plan and Career Interest documentation

1 term/1 credit

Grades 9-12

Fee: \$20.00

NCCER (National Center for Construction Education and Research) Carpentry I is the first of three required one-credit courses in the Carpentry pathway. It is designed to complete all core requirement for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand and power tools, building materials, fasteners, adhesives, and flooring system needed for NCCER Carpentry Level I Credentialing.

**NCCER Carpentry II \*\***

SDE# 432302

Prerequisite: NCCER Carpentry I

1 term/1 credit

Grades 9-12

Fee: \$20.00

NCCER Carpentry II is designed to provide students with advanced knowledge and skills emphasizing floor wall, ceiling, and basic construction layout needed for NCCER Carpentry Level I Credentialing.

**NCCER Carpentry III \*\***

SDE# 432303

Prerequisite: NCCER Carpentry 2

1 term/1 credit

Grades 9-12

Fee: \$20.00

NCCER Carpentry III is designed to provide students with advanced knowledge, skills and practice emphasizing wall, ceiling, and roof framing, windows, entrance doors, and stair layout needed for NCCER Carpentry Level I Credentialing.

**NCCER Building Construction I – Construction Framing**

SDE# 412101

Prerequisite: Appropriate 4-year plan and Career Interest documentation.

1 term/1 credit

Grades 9-12

Fee: \$20.00

NCCER Building Construction I-Construction Framing is a course designed to complete all core requirements for NCCER Core Credentialing and to facilitate students' understanding of the framing components of typical structures. Emphasis is placed on safety, floor systems, wall and ceiling framing, stair construction, and roof framing.

**NCCER Building Construction II – Site Preparation**

SDE# 412102

Prerequisite: Building Construction I and teacher recommendation

1 term/1 credit

Grades 9-12

Fee: \$20.00

NCCER Building Construction II, Site Preparation is a course designed to facilitate students' understanding of the first phases of construction including types of structures and their uses. This course meets partial requirements for NCCER Construction Technology credentials.

**NCCER Building Construction III – Construction Finishing**

SDE# 412103

Prerequisite: NCCER Building Construction II

1 term/1 credit

Grades 9-12

Fee: \$20.00

NCCER Building Construction III – Construction Finishing is a course designed to provide instruction on all common exterior and interior finishing phases of a structure. This course meets partial requirements for NCCER Construction Technology credentials.

**Construction and Framing \*\***  
SDE 410007

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Construction and Framing is a one-credit course designed to facilitate students' understanding of the framing components of a structure. Emphasis is placed on floor systems, wall and ceiling framing, stair construction, and roof framing.

**Carpentry for Residential Interiors (NBCT only) \*\***  
SDE# 430034

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. Emphasis is placed on job safety; wall covering; drywall finishing; and interior door, ceiling, window, and cabinet installations. Leadership activities, co-curricular opportunities, and employability skills are emphasized in appropriate career and technical education organization affiliations.

**Carpentry for Residential Exteriors \*\***  
SDE# 430035

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, exterior finishes, roofing applications, and thermal and moisture protection. Leadership activities, co-curricular opportunities, and employability skills are emphasized in appropriate career and technical education organization affiliations.

**Construction Finishing & Interior Systems \*\***  
SDE# 410008

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Construction Finishing & Interior Systems is designed to facilitate student understanding of the finishing phase of a structure. Topics include career opportunities, safety, windows, doors, plumbing, electrical wiring, insulation, wall coverings, storage, and finishes. Career and student organizations are integral, co-curricular components of each career and technical education course.

**Computer Numerically Controlled (CNC) Wood Technology I**  
SDE# 430104

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Computer Numerically Controlled (CNC) Wood Technology 1 is a one-credit course that provides an introduction to CNC wood technology manufacturing processes and job opportunities for students who are pursuing careers in wood technology manufacturing. Students use critical thinking skills and principles of science, mathematics, and safety. This entry level course may be taken in the Architecture/Construction cluster. Topics include an introduction to CNC safety, mathematics concepts, computer proficiency, programming CNC software, manufacturing of parts, and creating a two-dimensional design.

**Computer Numerically Controlled (CNC) Wood Technology II**  
SDE# 430105

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Computer Numerically Controlled (CNC) Wood Technology II is a one-credit course that provides advanced introduction for CNC wood technology manufacturing processes and job opportunities for students who are pursuing careers in wood technology manufacturing. Students use critical thinking skills and principles of science, mathematics, and safety. This advanced level course may be taken in the Architecture/Construction cluster. Topics include advanced CNC safety, mathematics concepts, computer proficiency, programming CNC software, manufacturing of parts, and creating a two-dimensional design.

**NCCER Welding 1 \*\***

SDE# 432901

Prerequisite: Student should have appropriate four year plan and Career Interest documentation.

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

NCCER Welding I is the first of four required courses in the Welding Technologies Pathway. It is designed to complete all core requirements for NCCER Core Credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, welding theory and practices which are utilized in the manufacturing and construction industry. This entry-level course is required for NCCER Welding Level I Credentialing and may be taken as one of the optional technical courses with credit applied to the Industrial Maintenance Technology area.

**NCCER Welding II**

SDE# 432902

Prerequisite: NCCER Welding 1

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

NCCER Welding II is the second course of four required courses in the welding Technologies pathway. Topics include: basic shielded metal arc welding, blueprint reading, weld symbols, joint identification, and print reading. Emphasis is placed on fundamental knowledge, guided practice, and NCCER Welding Level I requirements.

**NCCER Welding III**

SDE# 432903

Prerequisite: NCCER Welding II and teacher recommendation

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

NCCER Welding III the third of four courses required in the Welding Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on application and operation of shielded metal arc welding, (SMAW) equipment in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing.

**NCCER Welding IV**

SDE# 432904

Prerequisite: NCCER Welding III and teacher recommendation

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

NCCER Welding IV is the fourth of four required one-credit courses in the Welding Technologies pathway. It is designed to provide students with additional practice and skills development. Emphasis is placed on application and operation of shielded metal arc welding (SMAW) equipment and mastering the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing and AWS Plate Certification.

**Gas Metal Arc Welding**

SDE# 430075

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This is a course that provides instruction on the various transfer methods of Gas Metal Arch Welding GMAW fillet welds. Topics include safety, equipment setup, joint design and preparation, and gas flow rates. Upon successful completion of this course, students are able to perform fillet welds in the flat fillet, 1-F, horizontal fillet, 2-F, vertical up-and-down fillet, 3-F, and overhead fillet weld, 4-F, positions. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development. While students are encouraged to continue welding courses in sequence, students may, with teacher's permission and in accordance with local industry needs, begin this course after successful completion of the prerequisite course, of Applied Welding I with Plasma Arc Cutting.

**Flux Core Arc Welding**

SDE# 430076

Prerequisite: Applied Welding I with Plasma Arc Cutting

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This is course that introduces students to flux cored arc welding (FCAW) process. Emphasis is placed on safe operating practices and on handling and storage of compressed gases. Topics include safety, equipment setup, joint design and preparation, and gas flow rates. Students demonstrate manual welding skills on carbon steel

using the FCAW process in the flat fillet (1-F), horizontal fillet (2-F), vertical fillet (3-F), and overhead fillet (4-F) weld positions. Upon successful completion of this course, students are able to make quality welds in the 1-F, 2-F, 3-F, and 4-F positions. Hands-on work experiences and SkillsUSA leadership activities provide many opportunities to enhance classroom instruction and career development.

### **CTE Lab in Architecture & Construction**

SDE# 432910

Prerequisite: Appropriate 4-year plan and Career Interest Documentation

1 term/1credit  
Grades 9-12  
Fee \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers with in Architecture and Construction through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. Students may take this course multiple times.

### **NCCER HVAC I (NBCT Only)\*\***

SDE# 432601

Prerequisite: Student should have appropriate 4-year plan and Career Interest documentation.

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

NCCER HVAC 1 is the first of three required one-credit courses in the HVAC Technologies Pathway. It is designed to complete all core requirements for NCCER Core Credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, HVAC theory and practice which are utilized in heating, ventilation, and air conditioning industry. This entry-level course is required for NCCER HVAC Level I credentialing.

### **NCCER HVAC II (NBCT Only)\*\***

SDE# 432602

Prerequisite: NCCER HVAC 1

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

NCCER HVAC 2 is the second of three required one-credit courses in the HVAC Technologies pathway. Topics include: HVAC theory, application, and the study of components and functions of refrigeration systems. Emphasis is placed on fundamental knowledge, guided practice, and NCCER HVAC Level I requirements.

### **NCCER HVAC III (NBCT Only)\*\***

SDE# 432603

Prerequisite: NCCER HVAC 2

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

NCCER HVAC 3 is the third of 3 required one-credit courses in the HVAC Technologies pathway. It is designed to provide students with theory, practice, and HVAC skills development. Emphasis is placed on application, installation, and operation of HVAC systems leading to NCCER HVAC Level I Credentialing.

### **Heating and Heat Pump Systems (NBCT Only)**

SDE# 430128

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This is a course that introduces students to the fundamental concept of heating systems and heat pumps. Emphasis is placed on identification and operation of different components and advanced problem-solving techniques. Students learn to troubleshoot problems in gas heat, electrical heat, and heat pumps. Students enrolled in this course are able to read with comprehension both text and diagrams. Basic mathematics skills are required for understanding and analyzing airflow problems. Students use different meters and instruments to obtain information to be used to follow flow charts. Instruction in this course consists of both individual and group classroom and laboratory activities. Upon completion of this course students demonstrate skills necessary for servicing and installing different types of heating systems and their components such as gas piping and refrigerant piping. Students also demonstrate skills necessary to determine proper airflow and airflow characteristics. Special emphasis is given to heat pump components and their operation. Leadership activities, co-curricular instruction, and opportunities to enhance employability skills are provided through participation in appropriate career and technical education organization affiliations.

Arts, A/V Technology, and Communications cluster allows a student to apply creativity in a variety of different areas. This industry allows you to learn about advanced technologies used in venues ranging from corporate boardrooms, hotels, and convention centers, to classroom, theme parks, stadium and museums. Several career opportunities for students who choose to enter this cluster may be found in the industry of Audio & Video Technology Film, Printing Technology, Visual Arts, Performing Arts, Journalism & Broadcasting and Telecommunications. Adobe Software is utilized in this program area.

Students who choose to enter the Arts, A/V Technology, and Communications field set specific academic goals for meeting the expectations of business and industry. Participation in the student organization SkillsUSA helps students achieve the goals while enhancing the development of leadership skills.

<b>Visual Arts-Advertising Design (NBCT only)</b>	<b>TV Production (SBCT only)</b>
<ul style="list-style-type: none"> <li>• Foundation of Arts, Audio-Video Technology and Communication</li> <li>• Introduction to Advertising Design</li> <li>• Digital Design</li> <li>• Graphic Illustration</li> <li>• Studio Portfolio</li> <li>• Senior Career Pathway – Project Arts, A/V Tech &amp; Communications</li> <li>• CTE Lab in Arts, AV Television, and Communication</li> </ul>	<ul style="list-style-type: none"> <li>• Foundation of Arts, Audio-Video Technology and Communication</li> <li>• Introduction to Television Production</li> <li>• Television-Writing, Producing, and Performing</li> <li>• Television Production - Studio Operations</li> <li>• Television Production - Photography and Editing</li> <li>• Advanced Television Production</li> <li>• Senior Career Pathway Project - Arts, A/V Tech &amp; Communications</li> <li>• CTE Lab in Arts, AV Television, and Communication</li> </ul>

**Foundation of Arts, Audio-Video Technology and Communication**

SDE# 440004

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This course is designed to introduce students to the areas of advertising design, animation, commercial photography, graphic arts, and television production. Classroom, laboratory, and real-world experiences promote teamwork, leadership, and further opportunities for application of knowledge and skills. Career and technical student organizations are integral, co-curricular components of each career and technical education course. These organizations serve as a means to enhance classroom instruction while helping students develop leadership abilities, expand workplace-readiness skills, and broaden opportunities for personal and professional growth.

**Digital Design \*\***

SDE# 440032

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This course is designed for students who have successfully completed the Introduction to Advertising Design course or have completed one credit in Visual Arts. Digital Design provides students with hands-on experiences addressing a variety of components of information design. Instruction includes information regarding various computer operations, applications and procedures, type styles, desktop publishing, layout and design techniques, mechanical production files, formats, and technology in the work place. Skills gained in this course prepare students for the Graphic Illustration course, the next level of study in the Advertising Design program.

**Graphic Illustration \*\***

SDE# 440033

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This course provides students with experiences and instruction in object and information design. Students apply the elements of design and sharpen visual communication skills. They design projects that allow them to manipulate graphic applications and demonstrate mastery of these skills. Topics of study include interior design, fashion illustrations, computer and hand drawings, and exploration of software, package design, typography, and

digital photography. Skills developed in these areas prepare students for the final course in the sequence, Studio and Portfolio. Digital Design is the prerequisite for Graphic Illustration.

### **Introduction to Advertising Design \*\***

SDE# 444031

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This course provides students with orientation experiences and laboratory safety for working in an advertising design studio environment. Topics of study include art history, art production, art criticism, design elements and principles, and materials and media utilized in the field of visual communication. Particular emphasis is placed on related academic skills. Successful completion of this course prepares students for the next course in the Advertising Design program, Digital Design. This course or an equivalent visual arts credit is a prerequisite for other courses in the Advertising Design program.

### **Studio Portfolio**

SDE# 440034

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with the opportunity to create projects utilizing traditional and electronic portfolio presentations. This course prepares students for postsecondary education and/or entry-level positions in the advertising design industry. The prerequisite for this course is Graphic Illustration.

### **Senior Career Pathway Projects-Arts, A/V Tech & Communications**

SDE# 440054

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

### **Introduction to Television Production**

SDE# 440017

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

A one-credit course that provides students with knowledge of television production skills and operations. Students participate in classroom and laboratory experiences in television performance, production, and operations. A school-based television studio is required for this course.

### **Television-Writing, Producing, and Performing**

SDE# 440018

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

A one-credit course that provides students with a variety of real-world learning opportunities through laboratory experiences in television writing, producing, and performing. The prerequisite for this course is Introduction to Television Production. A school-based television studio is required for this course.

### **Television Production - Studio Operations**

SDE# 440019

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

A one-credit course that provides students with opportunities to participate through real-world laboratory experiences in studio operations. The prerequisite for this course is Introduction to Television Production. A school-based television studio is required for this course.

### **Television Production - Photography and Editing**

SDE# 440020

1 term/1 credit  
Grades 11-12

Fee: \$20.00

A one-credit course that provides students with a variety of real-world learning opportunities through laboratory experiences in photography and editing for television productions. The prerequisite for this course is Introduction to Television Production. A school-based television studio is required for this course.

### **Advanced Television Production**

SDE# 440021

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

A one-credit course that provides students with opportunities to create and market video productions. The prerequisite course for Advanced Television Production are Introduction to Television Production and a minimum of one additional Television Production course which includes Television Production—Writing, Producing, and Performing; Television Production—Studio Operations; or Television Production—Photography and Editing. A school-based television studio is required for this course.

### **CTE Lab in Arts, AV Television, and Communication**

SDE# 440055

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Arts, AV Television, and Communication through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. Student may take this course multiple times.

## **LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY FIRE SCIENCE ACADEMY COURSES South Baldwin Center for Technology**

The Law, Public Safety, Corrections & Security cluster prepares students with essential knowledge and skills for pursuing a career in public safety and security. Responsibilities include prevention of and protection from harm such as fires, crime, or natural disasters. Career opportunities range from public safety officers to legal services to homeland security, firefighting, emergency management. Students in this program will have an opportunity to gain a Career Ready Indicator.

### **Emergency and Fire Management Services**

- Principles of Public Service
- Introduction to Fire Science
- Fire Fighting
- Senior Career Pathway Project – Law, Public Safety, Corrections & Security
- CTE Lab in Law, Public Safety, Corrections & Security

### **Principles of Public Service**

SDE#530004

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed to introduce students to the competencies related to public service job preparatory programs. Students develop knowledge and skills in fire management services, legal services, and law enforcement services.

### **Introduction to Fire Science**

SDE# 530011

1 term/ 1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed to introduce students to the basic principles and procedures of firefighting.

Emphasis is placed on safety fire behavior, communication equipment, fire extinguishers, structural design, personal protective equipment, ropes and knots, search and rescue, ground ladders, ventilation, fundamentals of a water supply system, fire hose, and water streams.

**Fire Fighting**

SDE# 530012

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed to provide students with instruction in techniques of firefighting. Emphasis is placed on safety, fire prevention and control, hazardous materials, sprinkler systems, first responder, and public relations. The prerequisite for this course is Introduction to Fire Science.

**Senior Career Pathway Project-Law, Public Safety, Corrections & Security**

SDE# 530024

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

**CTE Lab in Law, Public Safety, Corrections & Security**

SDE# 530025

1 term/1 credit  
Grades 11-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Arts, AV Television, and Communication through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. Student may take this course multiple times.

**HEALTH SCIENCE**

The Health Science cluster provides students with essential knowledge and skills for pursuing a career in health care. The required foundation course, Foundations of Health Science, is offered to all 9<sup>th</sup> through 12<sup>th</sup> grade students. This course, a prerequisite to all pathway courses, provides essential health care knowledge and skills and promotes the application of science and technology. Students who choose to enter the Health Science field set specific academic goals for meeting the expectations of business and industry. Participation in Health Occupations Students of America (HOSA) helps students achieve these goals while enhancing the development of leadership skills. Students have an opportunity to earn a Career Ready Indicator.

<b>Health Services Diagnostics Services North &amp; South Baldwin Technical Centers</b>
<ul style="list-style-type: none"> <li>• Foundations of Health Science</li> <li>• Human Body Structures and Functions</li> <li>• Health Promotion and Wellness</li> <li>• Health Science Internship 1</li> <li>• Health Science Internship 2</li> <li>• Introduction to Pharmacy</li> <li>• Medical Terminology</li> <li>• Therapeutic Services</li> <li>• CTE Lab in Health Science</li> </ul>

**Foundations of Health Science \*\***

SDE# 490007

1 term/1 credit  
Grades 10-12



Fee: \$20.00

Foundations of Health Science is a required course that 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 the prerequisite for all the health science courses. It is recommended for all students who want to prepare for further study in an array of health-related fields at the postsecondary level.

### **Health Promotion and Wellness**

SDE# 490021

0.5term/0.5 credit  
Grades 10-12  
Fee: \$10.00

Health Promotion and Wellness is a course designed to enable students to develop an understanding of personal, client, and community health. The course emphasizes wellness concepts related to positive health behaviors. The course provides a foundation for comprehending preventive health and wellness in the health care delivery system.

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

SDE# 490015

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Human Body Structures and Functions is a course designed to help students develop a basic knowledge of the normal structure and function of the human body. The 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.

### **Introduction to Pharmacy \*\***

SDE# 490022

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

Pharmacy is a one-credit course that introduces students to the pharmacy profession. Course content emphasizes the history of medicine, mathematics, technology, and legal issues. Foundations of Health Science is a prerequisite course. Upon successful completion of this course, students may choose to continue studies in Advanced Health Seminar or Work-Based Experience Seminar.

### **Therapeutic Services**

SDE# 490023

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Therapeutic Services is a 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 therapist, surgical technologist, respiratory therapist, emergency medical technician, and others.

### **Health Science Internship I**

SDE # 490013

Prerequisite: Foundations of Health Science

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Health Science Internship is a course designed for students in Grades 11 or 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. Theory and laboratory components comprise at least ten percent of the Health Science Internship course.

### **Health Science Internship II**

SDE # 490014

Prerequisite: Foundations of Health Science

1 term/2 credits  
Grades 10-12

Fee: \$20.00

Health Science Internship is a two-credit course designed for students in Grades 11 or 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. Theory and laboratory components comprise at least ten percent of the Health Science Internship course.

**Medical Terminology**

SDE# 490033

1 term/1 Credit  
Grades 9-12  
Fee: \$20.00

Medical Terminology is a one-credit course that 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 of medicine to the health care student by incorporating medical terminology with anatomy and physiology and the disease process. This method has been proven to be a logical and effective method of learning the language of medicine.

**CTE Lab in Health Science**

SDE# 490049

1 term/1 Credit  
Grades 9-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Health Science through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

**HOSPITALITY AND TOURISM  
(SBCT Only)**

The Hospitality and Tourism classrooms and laboratories provide safe and innovative settings for student exploration and assessment. These settings provide structured and stimulating environments designed to meet students' emerging needs. Students choosing a pathway in the Hospitality and Tourism cluster obtain knowledge about the hospitality and tourism industries from challenging curricula, acquire technological expertise required in the field, and participate in daily tasks that utilize the skills mandatory for hospitality and tourism professionals. Students choosing to enter this pathway should be able to comprehend course materials and complete laboratory work, projects, and assignments related to the Hospitality and Tourism cluster.

An integral part of the instructional program within the cluster is Family, Career, and Community Leaders of America (FCCLA), the student organization for all pathways within the cluster. FCCLA members learn leadership skills, develop critical-thinking skills, and gain career preparation skills through participation in state and national programs such as community service and competitive Students Taking Action with Recognition (STAR) events. Students have an opportunity to earn a ServSafe Credential in this program.

<b>Hospitality and Tourism Restaurant Food &amp; Beverage</b>
<ul style="list-style-type: none"> <li>• Hospitality and Tourism</li> <li>• Culinary Arts I</li> <li>• Culinary Arts II</li> <li>• Senior Career Pathway Hospitality &amp; Tourism</li> <li>• CTE Lab in Hospitality &amp; Tourism</li> </ul>

**Hospitality and Tourism \*\***

SDE# 500011

1 term/1 credit  
Grades 9-12  
Fee: \$35.00

The Hospitality and Tourism course is 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,

restaurants and food and beverage services, safety and sanitation, customer relations, and quality services. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.

### **Culinary Arts I \*\***

SDE# 500012

The prerequisite: Hospitality and Tourism

1 term/1 credit  
Grades 10-12  
Fee: \$35.00

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. Skills in mathematics, science, and communication are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.

### **Culinary Arts II \*\***

SDE# 500013

The prerequisite: Culinary I

1 term/1 credit  
Grades 10-12  
Fee: \$35.00

Culinary II provides advanced experiences in food production, management, and service. Topics include food service operations, advanced food production, and professionalism. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area.

### **Senior Career Pathway Project Hospitality & Tourism**

SDE# 500040

Prerequisite: 2 or more CTE courses

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

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, explore that area in-depth, and demonstrate problem-solving, decision-making and independent learning skills. The SCPP contributes to an educational plan of challenging courses and practical experiences that prepare 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 course may be eligible for Dual Enrollment College Credit when applied with specific Career Technical Pathway programs.

### **CTE Lab in Hospitality and Tourism**

SDE# 500041

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Hospitality & Tourism through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

## **HUMAN SERVICES**

Students interested in this cluster should be able to comprehend course materials and complete laboratory work, projects, and assignments related to the Human Services cluster. Students obtain knowledge about the cosmetology field as well as consumer services from challenging curricula, acquire technological expertise required in the field, and participate in daily tasks and skills mandatory for human service professionals. The

Human Services cluster classroom and required laboratories provide safe and innovative settings for student exploration and mastery of required course content.

Students participating in the Personal Care Services pathway are members of SkillsUSA. Members learn leadership skills, develop critical-thinking skills, and gain career preparation skills through participation in state and national programs such as community service and competitive events. Students have an opportunity to earn a Career Ready Indicator.

<b>Human Services North &amp; South Baldwin Technical Centers</b>
<ul style="list-style-type: none"><li>• Introduction to Cosmetology</li><li>• Hair Coloring</li><li>• Chemical Services</li><li>• Salon Practices and Management</li><li>• Introduction to Nail Care and Applications</li><li>• State Board Practicum</li><li>• Natural Hair Styling Theory</li><li>• Natural Hair Styling Practicum</li><li>• Senior Career Pathway Project-Human Services-Cosmetology</li><li>• CTE Lab in Human Services</li></ul>

### **Introduction to Cosmetology \*\***

SDE# 510060

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Introduction to Cosmetology is a course that provides students with a study of concepts related to the cosmetology profession. Specific topics include cosmetology history and opportunities, professional image, infection control, basic fundamentals, and principles of hair design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic procedures. Students participate in SkillsUSA as an integral part of this instructional program. Introduction to Cosmetology is the prerequisite to Chemical Services, Hair Coloring, Introduction to Spa Techniques, Advanced Spa Techniques Applications, Salon Practices and Management, and State Board Practicum.

### **Hair Coloring**

SDE# 510061

Prerequisite: Introduction to Cosmetology

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Hair Coloring is a course that provides students with study and experience in hair coloring and lightening. Emphasis is placed on color application, laws, levels and classifications of color, and problem solving. Upon successful completion of this course, students are able to identify all phases of hair coloring and its effects upon the hair and perform procedures for hair coloring and lightening. Problem-solving and critical-thinking skills are essential, and many opportunities are provided for growth in students' level of competence. Students participate in SkillsUSA as an integral part of this instructional program.

### **Chemical Services**

SDE# 510062

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Chemical Services is a course that focuses on the theory of chemical services related to chemical hair texturing. Specific topics include basics of chemistry and electricity, properties of the hair and scalp, and chemical texture services. Students also gain initial practical experience in performing various chemical texturing activities. Emphasis is placed on safety, chemical use and handling, hair and scalp analysis, and client consultation. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform these chemical services. Students participate in SkillsUSA as an integral part of this instructional program.

### **Salon Practices and Management**

SDE# 510065

Prerequisite: Introduction to Cosmetology

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Salon Practices and Management is a course that enables students to develop entry level management skills for the cosmetology industry. Students practice all phases of cosmetology in a salon setting. Upon successful completion of this course, students are able to demonstrate professional work ethics and communication skills, job-seeking and management skills, and exhibit knowledge of the technology used in salons. Students participate in SkillsUSA as an integral part of this instructional program.

### **Introduction to Nail Care and Applications**

SDE# 510066

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Introduction to Nail Care and Applications is a course that focuses on all aspects of the nail care industry. Specific topics include nail care history and opportunities, nail and skin services, sanitation and bacteriology, and salon conduct. Upon successful completion of this course, students are able to demonstrate professional conduct, recognize nail disorders and diseases, and identify and perform procedures for sanitation and nail care services. Students participate in SkillsUSA as an integral part of this instructional program. This course is a prerequisite for Nail Art and Applications and State Board Practicum Pathway B.

### **State Board Practicum**

SDE# 510068

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

State Board Practicum is a culminating course that provides students with a comprehensive study of State Board procedures and practical applications in cosmetology and nail care. The course consists of Pathway A- for Cosmetology (content standards 1-17) and Pathway B—Nail Care Services (content standards 1-11 and 18-20). Upon successful completion of this course, students are able to demonstrate practical skills necessary for meeting state licensure requirements and for successful employment. Students participate in SkillsUSA as an integral part of this instructional program. The prerequisites for this course depend upon the licensure the student is pursuing.

### **Natural Hair Styling Theory**

SDE# 510075

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Natural Hair Styling Theory is a one credit course designed to provide instruction on scientific concepts and natural hair care and services. Theory scope of content includes infection control, safety practices, human anatomy and physiology, client consultation, analysis, documentation, services and procedures.

### **Natural Hair Styling Practicum**

SDE# 510076

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

Natural Hair Styling Practicum is a one credit course designed to provide instruction on natural hair care services and techniques for styling and grooming natural hair. Core domain service areas include work area and client preparation, set-up of supplies, safe work practices, procedures related to services and design, and blood exposure procedure.

### **Senior Career Pathway Project: Human Services, Cosmetology**

SDE# 510070

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

### **CTE Lab in Cosmetology**

SDE# 510077

1 term/1 credit  
Grades 10-12

Fee: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Cosmetology through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

### **TRANSPORTATION, DISTRIBUTION, AND LOGISTICS**

The Transportation, Distribution, and Logistics learning environment utilizes a variety of physical space to stimulate development of effective cognitive and psychomotor skills. Students experience a wide range of hands-on activities based on authentic representations of expectations found in the workplace. Theory and concepts are taught in proportion to the need for strong application opportunities with emphasis on timely learning experiences that facilitate the transition to skills attainment. Safety, proper tool use, and adherence to procedures are integral components for all student learning experiences.

Students in this cluster affiliate with SkillsUSA as the co-curricular Career and Technical Student Organization (CTSO). SkillsUSA provides opportunities that enhance classroom instruction, help develop leadership skills, and further career development. These courses are Dual Enrolled credits for students who meet the criteria and apply for the Dual Enrolled credit.

Facilities and Mobile Equipment Maintenance North & South Baldwin Technical Centers
<ul style="list-style-type: none"><li>• Maintenance and Light Repair A</li><li>• Maintenance and Light Repair B</li><li>• Maintenance and Light Repair C</li><li>• Maintenance and Light Repair D</li><li>• Automotive Service Technology A</li><li>• Automotive Service Technology B</li><li>• Automotive Service Technology C</li><li>• Automotive Service Technology D</li><li>• Master Automotive Service Technology</li><li>• Diesel Preventative Maintenance and Inspection</li><li>• CTE Lab in Transportation and Distribution</li></ul>

#### **Maintenance and Light Repair A**

SDE# 570071

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with foundational knowledge and skills relative to safety, engine repair, automatic transmissions and manual drive trains.

#### **Maintenance and Light Repair B**

SDE# 570072

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with foundational knowledge and skills relative to safety, suspension and steering, and brakes.

#### **Maintenance and Light Repair C**

SDE# 570073

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with foundational knowledge and skills relative to safety, brakes, and electrical/electronic systems.

#### **Maintenance and Light Repair D**

SDE# 570074

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with foundational knowledge and skills relative to safety, engine performance, electrical/electronic systems, and heating and air conditioning.

### **Automotive Service Technology A**

SDE# 570075

Prerequisite: Must complete all MLF courses

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with service knowledge and skills relative to safety, engine repair, automatic transmissions, and manual drive trains.

### **Automotive Service Technology B**

SDE# 570076

Prerequisite: Must complete all MLF courses

1 term/ 1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with service knowledge and skills relative to safety, suspension and steering, and brakes.

### **Automotive Service Technology C**

SDE# 570077

Prerequisite: Must complete all MLF courses

1 term/ 1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with service knowledge and skills relative to safety, brakes, and electrical/electronic systems.

### **Automotive Service Technology D**

SDE# 570078

Prerequisite: Must complete all MLF courses

1 term/1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with service knowledge and skills relative to safety, engine performance, electrical/electronic systems and heating and air conditioning.

### **Master Automotive Service Technology**

SDE# 570079

Prerequisite: Must complete all MLF & AST Courses

1 term/ 1 credit  
Grades 9-12  
Fee: \$20.00

A one-credit course that provides students with mastery knowledge and skills relative to safety, automatic transmissions and transaxles, manual drive trains and axles, suspension and steering, brakes, engine repair, engine performance, electrical/electronic systems and heating and air conditioning.

### **Diesel Preventative Maintenance and Inspection (PMI)**

SDE# 570049

Prerequisite: MLRA, MLRB, MLRC MLRD

1 term/1 credit  
Grades 10-12  
Fee: \$20.00

This course is designed to provide students with in-depth knowledge and skills for entry level maintenance and inspection tasks. Safety and proper tool use are emphasized throughout this course. As part of this course, students participate in servicing activities associated with preventative and maintenance tasks. The tasks included in the Preventive Maintenance and Inspection area are entry-level technician inspection tasks designed to introduce the student to correct procedures and practices of vehicle inspection in a teaching/learning environment. They are not intended to satisfy the Annual Federal Vehicle Minimum Periodic Inspection Standards. This course must follow the guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. Workplace Employability Skills Task lists should be incorporated into the diesel Program.

### **CTE Lab in Transportation and Distribution**

SDE# 570087

1 term/1 credit  
Grades 9-12  
Fees: \$20.00

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Transportation, Distribution & Logistics through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

## **SPECIALIZED COURSES**

### **Community and Workforce Development**

SDE# 802111ao Community Wkfc I AM  
SEE# 802111af Community Wkfc I PM

1 term/1 credit  
Grades 11-12

SDE# 802111aq Community Wkfc II AM  
SDE# 802111ag Community Wkfc II PM

This course will allow juniors and seniors to participate in paid and/or unpaid work experiences in local businesses. Student participation in this class will be closely monitored by the local school. Students must satisfactorily complete all course requirements and turn in weekly evaluations signed by employers.

### **CAREER & TECHNICAL DUAL ENROLLMENT with Faulkner State Community College and Enterprise State Community College**

A Dual Enrollment Agreement exists between Faulkner State Community College and Enterprise State Community College and the Baldwin County Board of Education that allows students to enroll in college level courses at the postsecondary institution and earn credits for a high school diploma and a postsecondary degree/certification at the same time. Students meeting the college entry requirements are eligible to enroll as a Faulkner State student and earn college credits while in high school. Eligible courses and locations of offering are listed in the Dual Enrollment section of this handbook. Any course with a 90000 number does offer college credit to enrolled students. \*Any additional questions can be answered by a school counselor.

### **STATEWIDE ARTICULATION AGREEMENTS**

An Articulation Agreement exists between Alabama's Community College System and all local Alabama School systems allowing postsecondary students to receive college credit (articulated credit) for career technical education courses completed in grades 10, 11, and 12. Eligible students must meet all eligibility requirements prior to being awarded articulated credit. Eligible courses are taught at North and South Baldwin Center's for Technology as well as some local high schools. Any course labeled with the two asterisks can qualify for articulated college credit upon graduation. Students must earn a letter grade of C or higher in the secondary course for which articulation is being sought. Articulated credit must be requested by submitting the completed State Articulated Credit Request form to the Alabama Community College no later than 20 months after high school graduation.



# INTERNATIONAL BACCALAUREATE PROGRAMS

The following courses are available only to students who have been admitted to and who are participating in the IB program.

## INTERNATIONAL BACCALAUREATE PROGRAMME COURSES

### IB English: Higher Level, Grades 11 and 12

IB English HL 11 SDE# 200022	1 term/1 credit Grade 11 Fee: \$20.00
IB English HL 12 SDE# 200022aa	1 term/1 credit Grade 12 Fee: \$20.00

The goals of Language A1 are to enable students to approach literary works with intellectual maturity; to refine reading and writing skills; to engage with precision and clarity in the exchange of ideas and presentation of argument; and to foster lifelong habits of reading, writing, and thinking. The course promotes an appreciation of the possibilities for language to express human thought, emotion, and experience while also increasing the students' awareness of the structures of language.

Language A1 aims to increase students' knowledge and understanding of culture and society both locally and globally as students gain an appreciation of literature as an expression of the human condition and human thought. The literary study covers a time period from ancient Greece to the present and is representative of different cultural experiences. Genres studied include poetry, drama, novels, short stories, and essays.

### Experimental Science: IB Biology, Grade 11 or 12 (Standard Level), Grade 11 and 12 (Higher Level)

IB Biology SL SDE# 220015	1 term/1 credit Grades 11-12
IB Biology HL 11 SDE# 220016	1 term/1 credit Grade 11
IB Biology HL 12 SDE# 220016aa	1 term/1 credit Grade 12 Fee: \$20.00 each

International Baccalaureate Biology can be taken in the junior or senior year as a Standard Level (SL) course or over the junior and senior years as a Higher Level (HL) course. IB Biology provides the individual with an opportunity to explore the universe of the small from the realm of the molecular. The journey continues into the realm of the large; encompassing global environmental and global biome issues. The IB programme facilitates the opportunity to develop the cognitive ability of the individual through the use of a college preparatory curriculum and focus on critical thinking skills necessary to explore diverse strategies in the experimental sciences on an international stage. An interdisciplinary group project helps students realize that one discipline is not isolated from another and that scientists can work together on problems to discover solutions to a common goal.

### Experimental Science: IB Chemistry, Grade 11 or 12 (Standard Level), Grade 11 and 12 (Higher Level)

IB Chemistry SL SDE# 220066	1 term/1 credit Grades 11-12
IB Chemistry HL 11 SDE# 220065	1 term/1 credit Grade 11
IB Chemistry HL 12 SDE# 220065aa	1 term/1 credit Grade 12 Fee: \$20.00 each

International Baccalaureate Chemistry can be taken in the junior or senior year as a Standard Level (SL) course or over the junior and senior years as a Higher Level (HL) course. It is designed to expand on the knowledge and experimental skills obtained in Pre-IB Chemistry and to prepare the student for further study

of pure and applied sciences in higher education. It will also help the student to develop the ability to analyze scientific literature critically and to develop manipulative and experimental skills necessary to perform college level scientific investigations. Chemistry is a central component of all scientific disciplines. An interdisciplinary group project helps students realize that one discipline is not isolated from another and that scientists can work together on problems to discover solutions to a common goal.

**Experimental Science: IB Physics, Grade 11 or 12 (Standard Level), Grade 11 and 12 (Higher Level)**

IB Physics SL	1 term/1 credit
SDE# 220077	Grades 11-12
IB Physics HL 11	1 term/1 credit
SDE# 220076	Grade 11
IB Physics HL 12	1 term/1 credit
SDE# 220076aa	Grade 12
	Fee: \$20.00 each

International Baccalaureate Physics can be taken in the junior or senior year as a Standard Level (SL) course or over the junior and senior years as a Higher Level (HL) course. The focus of physics is to observe scientific phenomena and processes using the scientific method. Students are to develop skills in mathematics, technology, and interpersonal relationships. Students will also develop an understanding of international contributions to physics and other sciences. Discussions of subjects will incorporate different cultural contributions to physics from around the world in the form of work, applications, and the arts. An interdisciplinary group project helps students realize that all scientific disciplines share the common goal of understanding how the world works, and that scientists can work together on problems to discover solutions to a common goal.

**Film: IB Film, Standard or Higher Level, Grades 11 and 12**

IB Film SL	1 term/1 credit
SDE# 280083	Grades 11-12
IB Film HL 11	1 term/1 credit
SDE# 280084	Grade 11
IB Film HL 12	1 term/1 credit
SDE# 280084aa	Grade 12
	Fee: \$30.00 each

International Baccalaureate Film can be taken in the junior or senior year as a Standard Level (SL) course or over the junior and senior years as a Higher Level (HL) course. Through the study and analysis of film texts and exercises in film-making, IB film students explore film history, theory and socio-economic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. To achieve an international understanding within the world of film, students are taught to consider film texts, theories and ideas from the points of view of different individuals, nations and cultures.

**French, B, SL, IB**

SDE# 270029	1 term/ 1 credit
	Grades 11-12
	Fee: \$7.50

NOTE: THIS COURSE MAY ONLY BE OFFERED THROUGH AN APPROVED INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAMME. FULFILLS A FOREIGN LANGUAGE CREDIT TOWARD THE ADVANCED ACADEMIC ENDORSEMENT UNTIL FALL 2016.

Emphasis on French grammar, selections of literature, and culture for students for whom French is not their native language (referred to as IB A1), but is the third language (referred to as IB B) in which they are also fluent; note that A2 is the second language in which they are fluent.

**French, B, HL, IB**

SDE# 270030	1 term/ 1 credit
	Grades 11-12
	Fee: \$7.50

NOTE: THIS COURSE MAY ONLY BE OFFERED THROUGH AN APPROVED INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAMME. FULFILLS A FOREIGN LANGUAGE CREDIT TOWARD THE ADVANCED ACADEMIC ENDORSEMENT UNTIL FALL 2016.

Emphasis on French grammar, selections of literature, and culture for students for whom French is not their native language (referred to as IB A1), but is the third language (referred to as IB B) in which they are also fluent; note that A2 is the second language in which they are fluent.

**Foreign Language: IB Spanish Standard Level, Grades 11 and 12**

IB Spanish SL 11	1 term/1 credit
SDE# 270159	Grade 11
IB Spanish SL 12	1 term/1 credit
SDE# 270160	Grade 12
	Fee: \$7.50 each

The main focus of the Spanish B SL course is language acquisition and development in the four primary language skills: listening, speaking, reading, and writing. The objectives of the course are for the student to be able to communicate in both oral and written forms, using and understanding appropriate vocabulary and grammar in a variety of situations. In addition, the student will demonstrate an awareness of and sensitivity to some elements of the cultures related to the Spanish language and the international community. The student will be assessed through activities including oral and listening interaction, a range of reading texts at various levels of difficulty, and the use of the language in a communicative nature in writing tasks.

**Foreign Language: Spanish, B, HL, IB**

SDE#270161	1 term/1 credit
	Grade 11-12
	Fee: \$7.50

NOTE: THIS COURSE MAY ONLY BE OFFERED THROUGH AN APPROVED INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAMME. FULFILLS A FOREIGN LANGUAGE CREDIT TOWARD THE ADVANCED ACADEMIC ENDORSEMENT UNTIL FALL 2016.

Emphasis on Spanish grammar, selections of literature, and culture for students for whom Spanish is not their native language (referred to as IB A1), but is the third language (referred to as IB B) in which they are also fluent; note that A2 is the second language in which they are fluent.

**Mathematics: IB Mathematical Studies, Standard Level, Grades 11 and 12**

IB Math Analysis SL 11	1 term/1 credit
SDE# 210028	Grade 11
IB Statistics & Intro to Calculus SL 12	1 term/1 credit
SDE# 210031aa	Grade 12
Prerequisite: IB Math Analysis or IB Pre-Calculus	

International Baccalaureate Mathematical Studies is designed for IB students whose future careers will not include a focus on mathematics. This course is designed to provide a realistic mathematics course for students with varied backgrounds and abilities. The skills needed to cope with the mathematical demands of a technological society are developed, and emphasis is placed on the application of mathematics to real-life situations. A substantial piece of personal research, in the form of a statistical project, is a requirement of this program.

**Mathematics: IB Math Standard Level, Grades 11 and 12**

IB Pre-Calculus SL 11	1 term/1 credit
SDE# 210029	Grade 11
IB Calculus SL 12	1 term/1 credit
SDE# 210031	Grade 12

This course is a 2-year program for students planning to enter college majoring in math, science, medicine, or engineering. The course will study a broad range of topics, providing an introduction to a variety of mathematical topics that could be taken at the collegiate level. The focus of Math SL is to introduce important mathematical concepts through the development of mathematical techniques and understanding, not necessarily rigor. It will focus on solving real life problems and situations, and will include 1 project per year. The goal is to model logical, critical, and creative thinking as well as teaching students to think on an abstract and generalized level. By incorporating the historical perspectives respective to the development of mathematics, students will learn to appreciate the fact that math is the international language.

**Music: IB Music, Standard or Higher Level, Grades 11 and 12**

IB Music SL	1 term/1 credit
SDE# 280025	Grades 11-12
IB Music HL 11	1 term/1 credit
SDE# 280026	Grade 11
IB Music HL 12	1 term/1 credit
SDE# 280026aa	Grade 12
	Fee: \$20.00 each

International Baccalaureate Music is designed for students with a strong interest in music. The course is designed to promote greater awareness and understanding of both the power and variety of musical experiences. Topics include a study of music in western society, international music, basic musical literacy, and music theory. This study of music is concerned with elements of music, and the music of numerous cultures and eras. Both worldwide and historical perspectives are required of students, as well as a commitment to creating and performing music.

**Social Studies: IB History, Higher Level, Grades 11 and 12**

IB History HL	1 term/1 credit
SDE# 230034	Grade 11
IB History HL II	1 term/1 credit
SDE# 230034aa	Grade 12

History of the Americas is a two year course. During this two-year course, the students will study 20th century issues for the purpose of comparing/contrasting the similarities and differences in cultural roots, political-economic-social development, and modern international relations. Teachers will choose one prescribed subject and two topics covering 20th century world history. Teachers will also choose three aspects of the history of the Americas.

**Theatre: IB Theatre, Standard or Higher Level, Grades 11 and 12**

IB Theatre SL	1 term/1 credit
SDE# 280081	Grades 11-12
IB Theatre HL 11	1 term/1 credit
SDE# 280082	Grade 11
IB Theatre HL 12	1 term/1 credit
SDE# 280082aa	Grade 12
	Fee: \$20.00 each

International Baccalaureate Theatre Arts programme aims to help students understand the nature of the theatre; to understand it by making it as well as studying it; to understand it not only with their minds but with their senses, their bodies and their emotions; to understand the form it takes in cultures other than their own; and through this understanding better to understand themselves, their society and their world. The course involves the development of performance skills through working on devised and scripted scenes, some of which must be presented to an audience. Students will also study drama from the point of view of the director and will investigate methods of turning a play script into performance. Practical exploration of theatre from different cultures is also a key element in the course. A theatre production - a collaborative exercise animating a broad spectrum of talents and skills in which the principles and practices of theatre are explored by the students - is the high point of their practical and theoretical studies.

**Theory of Knowledge**

IB Theory of Knowledge/Indep Projects 11	1 term/1 credit
SDE# 230095	Grade 11
IB Theory of Knowledge 12	1 term/1 credit
SDE# 230095aa	Grade 12

The aim of Theory of Knowledge is not to give students information, but to engage in critical reflection on what they think they already know both facts and values. The course considers ways in which we gain our understanding through perception, language, reasoning, and emotion, and considers individual disciplines which arise from different approaches and justifications. It examines the approaches to knowledge taken by mathematics, the natural and human sciences, history, the arts, and ethics, and tries to place them in

relationship to each other and to the experiences of the students. The influence on knowledge of culture and personal experience also emerges in the discussions on which the course is based. Theory of Knowledge is the compulsory core course for the International Baccalaureate.

**Visual Arts: IB Visual Arts, Standard Level, Grade 11 or 12**

IB Visual Art SL	1 term/1 credit
SDE# 280105	Grades 11-12
IB Visual Art HL 11	1 term/1 credit
SDE# 280106	Grade 11
IB Visual Art HL 12	1 term/1 credit
SDE# 280106aa	Grades 11-12
	Fee: \$20.00 each

International Baccalaureate Visual Arts is a one-year, standard level IB elective course open to students in their junior or senior year. It is structured to encourage individual exploration of one's artwork and personal expressions. Students will create two separate bodies of work, one visual and one written. The written journal consists of investigation into periods of art history, artists, and art media. The visual production consists of a portfolio of works associated with the written investigative workbook. The assessment in IB Visual Arts consists of an external evaluation by an IB examiner of the workbook and portfolio of work as an on site exhibit in addition to an interview with the examiner.

## Essentials/Life Skills Core Course

<b>English Essentials 9</b>	SDE# 700005
<b>English Essentials 10</b>	SDE# 700006
<b>English Essentials 11</b>	SDE# 700007
<b>English Essentials 12</b>	SDE# 700008

**English Essentials** provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing, and speaking skills. It is designed to prepare students for Postsecondary education and employment.

### **Essentials: Physical Science** SDE# 750101

This course is designed to provide students with practical knowledge of **Physical Science** including scientific process and application skills; periodic table; solutions; bonding; chemical formulas; physical and chemical change; gravitational, electromagnetic, and nuclear forces; motion; energy; energy transformation; electricity and magnetism; nuclear science; metric units. Teachers must meet highly qualified teacher status for the appropriate course and grade.

### **Essentials: Biology** SDE# 750201

This course is designed to provide students with practical knowledge of **Biology** including process and application skills; cell processes; cell theory; photosynthesis and cellular respiration; genetics; classification; plants; animals; ecology; biogeochemical cycles. Teachers must meet highly qualified teacher status for the appropriate course and grade.

### **Essentials: Earth & Space Science** SDE# 750301

This course is designed to provide students with practical knowledge of **Earth and Space Science** including scientific process and application skills; energy in the Earth system; weather; seasons; theories for origin and age of the universe; stars, pulsars, quasars, black holes, and galaxies; Earth and space scientists; space exploration. Teachers must meet highly qualified teacher status for the appropriate course and grade.

### **Essentials: Environmental Science** SDE# 750401

This course is designed to provide students with a practical knowledge of **Environmental Science** including scientific process and application skills; natural and human impacts; carrying capacity; renewable and nonrenewable energy resources; properties and importance of water; land use practices composition and erosion of soil. Teachers must meet highly qualified teacher status for the appropriate course and grade.

### **Essentials I: World History** SDE# 700031

This course is a study of world history from 1500 to present. Students are able to apply and utilize their knowledge to develop informed opinions about issues such as the quest for peace, human rights, trade, global ecology, and the impact each has on everyday life situation. Teachers must meet highly qualified teacher status for the appropriate course and grade.

### **Essentials II: U.S. History to 1877** SDE# 700032

This course is a chronological study of major events, issues, movements, leaders, and groups of people of the U.S. through Reconstruction from a national and Alabama perspective. Teachers must meet highly qualified teacher status for the appropriate course and grade.

### **Essentials III : U.S. History from 1877** SDE# 700033

This course begins with the post-Reconstruction U.S. and its shift into a more industrialized society and continues through the twentieth century to the present. Teachers must meet highly qualified teacher status for the appropriate course and grade.

**Essentials IV: Economics**

SDE# 700034

This course is a one-semester course that focuses on the functions and institutions of modern-day economic systems and theory. Students gain skills that will enable them to anticipate changes in economic conditions and how to adjust to the changes to improve their lives and their communities. Teachers must meet highly qualified teacher status for the appropriate course and grade.

**Essentials V: United States Government** SDE# 700035

This is a one-semester course that focuses on the origins, structure, and functions of government at all levels. It also includes a detailed study of the constitution of the United States and its provisions. Teachers must meet highly qualified teacher status for the appropriate course and grade.

**Algebraic Essentials**

SDE# 750601

*This course combines Algebraic Essentials A and B into a one year, one-credit course. The Curriculum Guide to the Alabama Course of Study: Mathematics* contains the course content for students following the Essentials pathway. This course provides students with foundational skills identified in the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the appropriate course and grade.

**Geometric Essentials**

SDE# 750651

*This course combines Geometry Essentials A and B into a one year, one-credit course. The Curriculum Guide to the Alabama Course of Study: Mathematics* contains the course content for students following the Essentials pathway. This course provides students with foundational skills identified in the general education Geometry course. The course includes essentials concepts to equip students with the geometry skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the appropriate course and grade.

**Essentials Algebra II**

SDE# 750701

The *Curriculum Guide to the Alabama Course of Study: Mathematics* contains the course content for students following the Essentials pathway. This course provides students with foundational skills identified in the general education Algebra II course. The course includes algebra concepts to equip students with more advanced algebra skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the appropriate course and grade.

**Essentials Algebra II with Trig**

SDE# 750751

The *Curriculum Guide to the Alabama Course of Study: Mathematics* contains the course content for students following the Essentials pathway. This course provides students with foundational skills identified in the general education Algebra II with Trig course. The course includes algebra concepts to equip students with more advanced algebra and trigonometry skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the appropriate course and grade.

**Essentials Algebra with Finance**

SDE# 750801

The *Curriculum Guide to the Standards: Algebra with Finance* contains the course content for students following the Essentials pathway. This course integrates foundational algebra, probability and statistics, and geometry to solve financial problems that occur in everyday life. These skills are identified in the general education Algebra with Finance course. The course includes real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting, and planning for retirement in order to equip students with the skills necessary for employment and independent living. Teachers must meet highly qualified teacher status for the appropriate course and grade.

**Transition Services II** SDE# 700041

The **Transition** courses are designed to provide students with an increase in independence and employability skills through instruction in financial management, community participation, advocacy skills, personal management and employment development. These courses are primarily for students entering the 10<sup>th</sup> grade. There may be, on occasion, be exceptions to this guideline. **Work Force Essentials or Transition Services II is required for Essentials Life Skills Pathway.**

**Transition Services I** SDE# 600301

**Transition Services I** is a course designed to prepare students to become self-advocates, participate in postsecondary education and/or training to gain meaningful employment, and support community participation as they plan for life after high school.

**Transition Services 9** SDE# 600304

**Transition Services 9** addresses the first tier of Alabama's four-tier transition standards. Students enrolled in this course should be performing at the first tier in one or more of the transition standards strands. These standards are based on a scope and sequence that includes the transition strands: (1) academics/training (AT), (2) occupations/careers (OC), (3) personal/social (PS), and (4) daily living (DL). Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community.

**Transition Services 10** SDE# 600305

**Transition Services 10** applies the second tier of Alabama's four-tier transition standards. Students should be performing at the second tier in one or more of the transition standards strands. These standards are based on a scope and sequence that includes the transition strands: (1) academics/training (AT), (2) occupations/careers (OC), (3) personal/social (PS), and (4) daily living (DL). Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community.

**Transition Services 11** SDE# 600306

**Transition Services 11** applies the third tier of Alabama's four-tier transition standards. Students should be performing at the third tier in one or more of the transition standards strands. These standards are based on a scope and sequence that includes the transition strands: (1) academics/training (AT), (2) occupations/careers (OC), (3) personal/social (PS), and (4) daily living (DL). Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community.

**Transition Services 12** SDE# 600307

**Transition Services 12** applies the fourth tier of Alabama's four-tier transition standards. Students should be performing at the fourth tier in one or more of the transition standards strands. These standards are based on a scope and sequence that includes the transition strands: (1) academics/training (AT), (2) occupations/careers (OC), (3) personal/social (PS), and (4) daily living (DL). Students will develop fundamental transition skills needed for positive post-school outcomes. Instruction for this course may take place both within the classroom and the community.

**Transition Services Elective** SDE# 600302

**Transition Services Elective** applies to students involved in community-based instruction, pre-vocational experience, and community integration development. This course will address the four-tier system of Alabama's Transition Standards.



**The New Alabama High School Diploma  
Work Component Requirements**

**Outcome: To provide students with positive learning opportunities in real-work settings,  
based on the interests, skills, and needs of individual students.**

**Students who take 4 or more core Essential/Life Skills Pathway courses must complete the following:**

- Community-Based Work Instruction\*
- 2 Career and Technical Education courses in a sequence
- Workforce Essentials or Transition Services II in the event that the LEA does not have a Cooperative Education Program
- Cooperative Education/Work-Based Experience **or** Life Skills Occupational Preparation in school systems that do not have a Cooperative Education Program
- Cooperative Education Seminar

**New Course Requirement:**

Career Preparedness Course (Career and Academic Planning, Computer Applications, Financial Literacy)

**\*Students must participate in Community-Based Work Training or demonstrate appropriate job readiness skills as evidenced by previous satisfactory work experience or assessment by supervising adults (teachers, administrators), etc. Documentation of Community-Based Work Training must include at least two (2) acceptable performance evaluations using The Community-Based Work Training Performance Evaluation completed by employers/supervisors/educators.**

- Students following the Essential/Life Skills Pathway must meet the entrance requirements of the Cooperative Education Program.
- Students on this pathway would take 2 Career and Technical Education courses in a sequence. (The CTE courses would fulfill 2 of the 3 course requirements in the CTE and or Arts Education and or Foreign Language area.)

**ALABAMA HIGH SCHOOL DIPLOMA  
SUBSTITUTE COURSES FOR STUDENTS WITH DISABILITIES**

AREAS OF STUDY	REQUIREMENTS	CREDITS
English Language Arts	English 9, 10, 11, and 12 or any AP/IB/postsecondary equivalent courses. <u>or</u> *English Essentials 9, 10, 11, 12. <u>or</u> **AAS English 9, 10, 11, and 12.	4
Mathematics	Algebra I, Geometry, and Algebra II with Trig or Algebra II or CTE/IB/postsecondary equivalent courses. Additional course(s) to complete the four credits in mathematics must be chosen from the <i>Alabama Course of Study Mathematics</i> or CTE/AP/IB/postsecondary equivalent courses. <u>or</u> *Algebraic Essentials A & B and Geometry Essentials A & B (students taking Algebraic Concepts in Grade 9 are not required to take Geometry B). <u>or</u> **AAS Mathematics 9, 10, 11, and 12.	4
Science	Biology and a physical science. The third and fourth science credits may be used to meet both the science and CTE requirement and must be chosen from the <i>Alabama Course of Study: Science</i> or CTE/AP/IB/postsecondary equivalent courses. <u>or</u> *Life Skills Science I, II, III, and IV. <u>or</u> **AAS Science 9, 10, 11, and 12	4
Social Studies	World History, U.S. History x 2, and Government/Economics or AP/IB/postsecondary equivalent courses. <u>or</u> *World History for Living, U.S. History for Living 10, U.S. History for Living 11, and Economics for Living/U.S. Government for Living . <u>or</u> **AAS Social Studies 9, 10, 11, and 12.	4
Physical Education	LIFE (Personal Fitness) One JROTC credit may be used to meet this requirement. <u>or</u> Adapted Physical Education.	1
Health Education	<i>Alabama Course of Study: Health Education</i> . <u>or</u> **AAS Pre-Vocational, AAS Vocational, AAS Community Based Instruction, and/or AAS Elective Course.	0.5
Career Preparedness	Career Preparedness Course (Career and Academic Planning, Computer Applications, Financial Literacy) <u>or</u> **AAS Life Skills	1
CTE and/or Foreign Language and/or Arts Education	Students choosing CTE, Arts Education, and/or Foreign Language are encouraged to complete two courses in sequence. <u>or</u> *two CTE courses and Workforce Essentials ( <u>or</u> Transition Services II in school systems that do not offer Workforce Essentials). <u>or</u> **AAS Life Skills.	3
Electives	*Students earning core credit through the Essentials/Life Skills courses are required to take Cooperative Education Seminar/Work-Based Experience (or LS Occupational Preparation in school systems that do not have a Cooperative Education Program). **AAS Pre-Vocational, AAS Vocational, AAS Community Based Instruction, and/or AAS Elective Course.	2.5
<b>Total Credits Required for Graduation</b>		<b>24</b>

\* Course sequence for students with disabilities earning core credit through the Essentials/Life Skills courses. Students pursuing an Alabama High School Diploma through this pathway must participate in Community-Based Work Training or have documentation of previous work experience in addition to the course requirements described above.

\*\* Course sequence for students with significant cognitive disabilities earning core credit through Alternate Achievement Standards (AAS) courses.

## Prospective Certificate Courses per Grade Level

<u>G</u>	<u>Reading</u>	<u>Lang. Arts</u>	<u>Math</u>	<u>Science</u>	<u>Social Studies</u>	<u>Daily Living</u>	<u>Pre-Vocational</u>	<u>Vocational</u>
9	AAS: Reading-9 #600419	AAS: Language Arts-9 #600439	AAS: Mathematics-9 #600459	AAS: Science-9 #600479	AAS: Social Studies-9 #600499	AAS: Life Skills-9 #600512	AAS: Pre-Vocational-9 #600521	AAS: Vocational-9 #600531
10	AAS: Reading-10 #600420	AAS: Language Arts-10 #600440	AAS: Mathematics-10 #600460	AAS: Science-10 #600480	AAS: Social Studies-10 #600500	AAS: Life Skills-10 #600513	AAS: Pre-Vocational-10 #600522	AAS: Vocational-10 #600532
11	AAS: Reading-11 #600421	AAS: Language Arts-11 #600441	AAS: Mathematics-11 #600461	AAS: Science-11 #600481	AAS: Social Studies-11 #600501	AAS: Life Skills-11 #600514	AAS: Pre-Vocational-11 #600523	AAS: Vocational-11 #600533
12	AAS: Reading-12 #600422	AAS: Language Arts-12 #600442	AAS: Mathematics-12 #600462	AAS: Science-12 #600482	AAS: Social Studies-12 #600502	AAS: Life Skills-12 #600515	AAS: Pre-Vocational-12 #600524	AAS: Vocational-12 #600534
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12	Enrichment #802200	Orientation #802105	Strategies Lab #600308	AAS: Elective 9 #600551	AAS: Elective 10 #600552	Hobbies #802209	Community Based Instruction #600541	Community Based Instruction 11 #600543
12	Transition Services 9 #600304	Lunch #802102	Transition Services 10 #600552	AAS: Elective 11 #600553	AAS: Elective 12 #600554	Transition Services 11 #600306	Transition Services 12 #600307	Community Based Instruction 12 #600544

## ENGLISH AS A SECOND LANGUAGE PROGRAM

English as a Second Language (ESL) courses are designed to meet the individual needs of English Language Learners (ELLs). The program offers courses that develop the individual's use and understanding of English and assist ELL students in subject areas. The courses are offered by the high schools and may be offered at the Centers for Technology.

Courses are offered for credit each term. Credit is awarded for each course needed as directed by the student's IELP (Individual English Language Plan). ESL Resource Teachers work with school counselors to develop individual student schedules based on language proficiency. The courses are open to English Language Learners based on scores from the ACCESS for ELLs English Language Proficiency Test.

### ESL Elective I

SDE# 300001ah

Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit

Grades 9-12

This **beginning course** is for **non-English speakers** and develops English skills in listening, speaking, reading and writing. This course **may not** be substituted for one of the four English credits required for graduation.

### ESL Elective II

SDE# 300001ai

Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit

Grades 9-12

This **beginning course** is for **non-English speakers** and is a continuation of ESL Elective I. This course is designed to provide students with the opportunity to further their development of English skills in listening, speaking, reading, and writing. This course **may not** be substituted for one of the four English credits required for graduation.

### ESL Elective III

SDE# 300001aj

Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit

Grades 9-12

This **beginning course** is for **non-English speakers** and is a continuation of ESL Elective II. This course is designed to provide students with additional opportunity to further their development of English skills in listening, speaking, reading, and writing. This course **may not** be substituted for one of the four English credits required for graduation.

### ESL Elective IV

SDE# 300001ap

Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit

Grades 9-12

This **beginning course** is for **non-English speakers** and is a continuation of ESL Elective III. This course is designed to provide students with additional opportunity to further their development of English skills in listening, speaking, reading, and writing. This course **may not** be substituted for one of the four English credits required for graduation.

### ESL English A

SDE# 300001al

Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit

Grades 9-12

This **intermediate course** is for **limited-English speakers** (LEP) and is a continuation of ESL Elective A. This course is designed to provide students with the opportunity to continue building their English skills in listening, speaking, reading, and writing. This course **may not** be substituted for one of the four English credits required for graduation.

**ESL Elective A**

SDE# 300001ak  
 Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit  
 Grades 9-12

This **intermediate course** is for **limited-English speakers** (LEP) and develops basic English skills in all four modalities. This course **may not** be substituted for one of the four English credits required for graduation.

**ESL Elective B**

SDE# 300001am  
 Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit  
 Grades 9-12

This **advanced course** is for **limited-English speakers** (LEP) and continues to develop basic English skills in listening, speaking, reading, and writing with emphasis on literary skills. This course is designed to offer students more assistance in the areas of vocabulary development, reading, and writing for various purposes prior to placement in a core English class. This course **may not** be substituted for English 9, English 10, English 11, or English 12.

**ESL Elective C**

SDE# 300001aq  
 Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit  
 Grades 9-12

This **advanced course** is for **limited-English speakers** (LEP) and continues to develop basic English skills in listening, speaking, reading, and writing with emphasis on literary skills. This course is designed to offer students more assistance in the areas of vocabulary development, reading, and writing for various purposes prior to placement in a core English class. This course **may not** be substituted for English 9, English 10, English 11, or English 12.

**ESL Elective D**

SDE# 300001ar  
 Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit  
 Grades 9-12

This **advanced course** is for **limited-English speakers** (LEP) and develops basic English skills in listening, speaking, reading, and writing with emphasis on literary skills. This course is designed to offer students more assistance in the areas of vocabulary development, reading, and writing for various purposes prior to placement in a core English class. This course **may not** be substituted for English 9, English 10, English 11, or English 12.

**ESL Reading**

SDE# 300001ao  
 Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit  
 Grades 9-12

This course is for **limited-English speakers** who need additional services based on reading/writing scores on the ACCESS for ELLs. The course is designed to provide students with study and practice in writing/composition, reading, listening, speaking, viewing, and presenting. Emphasis will be on demonstration of language and reading skills as presented in such activities as vocabulary development, reading, and writing for various purposes, study skills, and research based on state standards. This course **may** be substituted for English 9, English 10, English 11, or English 12.

**ESL Prep Assistance/Language**

SDE# 300001ac  
 Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit  
 Grades 9-12

This course is for **limited-English speakers** who have completed ESL Reading and/or ESL Prep Assistance/Reading or need additional services based on language/writing scores of the ACCESS for ELLs language proficiency test. This course is designed to provide limited-English speakers with additional instruction and practice in the language content based on state standards. This course is for elective credit.

**ESL Prep Assistance/ Reading**

SDE#300001ad  
 Prerequisite: Placement by ESL Resource Teacher

1 term/1 credit  
 Grades 9-12

This course is for **limited-English speakers** who need additional services based on reading scores of the ACCESS for ELLs language proficiency test or reading scores. This course is designed to provide limited-English speakers with additional instruction and practice in the reading content based on state standards. This course is for elective credit.

**ESL Prep Assistance/ Math, Social Studies, Biology**

Prep ESL Math SDE# 300001ae	1 term/1 credit
Prep ESL Social Studies SDE# 300001af	1 term 1 credit
Prep ESL Biology SDE# 300001ag	1 term/1 credit
Prerequisite: Placement by ESL Resource Teacher	Grades 9-12

These courses are for **limited-English speakers** who need additional services based on ACCESS for ELLs language proficiency test results and classroom performance. These courses are designed to provide limited-English speakers with additional instruction and practice in core content based on state standards. This course is for elective credit.

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**DIPLOMA DECLARATION FORM**

Beginning in the 8<sup>th</sup> grade, students seeking an Alabama High School Diploma have the opportunity to declare a diploma option for completing their high school education. This decision may be changed at any time with parental approval in writing **as long as the student meets the course requirements.**

Student Name \_\_\_\_\_ Middle School or Transfer School  
\_\_\_\_\_

After carefully studying your Academic Guide and discussing the options with your counselor,

1. Declare a diploma option by **checking the title of your choice**, and
2. **Sign below** to signify that **you understand the requirements in the Academic Guide** and the information on this form.

- Alabama High School Diploma (Standard Diploma) **24 Credits** as described on page 4 of the Academic Guide  
This selection requires completion of the Endorsement Change Request Form
  
- Alabama High School Diploma with Baldwin County College Preparatory with Distinction Endorsement (CP + Distinction) **28 Credits** as described on page 6 of the Academic Guide
  
- Alabama High School Diploma with Baldwin County College Preparatory with Distinction Endorsement for International Baccalaureate Students (CP + Distinction for IB) **28 Credits** as described on page 8 of the Academic Guide

Student's Signature \_\_\_\_\_

Date \_\_\_\_\_

Parent's Signature \_\_\_\_\_  
(required)

Date \_\_\_\_\_